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## State Science Day - May 13, 2017

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### Ada HS, Ada

<b>Ms Kirsten Poling</b> Grade: 7    Project Type: Team <i>Project Title: Power from Water</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Ms Luci Wall</b> Grade: 7    Project Type: Team <i>Project Title: Power from Water</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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### All Saints, Cincinnati

<b>Mr Ryan Benne</b> Grade: 7    Project Type: Individual <i>Project Title: What Type of Wood Burns the Slowest?</i>	<b>OAS AWARD</b> No Show	<b>Sponsored Awards -if any</b>
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<b>Ms Therese Suchoski</b> Grade: 7    Project Type: Individual <i>Project Title: Warped Words and the Stoop Effect</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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<b>Mr Steven Wehrmeyer</b> Grade: 7    Project Type: Individual <i>Project Title: Stealthy Shape: How to Make an Aircraft Invisible to Radar</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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### Allen ES, Chillicothe

<b>Ms Allison Lutz</b> Grade: 6    Project Type: Individual <i>Project Title: Do Shapes Have Sounds? The Buba-Kiki Effect</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b> 028 2ND
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<b>Ms Katherine McCallum</b> Grade: 5    Project Type: Individual <i>Project Title: Does temperature affect a tennis balls bounce?</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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### Alliance HS, Alliance

<b>Ms Alexandra Cox</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10	Excellent	
Project Type: Individual		
Project Title: <i>Can the use of native prairie grasses along with cow manure compost decrease wind erosion and maintain carbon sequestration in soil?</i>		

<b>Ms Allison Waggoner</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10	Excellent	067 1ST
Project Type: Individual		
Project Title: <i>Measuring Force Through Deep Knee Bends</i>		

<b>Mr Gabe Baker</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10	Excellent	
Project Type: Team		
Project Title: <i>Texting: A Habit More Dangerous Than You Think</i>		

<b>Ms Madeline Barnett</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 11	Excellent	
Project Type: Team		
Project Title: <i>Cell Phones vs Reaction Times</i>		

<b>Ms Morgan Berlin</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 11	Excellent	
Project Type: Team		
Project Title: <i>Cell Phones vs Reaction Times</i>		

<b>Ms Natalie Bert</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 11	Excellent	
Project Type: Team		
Project Title: <i>Cell Phones vs Reaction Times</i>		

<b>Mr Brandon Mazzei</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10	Excellent	
Project Type: Team		
Project Title: <i>Texting: A Habit More Dangerous Than You Think</i>		

### Alliance MS, Alliance

<b>Ms Jane Miller</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Excellent	
Project Type: Individual		
Project Title: <i>What laundry detergent has the strongest enzymes?</i>		

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### Alliance MS, Alliance

<b>Mr Jordan Schwartz</b> Grade: 6    Project Type: Individual <i>Project Title: Shape Changes Everything</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Ms Allenna Bertram</b> Grade: 7    Project Type: Team <i>Project Title: Temperature's Affect On The Efficency of a Fuel Cell.</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Ms Caroline Denny</b> Grade: 7    Project Type: Team <i>Project Title: Temperature's Affect On The Efficency of a Fuel Cell.</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Ms Hanna Mazzei</b> Grade: 7    Project Type: Team <i>Project Title: Temperature's Affect On The Efficency of a Fuel Cell.</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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### Anderson HS, Cincinnati

<b>Mr Anastasios A Manganaris</b> Grade: 10    Project Type: Individual <i>Project Title: Computational Analysis of RNA-seq Data Utilizing Gene Set Enrichment Analysis (GSEA)</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Mr Panayotis T Manganaris</b> Grade: 12    Project Type: Individual <i>Project Title: What is the Mass of a Charmed Lambda+ Baryon?</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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### Anna HS, Anna

<b>Mr Bradley Axe</b> Grade: 12    Project Type: Individual <i>Project Title: Chicken Manure Nutrient Expirement</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b> 019 SCH
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### Harold C. Shaw Outstanding School Award

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### Anna HS, Anna

**Mr Kyle Christman**

Grade: 12 Project Type: Individual

Project Title: *The Effects of Peppermint on Mental Performance When Solving a Rubik's Cube*

**OAS AWARD**

Superior

### Harold C. Shaw Outstanding School Award

**Sponsored Awards -if any**

**Ms Briana Fanaff**

Grade: 12 Project Type: Individual

Project Title: *Effect of Overcrowding on Soybean Growth*

**OAS AWARD**

Superior

**Sponsored Awards -if any**

**Ms Courtney Hollenbacher**

Grade: 12 Project Type: Individual

Project Title: *Omega Chicken*

**OAS AWARD**

Excellent

**Sponsored Awards -if any**

**Mr Lucas Huber**

Grade: 12 Project Type: Individual

Project Title: *Weed Growth In Mulch*

**OAS AWARD**

Superior

**Sponsored Awards -if any**

**Mr Nathan Osborne**

Grade: 12 Project Type: Individual

Project Title: *Creating a Cost Effective PCR Machine*

**OAS AWARD**

Superior

**Sponsored Awards -if any**

**Ms Ally Cisco**

Grade: 11 Project Type: Team

Project Title: *What's in a Face?*

**OAS AWARD**

Superior

**Sponsored Awards -if any**

**Ms Jane Homans**

Grade: 11 Project Type: Team

Project Title: *What's in a Face?*

**OAS AWARD**

Superior

**Sponsored Awards -if any**

### Ansonia MS, Ansonia

**Ms Marissa Shook**

Grade: 6 Project Type: Individual

Project Title: *What Can You Do to Prevent Apple Slices From Turning Brown?*

**OAS AWARD**

Superior

**Sponsored Awards -if any**

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### Arcanum HS, Arcanum

<b>Ms Sarah Riley</b> Grade: 11    Project Type: Individual <i>Project Title: Not Like the Movies</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Ms Paige Kreuzsch</b> Grade: 11    Project Type: Team <i>Project Title: Conformity to Consensus</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Ms Kayla Riegler</b> Grade: 11    Project Type: Team <i>Project Title: Conformity to Consensus</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Mr Karr Stump</b> Grade: 8    Project Type: Team <i>Project Title: Advertised Storage Amounts Fact or Not</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Mr vance wetzel</b> Grade: 8    Project Type: Team <i>Project Title: Advertised Storage Amounts Fact or Not</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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### Archbishop Alter HS, Kettering

<b>Ms Grace E Bradley</b> Grade: 10    Project Type: Individual <i>Project Title: Natural versus Synthetic Antacids</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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<b>Mr Matthew Buerschen</b> Grade: 9    Project Type: Individual <i>Project Title: Most Effective Solution for Road Treatment</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b> 079 HM
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<b>Mr Mark J Edsall</b> Grade: 10    Project Type: Individual <i>Project Title: Studying and Distractions</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b> 028 2ND
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### Archbishop Alter HS, Kettering

<b>Ms Charlotte Kunesh</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9    Project Type: Individual	Superior	
<i>Project Title: The Effect of Antibiotic Classes on Common Bacteria</i>		

<b>Ms Madelyn Noga</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10    Project Type: Individual	Excellent	
<i>Project Title: The Influence of pH on the Effectiveness of Various Cleaning Products</i>		

<b>Ms Mary Stier</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9    Project Type: Individual	Superior	
<i>Project Title: Testing the Five Second Rule: The Effect of Moisture Content on Bacterial Growth</i>		

<b>Mr David Switala</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10    Project Type: Individual	Superior	
<i>Project Title: The Efficiency of Solar Cells</i>		

<b>Ms Grace Thorstenson</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10    Project Type: Individual	Superior	
<i>Project Title: Effect of Kinesthetics on One's Memorization of Material</i>		

<b>Ms Arianna VanKirk</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9    Project Type: Individual	Excellent	
<i>Project Title: Survey of Primary Care Givers on Effects of Rooming-in for Newborns</i>		

<b>Ms Ashley Paige Vosler</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10    Project Type: Individual	Superior	
<i>Project Title: Dissolving Rates of Drugs in the Stomach</i>		

<b>Ms Sara Yacoub</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10    Project Type: Individual	Superior	028 1ST 148 1ST
<i>Project Title: The Effect of Meditation and Prayer on Heart Rate Variability and Emotional Intelligence</i>		

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### Archbishop Hoban, Akron

<b>Ms Maria Dhinojwala</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 11    Project Type: Individual	Superior	160 1ST
<i>Project Title: Surface Tension with Molecular Dynamics</i>		

### Archbishop Lyke-St Timothy, Garfield Hghts

<b>Ms Isyss Archie</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Excellent	
<i>Project Title: Warped Words and the Stroop Effect</i>		

<b>Ms Morgan Hudson</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Excellent	
<i>Project Title: Light Up Your Kitchen!</i>		

<b>Mr Demetrius Talton</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	No Show	
<i>Project Title: Two Face Refractions</i>		

<b>Ms Imoni Anderson</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Team	Excellent	
<i>Project Title: Did You Notice?</i>		

<b>Ms Ariyanna Toles</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Team	Excellent	
<i>Project Title: Did You Notice?</i>		

### Archbishop McNicholas HS, Cincinnati

<b>Mr Aidan W Guessford</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9    Project Type: Individual	Superior	148 1ST    233 1ST
<i>Project Title: Growth Inhibition of E.Coli from Pure Garlic and Pure Ginger Extracts</i>		

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### Archbold MS, Archbold

<b>Ms Carsyn Hagans</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Excellent	
Project Type: Individual		
Project Title: <i>The Effects of Chemical Weathering on Rocks</i>		

### Ashland Christian, Ashland

<b>Ms Maddie Shonkwiler</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Superior	
Project Type: Individual		
Project Title: <i>Is Smiling Contagious?</i>		

### Ashland MS, Ashland

<b>Mr Kaden Arangelovich</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Excellent	
Project Type: Individual		
Project Title: <i>Curdling Milk</i>		

### Athens HS, The Plains

<b>Mr Derek C Demel</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 12	Superior	061 1ST
Project Type: Individual		
Project Title: <i>Effectiveness of Negative Stiffness Devices at Resisting Seismic Force in Buildings</i>		

<b>Mr Samuel Joseph Dispenza</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9	Excellent	
Project Type: Individual		
Project Title: <i>Testing the Strength of a Biomorphic Column</i>		

<b>Mr Edward T Drabold</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 12	Superior	217 2ND
Project Type: Individual		
Project Title: <i>Bicarbonate enriched algae growth system with applications to bioplastics and biofuels</i>		

<b>Mr Adeel Koshal</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9	Superior	145 2ND
Project Type: Individual		
Project Title: <i>The Difference Between Attended And Unattended Blood Pressure</i>		



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### Athens HS, The Plains

<b>Ms Nora R Sullivan</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9    Project Type: Individual	Excellent	
<i>Project Title: Decontaminating Acid Mine Drainage</i>		

<b>Ms Zoe A Williams</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9    Project Type: Individual	Excellent	
<i>Project Title: Cosmic Particle Reactions In A Cloud Chamber</i>		

### Athens MS, Athens

<b>Ms Nora Anderson</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Excellent	
<i>Project Title: Is There a Correlation Between Rates of Flu and Unemployment Rates in Ohio?</i>		

<b>Mr Ben Castelino</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Excellent	
<i>Project Title: Are emojis an effective way to communicate emotions?</i>		

<b>Ms Jennifer Chen</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Excellent	178 1ST
<i>Project Title: Detection and Analysis of Pesticides in Conventional and Organic Produce</i>		

<b>Mr Denis Govorov</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Superior	
<i>Project Title: Infrared Sensor Array</i>		

<b>Mr Markell Green</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Superior	148 1ST
<i>Project Title: Gridiron Battle Body Armor</i>		

<b>Mr Jake McCarthy</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Superior	178 1ST
<i>Project Title: The Science behind the Glide of a Hockey Puck</i>		

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### Athens MS, Athens

<b>Ms Tian Zhang</b> Grade: 8    Project Type: Individual <i>Project Title: Nutrients in Strouds Run</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b> 091 1ST
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<b>Ms Lourdes Benencia Courreges</b> Grade: 8    Project Type: Team <i>Project Title: Bacterial Growth and Music</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Ms Hannah Bernstein</b> Grade: 8    Project Type: Team <i>Project Title: Bacterial Growth and Music</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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### Beaumont School, Cleveland Hts

<b>Ms Katherine Bagley</b> Grade: 9    Project Type: Individual <i>Project Title: Efficiency By The Blade</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Ms Gabriella Belsito</b> Grade: 9    Project Type: Individual <i>Project Title: IS RADIATION HEALTHY FOR PLANTS?</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Ms Grace Elhindi</b> Grade: 9    Project Type: Individual <i>Project Title: Photovoltaics, Futuristic Solution.</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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<b>Ms Natalie Haddad</b> Grade: 11   Project Type: Individual <i>Project Title: Got Milk? Mapping the Zinc Concentration in Homemade vs. Silk Almond Milk</i>	<b>OAS AWARD</b> No Show	<b>Sponsored Awards -if any</b>
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<b>Ms Meghan Kessinger</b> Grade: 10   Project Type: Individual <i>Project Title: "Oh Gee, Look At All That Algae!"</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b> 197 3RD
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### Beaumont School, Cleveland Hts

	OAS AWARD	Sponsored Awards -if any
<b>Ms Katherine McGreal</b>	No Show	
Grade: 11	Project Type: Individual	
Project Title:	<i>Evaluating Pulmonary Function Testing Results and Their Impact on Postoperative Outcomes</i>	

### Beavercreek HS, Beavercreek

	OAS AWARD	Sponsored Awards -if any
<b>Mr Rohit V Chakravarthy</b>	Superior	059 4TH 147 1ST
Grade: 12	Project Type: Individual	
Project Title:	<i>Primary user authentication of cognitive radio using underlay waveform</i>	

	OAS AWARD	Sponsored Awards -if any
<b>Mr Prathik A Chakravarthy</b>	Superior	
Grade: 10	Project Type: Team	
Project Title:	<i>Design and evaluation of optimal classifier as diagnostic screen for Autism Spectrum Disorder</i>	

	OAS AWARD	Sponsored Awards -if any
<b>Mr Sudarshan V Chakravarthy</b>	Superior	
Grade: 9	Project Type: Team	
Project Title:	<i>Design and evaluation of optimal classifier as diagnostic screen for Autism Spectrum Disorder</i>	

### Bell Creek ES, Bellbrook

	OAS AWARD	Sponsored Awards -if any
<b>Mr Wesley Peters</b>	Superior	
Grade: 5	Project Type: Individual	
Project Title:	<i>Do You Use the Right Cup?</i>	

	OAS AWARD	Sponsored Awards -if any
<b>Ms Anya Scrumpf</b>	Excellent	
Grade: 5	Project Type: Individual	
Project Title:	<i>What materials can keep an egg from breaking?</i>	

### Bellbrook HS, Bellbrook

	OAS AWARD	Sponsored Awards -if any
<b>Ms Rachel I Kahler</b>	Superior	221 1ST
Grade: 10	Project Type: Individual	
Project Title:	<i>Martian Storm Severity Scale</i>	

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### Bellbrook HS, Bellbrook

<b>Mr Benjamin N Slauenwhite</b> Grade: 12    Project Type: Individual <i>Project Title: Rocket's Red Glare</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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### Bellbrook MS, Bellbrook

<b>Ms Nitika Arora</b> Grade: 7    Project Type: Individual <i>Project Title: Acids &amp; Bases</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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<b>Ms Sarah Bevelhymer</b> Grade: 7    Project Type: Individual <i>Project Title: Blood Glucose Levels</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Mr Sam Borszcz</b> Grade: 7    Project Type: Individual <i>Project Title: Can Color Trick Your Taste Buds?</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Ms Dasha Crocker</b> Grade: 8    Project Type: Individual <i>Project Title: The Half-Mile Challenge</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Mr Kai Delsing</b> Grade: 8    Project Type: Individual <i>Project Title: Aviator vs. Avian</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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<b>Ms Kaori Delsing</b> Grade: 6    Project Type: Individual <i>Project Title: Sugar Showdown</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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<b>Ms Mallory Gedeon</b> Grade: 7    Project Type: Individual <i>Project Title: Fish Farming</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b> 030 HM
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### Bellbrook MS, Bellbrook

<b>Mr Derek Peterson</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Excellent	
<i>Project Title: Piano Overtone Acoustics</i>		

<b>Ms Karin Peterson</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6    Project Type: Individual	Excellent	
<i>Project Title: Baking soda and vinegar "rocket"</i>		

<b>Ms Abigail Stokes</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Excellent	
<i>Project Title: The Science of Oxidation</i>		

### Benjamin Logan HS, Bellefontaine

<b>Mr Chance Frater</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9    Project Type: Individual	Excellent	
<i>Project Title: Medieval Remedy</i>		

<b>Ms Sarah Seeley</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 11    Project Type: Individual	Superior	018 2ND 193 2-ALT
<i>Project Title: Soybean Peroxidase</i>		

### Bethel ES, Tipp City

<b>Ms Allison Cartwright</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 5    Project Type: Team	Superior	
<i>Project Title: Levitating Letters</i>		

<b>Ms Julie Sebastian</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 5    Project Type: Team	Superior	
<i>Project Title: Levitating Letters</i>		

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### Bethel JS, Tipp City

<b>Mr Lucas Arnold</b> Grade: 6    Project Type: Individual <i>Project Title: Memory Enhancer</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Ms Liezl Gustafson</b> Grade: 7    Project Type: Individual <i>Project Title: Temperature's Effect on Muscles</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Ms Lisa Sebastian</b> Grade: 8    Project Type: Individual <i>Project Title: The Effects of Age, Gender, and Fitness Level on Heart Rate Recovery</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Ms Alaina Yarwick</b> Grade: 8    Project Type: Individual <i>Project Title: Effectiveness of Soap</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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### Big Walnut HS, Sunbury

<b>Ms Madison A Aleshire</b> Grade: 12    Project Type: Individual <i>Project Title: Aquaponics: Monitoring Growth of <i>Perca flavescens</i>, <i>Oreochromis aureus</i> and <i>Lactuca sativa</i></i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b> 030 2ND
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<b>Ms Abigail L Myers</b> Grade: 12    Project Type: Individual <i>Project Title: Oil Spill Clean-Up in Extreme Arctic Conditions</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b> 108 EXC    139 1ST
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### Big Walnut Intermediate, Sunbury

<b>Mr William Acree</b> Grade: 5    Project Type: Individual <i>Project Title: Electrifying Magnet Might</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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<b>Mr Cale Borland</b> Grade: 5    Project Type: Individual <i>Project Title: Football Air Pressure Deflategate or Temperature</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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### Big Walnut Intermediate, Sunbury

<b>Ms Adeline Butler</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 5	Superior	
Project Type: Individual		
Project Title: <i>Measuring Photosynthesis in Aquatic Plants at Various Color Wavelengths</i>		

<b>Ms Celia Car</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 5	Superior	
Project Type: Individual		
Project Title: <i>Yeast Carbon Dioxide Release</i>		

<b>Ms Audrey Stoneberg</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 5	Excellent	
Project Type: Individual		
Project Title: <i>Is A Dog's Or Human's Mouth Cleaner?</i>		

### Big Walnut MS, Sunbury

<b>Ms Abbey Danne</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Excellent	
Project Type: Individual		
Project Title: <i>Grocery List Memory</i>		

### Birchwood School, Cleveland

<b>Mr Praveen Kumar</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Excellent	
Project Type: Individual		
Project Title: <i>How do the angles and speeds of wind received by different kinds of blades affect the amount of volts of energy produced?</i>		

<b>Mr Alexander Massier</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Superior	
Project Type: Individual		
Project Title: <i>Windmill Design: Factors That Affect Windmill Efficiency</i>		

<b>Ms Shruthi Ravichandran</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Superior	055 4TH
Project Type: Individual		
Project Title: <i>Do Coronal Mass Ejections Correlate with the Solar Sunspot Cycle?</i>		

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### Birchwood School, Cleveland

<b>Mr John Shin</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6    Project Type: Individual	Excellent	
<i>Project Title: Wind Energy</i>		

<b>Mr Jaden Stainforth</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6    Project Type: Individual	Excellent	
<i>Project Title: Fin Size vs. Flying Distance</i>		

<b>Mr Van Weinmann</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6    Project Type: Individual	Superior	
<i>Project Title: Based On Real Life Spiders And Their Webs, Is Spider-Man's Web Strength In The Amazing Spider-Man Movie Possible?</i>		

### Bishop Fenwick, Franklin

<b>Ms Lauren Boland</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10    Project Type: Individual	No Show	
<i>Project Title: Bridge Design and Tensile Strength</i>		

<b>Mr Luke Komarek</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10    Project Type: Individual	Superior	
<i>Project Title: Aquaponic Agriculture and Fertilization Versus Conventional Agriculture and Fertilization</i>		

<b>Ms Annabelle Thomas</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10    Project Type: Individual	Excellent	
<i>Project Title: The Effect of Aspirin on Plant Growth</i>		

### Bishop Fenwick, Zanesville

<b>Ms Emily Backus</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Excellent	
<i>Project Title: Electromagnet</i>		

<b>Ms Kennedy Tolliver</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Superior	
<i>Project Title: Wire Conduction Efficiency</i>		



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### Bishop Flaget, Chillicothe

<b>Ms Avery Brown</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6	Excellent	
Project Type: Individual		
Project Title: <i>Do sulfates have a negative effect on the health of hair</i>		

<b>Ms Danielle Fleurima</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Excellent	
Project Type: Individual		
Project Title: <i>Do Chemical Cleaners or Essential Oils Kill More Bacteria</i>		

<b>Ms Stephanie Hirsch</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Excellent	
Project Type: Individual		
Project Title: <i>Can Vinegar Be Used As A Natural Weed Killer?</i>		

<b>Mr Jacob Kelby Littler</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Superior	
Project Type: Individual		
Project Title: <i>Is Ross County Water Chlorine Percentage Consistent?</i>		

<b>Mr Aiden Spaulding</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6	Excellent	
Project Type: Individual		
Project Title: <i>Which Fruits And Vegetables Conduct Electricity the best</i>		

### Bishop John King Mussio Central ES, Steubenville

<b>Ms Liliana Hunt</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6	Excellent	
Project Type: Individual		
Project Title: <i>Can People Taste The Difference Between Brand Name and Generic Sunny D?</i>		

<b>Ms Ellen Rohde</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6	Superior	
Project Type: Individual		
Project Title: <i>Is Warm Air Cooled As it Passes Through A Funnel?</i>		

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### Bishop John King Mussio Central JS, Steubenville

<b>Ms Brianna Nicole DeChristopher</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Excellent	
Project Type: Individual		
Project Title: <i>Which Fertilizer Grows Rye Wheat the Best?</i>		

<b>Ms Brandi Li</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Excellent	
Project Type: Individual		
Project Title: <i>How Does Music Affect Concentration?</i>		

<b>Mr Nathan Lucas</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Superior	
Project Type: Individual		
Project Title: <i>How Do Winter Roads Affect Our Vehicles ?</i>		

<b>Mr Nate McManus</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6	Excellent	079 HM
Project Type: Individual		
Project Title: <i>Does the Potential Energy in a Peanut Heat Water?</i>		

<b>Mr Johnny O'Karma</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Excellent	087
Project Type: Individual		
Project Title: <i>How Does Microwave Radiation Affect Different Organisms?</i>		

### Bishop Leibold E & W Campus, Dayton

<b>Ms Marita Bockelman</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	No Show	
Project Type: Individual		
Project Title: <i>Brain Buzzer</i>		

<b>Ms Katie Cool</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Superior	
Project Type: Individual		
Project Title: <i>"They're Not Sticking!": A Gender Study on Frustration</i>		

<b>Ms Cassie Eckert</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Superior	
Project Type: Individual		
Project Title: <i>Bacteria Killers on the Loose: How does Nanosilver Affect Daphnia?</i>		

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### Bishop Leibold E & W Campus, Dayton

<b>Ms Camille Fultz</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Superior	
Project Type: Individual		
Project Title: <i>Generating Power Using A Microbial Fuel Cell</i>		

<b>Ms Ashley Gebhardt</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Superior	
Project Type: Individual		
Project Title: <i>Can Video Games Relieve Pain?</i>		

<b>Mr John Gilbert</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Superior	
Project Type: Individual		
Project Title: <i>The Timing of Fungicide Application and Its Effect on Soybean Yield</i>		

<b>Ms Arpita Gulati</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Excellent	
Project Type: Individual		
Project Title: <i>Causing Corrosion</i>		

<b>Mr Owen Major</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Excellent	
Project Type: Individual		
Project Title: <i>Coloring Your Mind</i>		

<b>Ms Molly Noga</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Superior	
Project Type: Individual		
Project Title: <i>Shaping Your Thoughts and the Stroop Effect</i>		

### Black River HS, Sullivan

<b>Mr Nathan Jackson</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9	Superior	
Project Type: Team		
Project Title: <i>Effect of Crumple Size on Peak Force During Impact</i>		

<b>Mr Devon McLean</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9	Superior	
Project Type: Team		
Project Title: <i>Effect of Crumple Size on Peak Force During Impact</i>		

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### Blendon MS, Westerville

<b>Ms Addy Moore</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Team	Excellent	
<i>Project Title: Distance and Accuracy of Catapults</i>		

<b>Ms Finn Tan</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Team	Excellent	
<i>Project Title: Distance and Accuracy of Catapults</i>		

### Blessed Sacrament, Newark

<b>Ms Sara Moore</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6    Project Type: Individual	Superior	
<i>Project Title: "Apples to Apples: How Sweet It Is! How Do the Sugar Levels of Different Types of Apples Vary?"</i>		

### Bloom Carroll HS, Carroll

<b>Ms Melanie Casto</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 12    Project Type: Individual	Superior	
<i>Project Title: Bacteria in Restaureant Ice Water</i>		

<b>Mr Lane Eggleston</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9    Project Type: Individual	Excellent	
<i>Project Title: Which Wax Works Better For Skateboarding?</i>		

<b>Ms Abigail Esbenshade</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9    Project Type: Individual	Superior	
<i>Project Title: The Insulating Effectiveness of Various Window Coverings</i>		

<b>Ms Mikhayla A Henry</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 11    Project Type: Individual	Excellent	
<i>Project Title: Different Sorbents' Effectiveness on Diesel Fuel</i>		

<b>Ms Alexandra Kimmins</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9    Project Type: Individual	Excellent	
<i>Project Title: Visual and Auditory Learning</i>		

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### Bloom Carroll HS, Carroll

	OAS AWARD	Sponsored Awards -if any
<b>Ms Anna M Kruse</b>	Superior	
Grade: 11	Project Type: Individual	
Project Title:	<i>Monosodium Glutamate: A Ligand for mGluRs, Inducing Microtubule Depolymerization and Alzheimer's Disease ?</i>	

	OAS AWARD	Sponsored Awards -if any
<b>Mr Joseph D Kruse</b>	Excellent	019 SCH 169 HM
Grade: 10	Project Type: Individual	
Project Title:	<i>Salicylic Acid's Effect on Triticum aestivum During Drought Stress</i>	

	OAS AWARD	Sponsored Awards -if any
<b>Ms Kelley Lach</b>	Excellent	
Grade: 9	Project Type: Individual	
Project Title:	<i>The Effect of Caffeine on the Heart Rate of Daphnia magna</i>	

	OAS AWARD	Sponsored Awards -if any
<b>Ms Carter Myers</b>	Excellent	070 HM
Grade: 6	Project Type: Individual	
Project Title:	<i>Air Pollution</i>	

	OAS AWARD	Sponsored Awards -if any
<b>Ms Camryn Payne</b>	Excellent	205 SCH
Grade: 11	Project Type: Individual	
Project Title:	<i>Decomposition of Bioplastics</i>	

	OAS AWARD	Sponsored Awards -if any
<b>Ms Megan L Phipps</b>	Excellent	
Grade: 11	Project Type: Individual	
Project Title:	<i>Utilizing Sorbent Booms To Lessen The Environmental Impact Of Ocean Oils Spills</i>	

	OAS AWARD	Sponsored Awards -if any
<b>Ms Cassidy G Smith</b>	Superior	
Grade: 9	Project Type: Individual	
Project Title:	<i>Biodiesel vs. Diesel: A Comparison of Energy Contents</i>	

	OAS AWARD	Sponsored Awards -if any
<b>Ms Lacie Surrell</b>	No Show	
Grade: 11	Project Type: Individual	
Project Title:	<i>A Study of EHT and its Effects on Brain Health</i>	

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### Bloom Carroll HS, Carroll

<b>Ms Payton Swartz</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 12	Superior	
Project Type: Individual		
Project Title: <i>Effects of Radiation on Organisms</i>		

<b>Ms Zoe Thacker Tyler</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 11	Superior	
Project Type: Individual		
Project Title: <i>How does the amount of microorganisms affect soy bean growth?</i>		

<b>Mr Ian Wolfe</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9	Superior	217 3RD
Project Type: Individual		
Project Title: <i>The Effects of Temperature on Solar Panel Efficiency</i>		

<b>Ms Grace Lach</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 11	Excellent	
Project Type: Team		
Project Title: <i>The Effect of Fat Content of Ground Beef on Microorganism Growth</i>		

<b>Mr Grant S Lach</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 11	Excellent	
Project Type: Team		
Project Title: <i>The Effect of Fat Content of Ground Beef on Microorganism Growth</i>		

### Bloom Carroll MS, Carroll

<b>Ms Emmi Brengman</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Superior	
Project Type: Individual		
Project Title: <i>Which Testing Method Makes the Grade?</i>		

<b>Ms AnnaMarie Cline</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Excellent	
Project Type: Individual		
Project Title: <i>Which Liquid Stains Teeth the Most?</i>		

<b>Ms Sophia Haughn</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6	Excellent	
Project Type: Individual		
Project Title: <i>The Rate of Photosynthesis</i>		

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### Bloom Carroll MS, Carroll

<b>Mr Ian Johnson</b>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
Grade: 6    Project Type: Individual		
<i>Project Title: Are Your Eyes Playing Tricks On You?</i>		

<b>Ms Emily A. Kruse</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual		
<i>Project Title: Mycorrhizal Fungi Alleviating Drought Stress</i>		

<b>Ms Grace Kruse</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b> 221 HM 055 5th
Grade: 6    Project Type: Individual		
<i>Project Title: Electronic Media vs. Paper: The Effect on Students Reading Comprehension</i>		

<b>Ms Abigail Lister</b>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b> 147 1ST
Grade: 7    Project Type: Individual		
<i>Project Title: How Can Different Levels of Indole-3-Butyric Acid Affect Root Growth</i>		

<b>Ms Emily Plageman</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
Grade: 6    Project Type: Individual		
<i>Project Title: The Effect of Folic Acid on Cell Shape</i>		

<b>Mr Timothy Plageman</b>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual		
<i>Project Title: Effects of Cold Temperatures on ovo and p66 Transcription</i>		

<b>Ms Emily Swope</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
Grade: 6    Project Type: Individual		
<i>Project Title: The Strength of Glues</i>		

### Bowling Green Christian Academy, Bowling Green

<b>Ms Stella Ferris</b>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual		
<i>Project Title: Oxygen in the Air</i>		

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### Bowling Green Christian Academy, Bowling Green

<b>Ms Anna Fyfe</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
Grade: 7	Project Type: Individual	
Project Title:	<i>The Effect of Pollution on the Daphnia Population</i>	

<b>Mr Matthew Fyfe</b>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
Grade: 8	Project Type: Individual	
Project Title:	<i>The Effect of Salt on the Production of Hydrogen during Electrolysis.</i>	

### Bowling Green HS, Bowling Green

<b>Ms Hannah Bowlus</b>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
Grade: 10	Project Type: Individual	
Project Title:	<i>Voltage Output Related to Temperature Difference in the Thermoelectric Effect</i>	

<b>Mr Bryce Hoehner</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b> 019 SCH 182 1ST
Grade: 10	Project Type: Individual	
Project Title:	<i>The Effects of Wind Velocity on the Roots of Tomato Plants</i>	

### Bradford HS, Bradford

<b>Ms Alexis Barhorst</b>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
Grade: 7	Project Type: Individual	
Project Title:	<i>Culinary Chemistry</i>	

### Brookville HS, Brookville

<b>Mr Jeremiah Penick</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b> 148 1ST
Grade: 11	Project Type: Individual	
Project Title:	<i>The Effects of Bromelain on Coagulated Blood</i>	

<b>Ms Erin Tomlin</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
Grade: 12	Project Type: Individual	
Project Title:	<i>Bioluminescence</i>	



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### Buckeye Valley Local MS, Delaware

<b>Ms Lisa Choe</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Superior	
Project Type: Individual		
Project Title: <i>The Speed at Which Varying Forms of Advil Dosages Dissolve in Carbonated Apple Juice</i>		

<b>Ms Miriam Dile</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6	Excellent	
Project Type: Individual		
Project Title: <i>The Stroop Effect</i>		

<b>Mr Tyler Fenstermaker</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Superior	070 HM
Project Type: Individual		
Project Title: <i>Parachutes: Points of Attachment</i>		

<b>Ms Clara Janow</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Superior	
Project Type: Individual		
Project Title: <i>pH vs. Bacteria</i>		

<b>Ms Teresa Marie King</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Superior	
Project Type: Individual		
Project Title: <i>How do different sugars and sugar substitutes affect the calories in muffins?</i>		

<b>Ms Janet Li</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Excellent	
Project Type: Individual		
Project Title: <i>Catching A Criminal</i>		

<b>Ms Evy Wirth</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Excellent	
Project Type: Individual		
Project Title: <i>Color vs Gender</i>		

### Bucyrus MS, Bucyrus

<b>Ms Karmyn Blizzard</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Superior	
Project Type: Individual		
Project Title: <i>How long does Milk last after its expiration date?</i>		

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### Bucyrus MS, Bucyrus

<b>Ms Caleigh Rister</b> Grade: 8    Project Type: Individual <i>Project Title: Text Color and Memory</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Ms Taisha Spears</b> Grade: 8    Project Type: Individual <i>Project Title: Testing Natural Dyes</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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### Bunsold MS, Marysville

<b>Ms Abby Kay Griffith</b> Grade: 7    Project Type: Individual <i>Project Title: Look And Listen</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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<b>Ms Madeline Irving</b> Grade: 7    Project Type: Individual <i>Project Title: Natural Versus Man-Made Sanitizers</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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### Canfield Village MS, Canfield

<b>Ms Aurora D Fares</b> Grade: 8    Project Type: Individual <i>Project Title: Voltage and Electroplating: Is More Better? The Results Are Shocking!</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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### Canton Country Day, Canton

<b>Ms Olivia Barta</b> Grade: 7    Project Type: Individual <i>Project Title: Childproof or a Major Goof</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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<b>Ms Leila Hamdan</b> Grade: 7    Project Type: Individual <i>Project Title: Unfamiliar Faces</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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### Canton Country Day, Canton

<b>Mr Connor McNulty</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Excellent	
<i>Project Title: Battle of Strengths</i>		

<b>Mr Corbin Williams</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Excellent	136 2ND
<i>Project Title: Evaluating Compost Mixtures Through Heat Generation</i>		

### Carroll HS, Dayton

<b>Mr Grant Arnold</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9    Project Type: Individual	Superior	055 3RD
<i>Project Title: Write An Unbeatable Connect 4 Program</i>		

<b>Mr Andrew Barbaro</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 11    Project Type: Individual	Superior	232 2ND    147 2ND    055 1ST
<i>Project Title: SafeSeat</i>		

<b>Ms Olivia Bartlett</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9    Project Type: Individual	Excellent	
<i>Project Title: How does the Type of Fruit Affect the Amount of UV Light Reflected?</i>		

<b>Ms Victoria Bartlett</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9    Project Type: Individual	Superior	
<i>Project Title: The Effect of Different Microorganisms on Double Chamber Microbial Fuel Cells</i>		

<b>Ms Annie Bete</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10    Project Type: Individual	Excellent	134 3RD
<i>Project Title: Inexpensive Colorimeter</i>		

<b>Mr Jonah Carter</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10    Project Type: Individual	Excellent	
<i>Project Title: Oil Based Protective Lubricant Effects on Aged Polyvinyl Chloride Automotive Interior Materials</i>		

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### Carroll HS, Dayton

<b>Mr Andrew Connair</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9	Excellent	
Project Type: Individual		
Project Title: <i>Impact of Blade Angle Change on Hydro Turbines and Their Efficiency</i>		

<b>Mr Jason Dong</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 11	Superior	
Project Type: Individual		
Project Title: <i>The Power of Biochar + NPK on Crop Growth</i>		

<b>Ms Hayley Jesse</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10	Superior	067 3rd
Project Type: Individual		
Project Title: <i>Optimizing Thrust Produced by Propeller Blades with Dimpled Surfaces</i>		

<b>Ms Cathryn Leies</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9	Excellent	
Project Type: Individual		
Project Title: <i>Effect of Soil Type on Bearing Capacity</i>		

<b>Ms Amy Li</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10	Superior	080 HM
Project Type: Individual		
Project Title: <i>Maximizing Bio-Electrical Production of a Microbial Fuel Cell: Choosing Best Bacteria</i>		

<b>Mr Curtis Mackey</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10	Superior	
Project Type: Individual		
Project Title: <i>Effects of Spin Produced by Angled Fins on Rocket Performance</i>		

<b>Mr Peter J Menart</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 11	Superior	
Project Type: Individual		
Project Title: <i>Increased Tidal Barrage Energy Output through Pumping</i>		

<b>Mr Travis O'Leary</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10	Superior	019 SCH 080 3RD
Project Type: Individual		
Project Title: <i>Th Liquid Nitrogen Solution To Ocean Oil Spills</i>		

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### Carroll HS, Dayton

	OAS AWARD	Sponsored Awards -if any
<b>Ms Corrine Ruble</b>	Superior	
Grade: 9	Project Type: Individual	
Project Title:	<i>The Effect of Different Cooking Methods on Vitamin C in Broccoli</i>	

	OAS AWARD	Sponsored Awards -if any
<b>Ms Madeleine Sanders</b>	Superior	
Grade: 9	Project Type: Individual	
Project Title:	<i>The Effect of Protective Coatings for Limestone Structures</i>	

	OAS AWARD	Sponsored Awards -if any
<b>Mr Khym Christian Valenzuela</b>	Excellent	157 1ST
Grade: 10	Project Type: Individual	
Project Title:	<i>The Effect of Iron Deficiency on Chlamydomonas reinhardtii</i>	

	OAS AWARD	Sponsored Awards -if any
<b>Mr John J Wells</b>	Superior	145 2ND
Grade: 11	Project Type: Individual	
Project Title:	<i>The Antimicrobial Effects of Bee Propolis on MRSA, VRE, S. aureus and S. pyogenes</i>	

	OAS AWARD	Sponsored Awards -if any
<b>Mr Michael Price</b>	Excellent	
Grade: 11	Project Type: Team	
Project Title:	<i>The Effect of a Cold Launch System on Getting Cargo into Space for the Least Amount of Money</i>	

	OAS AWARD	Sponsored Awards -if any
<b>Mr Cameron Provonsil</b>	Excellent	
Grade: 11	Project Type: Team	
Project Title:	<i>The Effect of a Cold Launch System on Getting Cargo into Space for the Least Amount of Money</i>	

### Catholic Central, Steubenville

	OAS AWARD	Sponsored Awards -if any
<b>Ms Elise Leonard</b>	Excellent	
Grade: 7	Project Type: Individual	
Project Title:	<i>How Does Gender Affect the Role of Color in Taste Perception?</i>	

### Catholic Central JS/HS, Springfield

	OAS AWARD	Sponsored Awards -if any
<b>Mr Will Baron</b>	Excellent	
Grade: 6	Project Type: Individual	
Project Title:	<i>Copper Sulfate Electroplating</i>	

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### Catholic Central JS/HS, Springfield

<b>Mr Drew Duffey</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6	Superior	
Project Type: Individual		
Project Title: <i>The Effect of Antibacterial Properties of Foods on Bacterial Growth</i>		

<b>Mr Matthew Mayhan</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Excellent	
Project Type: Individual		
Project Title: <i>Low or High, Small or Wide: Does Height Matter When it Comes to Spatter?</i>		

### Central College Christian Academy, Westerville

<b>Ms Megan Stevens</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 5	Superior	
Project Type: Individual		
Project Title: <i>Does It Get Any Sweeter Than This?</i>		

### Charity Adams Earley Girls Academy, Dayton

<b>Ms Paige Black</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Superior	
Project Type: Team		
Project Title: <i>Make A Battery Out Of Air</i>		

<b>Ms Gaibrielle Cosby</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Superior	
Project Type: Team		
Project Title: <i>Make A Battery Out Of Air</i>		

### Charles Huber ES, Huber Hts

<b>Ms Enna Eastman</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 5	Excellent	
Project Type: Individual		
Project Title: <i>To Rust Or Not To Rust</i>		

<b>Ms Emma Mainord</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6	Superior	
Project Type: Individual		
Project Title: <i>Sugar Shock</i>		

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### Charles Huber ES, Huber Hts

<b>Mr Chase Wolford</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 5	Good	
Project Type: Individual		
Project Title: <i>Which Truss Bridge Design Holds More Weight?</i>		

### Chesapeake MS, Chesapeake

<b>Ms Kelley Dingus</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6	Excellent	
Project Type: Individual		
Project Title: <i>Healthy Gum</i>		

<b>Mr Dawson Forbush</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6	Superior	
Project Type: Individual		
Project Title: <i>Bacterial Biohazard: An Analysis of School Surface Bacteria</i>		

<b>Ms Allison Plantz</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6	Superior	
Project Type: Individual		
Project Title: <i>Seeing Eye to Eye</i>		

<b>Mr Elijah Snyder</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Superior	
Project Type: Individual		
Project Title: <i>Creating The Most Effective Generator</i>		

### Chillicothe MS, Chillicothe

<b>Mr AJ Noel</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 5	Excellent	
Project Type: Individual		
Project Title: <i>Can WiFi Signal affect the growth of plants</i>		

### Circleville HS, Circleville

<b>Ms Shalynn Ford</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9	DQ	
Project Type: Team		
Project Title: <i>Which Material Absorbs the Most Shock?</i>		

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### Circleville HS, Circleville

	OAS AWARD	Sponsored Awards -if any
<b>Ms Abigail Travis</b>	DQ	
Grade: 9		
Project Type: Team		
Project Title: <i>What Material Absorbs the Most Shock?</i>		

### Circleville MS, Circleville

	OAS AWARD	Sponsored Awards -if any
<b>Ms Mearan Bahney</b>	Superior	058 1ST 067 3RD 178 1ST 106 1ST
Grade: 7		
Project Type: Individual		
Project Title: <i>What radioactive household items emit the most Alpha, Beta, and Gamma particles?</i>		

	OAS AWARD	Sponsored Awards -if any
<b>Ms Emma Beavers</b>	Excellent	
Grade: 7		
Project Type: Individual		
Project Title: <i>Does a robot follow light better from different flashlight heights?</i>		

	OAS AWARD	Sponsored Awards -if any
<b>Ms Autumn Derosette</b>	Superior	
Grade: 8		
Project Type: Individual		
Project Title: <i>Does Hot Water Freeze Faster than Cold Water?</i>		

	OAS AWARD	Sponsored Awards -if any
<b>Mr Jack Holcomb</b>	Superior	053 1ST 061 3RD
Grade: 7		
Project Type: Individual		
Project Title: <i>Which type of basic truss bridge has the greatest weight bearing capacity?</i>		

	OAS AWARD	Sponsored Awards -if any
<b>Ms Hannah Kegley</b>	Superior	
Grade: 8		
Project Type: Individual		
Project Title: <i>Classical Music's Effect On Test Productivity</i>		

	OAS AWARD	Sponsored Awards -if any
<b>Ms Gretchen Search</b>	Excellent	
Grade: 8		
Project Type: Individual		
Project Title: <i>Does fin angle affect altitude of a rocket?</i>		

### Clay MS, Portsmouth

	OAS AWARD	Sponsored Awards -if any
<b>Mr Andrew Zuefle</b>	Excellent	
Grade: 6		
Project Type: Individual		
Project Title: <i>Does Wi-Fi use your phone battery power more?</i>		



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### Columbia HS, Columbia Station

<b>Ms Jessica Saki</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 11	No Show	
Project Type: Individual		
Project Title: <i>Ideal Conditions for Coacervate Formation</i>		

<b>Mr Jared Swartz</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9	Superior	051 2ND
Project Type: Individual		
Project Title: <i>Runoff Affects on Daphnia Magna</i>		

<b>Ms Jordan Wasko</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 11	Excellent	
Project Type: Individual		
Project Title: <i>Fast Gas</i>		

<b>Ms Natalie Wilkins</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 11	Excellent	
Project Type: Individual		
Project Title: <i>Rethink your Drink</i>		

### Columbia MS, Columbia Station

<b>Ms Elise Champagne</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 5	Excellent	
Project Type: Individual		
Project Title: <i>Does the Presence and Size of Seed Crystals Affect Crystal Growth?</i>		

<b>Ms Madeleine Finton</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Superior	
Project Type: Individual		
Project Title: <i>Maximize Iron Absorption</i>		

<b>Ms Samantha Geiger</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 5	Superior	
Project Type: Individual		
Project Title: <i>Hydroponics vs Soil</i>		

<b>Mr William Hunt</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6	Superior	239 SCH
Project Type: Individual		
Project Title: <i>A+ Gaming: Can Computer Games Help Educate Kids?</i>		

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### Columbia MS, Columbia Station

<b>Ms Claire Lind</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 5	Excellent	
Project Type: Individual		
Project Title: <i>Which Liquid Makes an Apple Oxidize the Fastest?</i>		

<b>Mr Ethan Valentine</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 5	Excellent	
Project Type: Individual		
Project Title: <i>Fruit Battery</i>		

### Columbian HS, Tiffin

<b>Ms Carly Schafer</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10	Excellent	
Project Type: Team		
Project Title: <i>Respiration of Sugar by Yeast</i>		

<b>Ms Miranda Stallard</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 11	Excellent	
Project Type: Team		
Project Title: <i>Respiration of Sugar by Yeast</i>		

### Conesville ES, Conesville

<b>Ms Abby Haight</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6	Excellent	
Project Type: Individual		
Project Title: <i>Oil Spills: Clean- Up Materials</i>		

<b>Ms Lexi Slade</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6	Superior	
Project Type: Individual		
Project Title: <i>Alka- Seltzer: Does Temperature Matter?</i>		

### Coy MS, Beavercreek

<b>Mr Niththilan Ramanitharan</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Superior	
Project Type: Individual		
Project Title: <i>Is Our Water Safe?</i>		

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### C-Tec HS, Newark

<b>Ms Wanda Holderby</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 12    Project Type: Individual	Superior	
<i>Project Title: Preemies and Osmolality</i>		

### David H Ponitz Career Technology Center, Dayton

<b>Ms Samantha Woodgeard</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 12    Project Type: Individual	Superior	
<i>Project Title: Finding Impurities within Bayer and Ponitz CTC Aspirin</i>		

### Dawson-Bryant MS, Coal Grove

<b>Ms Kayleigh Rowe</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6    Project Type: Individual	Superior	
<i>Project Title: Are Childproof Containers Really Childproof?</i>		

### Dayton Islamic School, Beavercreek

<b>Ms Sanya Ikramuddin</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Superior	
<i>Project Title: Soil Nutrients and Conductivity</i>		

### Dayton Regional STEM School, Kettering

<b>Ms Lauren E Dalton</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 11    Project Type: Individual	Excellent	108 HM 139 3RD 193 1-ALT
<i>Project Title: Ethanol Fuel: Changing the Octane Levels in Gasoline</i>		

<b>Ms Leah Dalton</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9    Project Type: Individual	Excellent	033 1ST
<i>Project Title: Turbine Twist</i>		

<b>Mr Nathan Holty</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9    Project Type: Individual	Superior	
<i>Project Title: Electromagnetic Propulsion: Revolutionizing Space Exploration</i>		

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### Dayton Regional STEM School, Kettering

	OAS AWARD	Sponsored Awards -if any
<b>Ms Neeti Prasad</b>	Superior	221 HM
Grade: 8	Project Type: Individual	
Project Title:	<i>Harvesting Solar Energy and Body Heat Using Thermoelectric Generators</i>	

	OAS AWARD	Sponsored Awards -if any
<b>Ms Emilee Weir</b>	Excellent	
Grade: 10	Project Type: Individual	
Project Title:	<i>Lifting Wings 2.0: Winglets or Sharklets?</i>	

	OAS AWARD	Sponsored Awards -if any
<b>Ms Miracle Wilcoxson</b>	Excellent	
Grade: 9	Project Type: Individual	
Project Title:	<i>Milk Proteins</i>	

	OAS AWARD	Sponsored Awards -if any
<b>Ms Mollie Emrick</b>	Superior	
Grade: 9	Project Type: Team	
Project Title:	<i>Marcooking</i>	

	OAS AWARD	Sponsored Awards -if any
<b>Ms Isabela Nguyen</b>	Superior	
Grade: 9	Project Type: Team	
Project Title:	<i>Marcooking</i>	

### DeColores Montessori, Greenville

	OAS AWARD	Sponsored Awards -if any
<b>Mr Ryan Ballou</b>	Superior	
Grade: 8	Project Type: Individual	
Project Title:	<i>Red Colored Feed and It's Effect on Meat Chickens</i>	

	OAS AWARD	Sponsored Awards -if any
<b>Ms Katie Bruns</b>	Excellent	
Grade: 5	Project Type: Individual	
Project Title:	<i>If Wisconsin Plants are watered with rain water, well water, and vitamin water, which plant will grow the tallest?</i>	

	OAS AWARD	Sponsored Awards -if any
<b>Mr Kale Conway</b>	Excellent	
Grade: 8	Project Type: Individual	
Project Title:	<i>The Great Coolant Race</i>	

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### DeColores Montessori, Greenville

<b>Mr Graham Milligan</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Excellent	108 HM
<i>Project Title: Soybeans for Biodiesel</i>		

<b>Mr Ash Williams</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Excellent	
<i>Project Title: The Effect of Acidic Drinks on Teeth</i>		

### Delaware Christian, Delaware

<b>Mr Charles Chesnes</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 5    Project Type: Individual	Excellent	
<i>Project Title: sparks-a-jumping</i>		

### Dublin Coffman HS, Dublin

<b>Ms Akanksha Malhotra</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 12    Project Type: Individual	Superior	023 1ST 033 1st 033 1st
<i>Project Title: ME2 Expression is associated with Epilepsy</i>		

<b>Mr Justin J Nelson</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 11    Project Type: Individual	Superior	
<i>Project Title: Exposure to Light at Night Causes Cognitive Deficits</i>		

<b>Mr Prasanjit Sahoo</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9    Project Type: Individual	Superior	232 3RD
<i>Project Title: Algorithmic Patterns in Squared Numbers</i>		

<b>Mr Mukund Anand Seshadri</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9    Project Type: Individual	Superior	072 1ST 080 2ND
<i>Project Title: Is Your Water Safe to Drink? A Home Test Kit to Detect Lead in Water using Colorimetric Analysis</i>		

<b>Mr Ojas Deshpande</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9    Project Type: Team	Excellent	
<i>Project Title: FARADAY LENZ Law</i>		

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### Dublin Coffman HS, Dublin

<b>Mr Mohith Kankanala</b> Grade: 9    Project Type: Team <i>Project Title: FARADAY LENZ Law</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Mr Indrakaran Pippali</b> Grade: 9    Project Type: Team <i>Project Title: FARADAY LENZ Law</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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### Dublin Jerome HS, Dublin

<b>Ms Himani Akula</b> Grade: 9    Project Type: Individual <i>Project Title: Blue Light: Solutions for Blue Light Effect on Humans</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Mr Siddarth Mohan</b> Grade: 9    Project Type: Individual <i>Project Title: Will Soy Protein be an effective Filtration Method to Chemically Adsorb Aldehydes?</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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### East Community Learning Center, Akron

<b>Ms Amber Gough</b> Grade: 10    Project Type: Team <i>Project Title: does chemical lighting effect the structure of human hair</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Mr Kam'Ron Mathews</b> Grade: 10    Project Type: Team <i>Project Title: does chemical lighting effect the structure of human hair</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Ms Jayda Peterson</b> Grade: 10    Project Type: Team <i>Project Title: does chemical lighting effect the structure of human hair</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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### East Richland Christian School, St Clairsville

<b>Mr Nathan J Bell</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9    Project Type: Individual	Excellent	
<i>Project Title: Compost Energy</i>		

<b>Ms Kamryn Conners</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6    Project Type: Individual	Superior	
<i>Project Title: Apple Oxidation</i>		

<b>Mr Jonah Cottrell</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6    Project Type: Individual	Excellent	
<i>Project Title: Dissolution Times for Brand vs Generic Pain Medicines</i>		

<b>Mr Noah Crumm</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 5    Project Type: Individual	Superior	
<i>Project Title: comparison of MB per second</i>		

<b>Ms Ava Gainer</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 5    Project Type: Individual	Superior	
<i>Project Title: The Effects of Altering Popcorn Kernels</i>		

<b>Ms Bailey Gallagher</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6    Project Type: Individual	Superior	
<i>Project Title: .22 Ammo: Price vs Accuracy</i>		

<b>Ms Kylie M Gallagher</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Superior	079 HM 108 EXC 139 2ND
<i>Project Title: Well Length &amp; Production</i>		

<b>Ms Sarah E Lendon</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 12    Project Type: Individual	Superior	
<i>Project Title: Self-Designed Childproof Container</i>		

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### East Richland Christian School, St Clairsville

<b>Ms Dayton Mayle</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6    Project Type: Individual	Excellent	079 HM
<i>Project Title: Measuring UV Index</i>		

<b>Mr Aiden McMillan</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 5    Project Type: Individual	Superior	079 4TH    239 SCH
<i>Project Title: Comparison of the length of time a model house can remain standing during a simulated earthquake</i>		

<b>Mr Mackinnley Perkins</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 5    Project Type: Individual	Excellent	
<i>Project Title: Durability of Paper Towels</i>		

<b>Mr Timmy Joe Stoffer</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Superior	080 3RD
<i>Project Title: The Effect of Close-Range Wifi on Seed Germination</i>		

<b>Ms Eliana Watt</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Excellent	139 2ND
<i>Project Title: Soybean Oil Vs. Diesel Fuel</i>		

<b>Ms Kaylynn E Yockey</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Excellent	
<i>Project Title: Turbine Energy Production Based on Blade Span</i>		

### East Woods ES, Hudson

<b>Ms Megan Scheeser</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 5    Project Type: Individual	Superior	
<i>Project Title: Which Makes the Best Thermal Insulator?</i>		

### Eastern Intermediate ES, Beaver

<b>Mr Jesse Pennington</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Excellent	
<i>Project Title: Ping Pong Ball Cannon: A Study of Mass of a Projectile and its Effect on Velocity</i>		



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### Emerson ES, Westerville

<b>Mr Samson Gurgio</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 5	Superior	067 1ST
Project Type: Individual		
Project Title: <i>Just Winging It: Testing the Wing Folds of a Paper Airplane to Determine How That Affects Flying Distance</i>		

<b>Ms Kathryn Mowery</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 5	Superior	239 SCH
Project Type: Individual		
Project Title: <i>Soybeans with Additional Wind</i>		

### Emmanuel Baptist Christian School, Toledo

<b>Mr Blair Michael Fahnce</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9	Superior	
Project Type: Individual		
Project Title: <i>Fabrics: Dangerous or Safe?</i>		

### Emmanuel Christian Academy, Springfield

<b>Mr Stephen Bachowski</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 5	Excellent	
Project Type: Individual		
Project Title: <i>Analysis of a Potato BatteryJimmelyn Scoby</i>		

<b>Ms Samantha Fadley</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Excellent	
Project Type: Individual		
Project Title: <i>Is Your Best Friend Colorblind?</i>		

### Fairfield Christian Academy, Lancaster

<b>Mr Andrew Rouser</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6	Superior	
Project Type: Individual		
Project Title: <i>How Can the Power Output of a Solar Cell Be Increased?</i>		

<b>Mr Caleb Wheat</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6	Excellent	
Project Type: Individual		
Project Title: <i>What cleaning product removes protein and bacteria easiest and safest</i>		

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### Fairfield Local HS, Leesburg

**Ms Saylor Priest**

Grade: 9 Project Type: Individual  
Project Title: *Soybeans & Pesticides*

**OAS AWARD**

Excellent

**Sponsored Awards -if any**

### Fairfield Local MS, Leesburg

**Mr Connor Priest**

Grade: 8 Project Type: Individual  
Project Title: *Bacteria Vs Toothpaste*

**OAS AWARD**

Excellent

**Sponsored Awards -if any**

### Fairfield MS, Fairfield

**Ms Brielle Shorter**

Grade: 7 Project Type: Individual  
Project Title: *Smokin' Stoves*

**OAS AWARD**

Excellent

**Sponsored Awards -if any**

### Fairland HS, Proctorville

**Ms Katrina Abbott**

Grade: 10 Project Type: Individual  
Project Title: *Drinking Bacteria*

**OAS AWARD**

Excellent

**Sponsored Awards -if any**

**Mr Samir Atai**

Grade: 10 Project Type: Individual  
Project Title: *Vitamin C: Which Orange Juice is the Real Deal?*

**OAS AWARD**

Superior

**Sponsored Awards -if any**

**Ms Jasmine Barrick**

Grade: 9 Project Type: Individual  
Project Title: *Social Media and You*

**OAS AWARD**

Superior

**Sponsored Awards -if any**

**Ms Jenna Eubank**

Grade: 10 Project Type: Individual  
Project Title: *Be Soil My Heart*

**OAS AWARD**

Excellent

**Sponsored Awards -if any**

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### Fairland HS, Proctorville

<b>Mr Samuel J Harris</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 12    Project Type: Individual	Superior	
<i>Project Title: Effect of Fluid Shear on the Cytoskeleton of Smooth Muscle Cells</i>		

<b>Ms Sara-Kate Lewis</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9    Project Type: Individual	Excellent	
<i>Project Title: Nitrate Effects</i>		

<b>Ms Addison Speed</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9    Project Type: Individual	No Show	
<i>Project Title: Darkness Adaptation</i>		

<b>Ms Kelsie Warnock</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10    Project Type: Individual	Excellent	
<i>Project Title: Harboring Bacteria</i>		

<b>Mr Jared Wilkes</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 12    Project Type: Individual	Excellent	
<i>Project Title: Liquid Ice</i>		

<b>Ms Alice Zhang</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10    Project Type: Individual	Excellent	
<i>Project Title: Candy Dye Molecules</i>		

### Fairland West ES, Proctorville

<b>Mr Morgan Black</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 5    Project Type: Individual	Excellent	
<i>Project Title: Mind Control</i>		

<b>Ms McKinsey Wray</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 5    Project Type: Individual	Excellent	
<i>Project Title: Honey I shrunk the fabrics</i>		

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### Fayetteville Perry MS, Fayetteville

	OAS AWARD	Sponsored Awards -if any
<b>Ms Ainsley Beckler</b>	Superior	
Grade: 5	Project Type: Individual	
Project Title:	<i>Make Clothes Great Again!</i>	

### Firestone HS, Akron

	OAS AWARD	Sponsored Awards -if any
<b>Ms Carly Justice</b>	Superior	023 1ST
Grade: 10	Project Type: Individual	
Project Title:	<i>Traffic Safety: Best Retroreflective Colors for Elderly Drivers</i>	

### Fort Hayes Career Center, Columbus

	OAS AWARD	Sponsored Awards -if any
<b>Ms Tarma Obeng</b>	Excellent	
Grade: 12	Project Type: Individual	
Project Title:	<i>Sanger Sequencing Validation of B4GALT7 Compound Heterozygous Variants in a Family with a Rare Skeletal Dysplasia Disorder</i>	

### Fort Jennings HS, Fort Jennings

	OAS AWARD	Sponsored Awards -if any
<b>Mr Troy Sellma</b>	Excellent	
Grade: 8	Project Type: Individual	
Project Title:	<i>Which type of egg substitute makes cake rise the most?</i>	

	OAS AWARD	Sponsored Awards -if any
<b>Ms Sydney Siebeneck</b>	Superior	
Grade: 9	Project Type: Individual	
Project Title:	<i>What are the effects of over the counter medicines on the heart rate of the model organism Daphnia Magna?</i>	

	OAS AWARD	Sponsored Awards -if any
<b>Ms Mackenna Stechschulte</b>	Excellent	
Grade: 9	Project Type: Individual	
Project Title:	<i>What effect does the Stroop Effect and different genres of background music have on the concentration of workers?</i>	

### Franklin Twp ES, Wooster

	OAS AWARD	Sponsored Awards -if any
<b>Ms Lilee Mullen</b>	Superior	239 SCH
Grade: 5	Project Type: Individual	
Project Title:	<i>Soil Erosion</i>	

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### Garfield HS, Akron

	OAS AWARD	Sponsored Awards -if any
<b>Ms Leah Stanevich</b>	Superior	
Grade: 11	Project Type: Individual	
Project Title:	<i>The Effects of Phosphorus and Dissolved Oxygen Levels on Freshwater Ecosystems.</i>	

### Geneva HS, Geneva

	OAS AWARD	Sponsored Awards -if any
<b>Ms Jamie C Bradbury</b>	Superior	080 3RD
Grade: 11	Project Type: Individual	
Project Title:	<i>Biodegradation of Plastic Using Mealworms</i>	

	OAS AWARD	Sponsored Awards -if any
<b>Mr Ryan Downie</b>	Excellent	169 HM
Grade: 10	Project Type: Individual	
Project Title:	<i>Worms and Soybean Growth</i>	

	OAS AWARD	Sponsored Awards -if any
<b>Ms Natalie M Frank</b>	Superior	
Grade: 10	Project Type: Individual	
Project Title:	<i>Grand River Runoff</i>	

### Geneva JS, Geneva

	OAS AWARD	Sponsored Awards -if any
<b>Ms Skyra N Brown</b>	Excellent	
Grade: 8	Project Type: Individual	
Project Title:	<i>Selecting Your Wi-Fi Router</i>	

	OAS AWARD	Sponsored Awards -if any
<b>Ms Emily Crites</b>	Superior	
Grade: 6	Project Type: Individual	
Project Title:	<i>A "PAWS"-itive Influence: Does Pet Therapy Improve Social and Emotional Behaviors in School?</i>	

	OAS AWARD	Sponsored Awards -if any
<b>Ms Allison Nicole Frank</b>	Superior	
Grade: 8	Project Type: Individual	
Project Title:	<i>Turning Waste into Energy</i>	

	OAS AWARD	Sponsored Awards -if any
<b>Ms Nia Gribbons</b>	Superior	028 2ND
Grade: 8	Project Type: Individual	
Project Title:	<i>mammalian diving reflex</i>	

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### Geneva JS, Geneva

<b>Mr Carl Gunther</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Excellent	
<i>Project Title: Can I Generate at Least One Volt of Electricity With Everyday Components?</i>		

<b>Mr Matthew Korver</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Excellent	
<i>Project Title: A Quick Charge?</i>		

<b>Mr William D McDaniel</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Excellent	
<i>Project Title: What's Clogging Your Toilet?</i>		

<b>Ms Alaina Cristine Metzler</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Superior	
<i>Project Title: Who Can Resist Conductivity? Part III: A Study Of Thermal Conductivity</i>		

<b>Ms Grace Moon</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Superior	
<i>Project Title: It's A-Drought Time for Soybeans</i>		

<b>Mr Cole Smith</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Excellent	
<i>Project Title: Aquaponics vs Soil</i>		

<b>Ms Renee Tetlow</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Excellent	
<i>Project Title: What is the best gluten free substitute for all purpose flour when baking cupcakes?</i>		

### Genoa MS, Westerville

<b>Ms Kyra Lesmerises</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Excellent	
<i>Project Title: Hydroponics: Soil Not Included</i>		

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### Glandorf ES, Glandorf

<b>Ms Megan Ketner</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Excellent	072 2ND
Project Type: Individual		
Project Title: <i>Phosphorus Contamination in the Blanchard River</i>		

<b>Mr Jaden Lehman</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Superior	
Project Type: Individual		
Project Title: <i>Soil Type Vs. Plant Growth</i>		

### Glen Oak HS, Canton

<b>Ms Madison A McGuire</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 12	Superior	059 5TH 080 HM
Project Type: Individual		
Project Title: <i>Can a Parabolic Mirror Power a Steam Turbine</i>		

<b>Ms Jasmin Rollins</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9	Excellent	
Project Type: Individual		
Project Title: <i>Concussions</i>		

### Glenwood MS, Findlay

<b>Mr Ty Cordonnier</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Excellent	
Project Type: Individual		
Project Title: <i>What type of Glue is the Strongest</i>		

### Global Impact STEM Academy, Springfield

<b>Ms Emma Hardacre</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 11	Excellent	019 SCH
Project Type: Individual		
Project Title: <i>Fertilization with Animal Waste</i>		

<b>Ms Margaret Lingane</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 12	Excellent	019 SCH
Project Type: Individual		
Project Title: <i>How Long is a Plastics Life?</i>		

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### Global Impact STEM Academy, Springfield

	OAS AWARD	Sponsored Awards -if any
<b>Ms Heather Milliron</b>	Excellent	031 3RD
Grade: 10	Project Type: Individual	
Project Title:	<i>Does Fruit Taste Better When Told it was Grown Locally</i>	

	OAS AWARD	Sponsored Awards -if any
<b>Ms Megan Nolan</b>	Excellent	169 HM
Grade: 10	Project Type: Individual	
Project Title:	<i>Which Method of Cooking Brown Rice will Sustain the Most Protein?</i>	

	OAS AWARD	Sponsored Awards -if any
<b>Ms Allison R Sanders</b>	Superior	018 3RD 019 SCH 050 1ST
Grade: 10	Project Type: Individual	
Project Title:	<i>Macromolecule Comparison in Dog Treats with Different Flour Bases</i>	

### Graham MS, St Paris

	OAS AWARD	Sponsored Awards -if any
<b>Mr Matthew Craft</b>	Good	
Grade: 8	Project Type: Individual	
Project Title:	<i>Saltwater Circuit</i>	

	OAS AWARD	Sponsored Awards -if any
<b>Ms Aislen Setty</b>	Excellent	148 1ST
Grade: 8	Project Type: Individual	
Project Title:	<i>Anxiety, Stress, and Worry</i>	

### Graham North ES, Rosewood

	OAS AWARD	Sponsored Awards -if any
<b>Ms Grace Tyler</b>	Superior	
Grade: 5	Project Type: Individual	
Project Title:	<i>Colored Paper and Memory</i>	

	OAS AWARD	Sponsored Awards -if any
<b>Ms Samantha Worsham</b>	Superior	067 3RD
Grade: 5	Project Type: Individual	
Project Title:	<i>Battery Performance</i>	



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### Granville MS, Granville

<b>Mr Jack Wolf</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Excellent	
Project Type: Individual		
Project Title: <i>Measuring the Effectiveness of Hot and Cold Packs</i>		

### Greenville Sr HS, Greenville

<b>Mr Jordan Dill</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10	Excellent	
Project Type: Individual		
Project Title: <i>Are Synonyms Synonymous?</i>		

<b>Ms Molly Hunt</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 12	Excellent	079 1ST
Project Type: Individual		
Project Title: <i>Chemical Method of Extracting Fossils</i>		

<b>Ms Natalie Milligan</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9	Superior	
Project Type: Individual		
Project Title: <i>The Dust Output of Rabbit Bedding</i>		

### Guardian Angels, Cincinnati

<b>Ms Ellie Adam</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Excellent	
Project Type: Individual		
Project Title: <i>Does the Diameter of a Vein Affect Blood Flow Rate</i>		

<b>Ms Anna Christine Ganim</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Excellent	
Project Type: Individual		
Project Title: <i>The Effect of Nanosilver in Consumer Products on Pond Life</i>		

<b>Ms Gia Guessford</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6	Excellent	
Project Type: Individual		
Project Title: <i>What's the Catch?</i>		

<b>Ms Katy Kaser</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Superior	
Project Type: Individual		
Project Title: <i>Bacteria at school</i>		

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### Guardian Angels, Cincinnati

<b>Ms Anna Nappi</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Excellent	
Project Type: Individual		
Project Title: <i>Which Antifungal Medications Stop or Slow the Growth of Fungus</i>		

<b>Mr John Piehowicz</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Excellent	
Project Type: Individual		
Project Title: <i>An In Depth Look at the Mpemba Effect</i>		

<b>Ms Morgan Roach</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Superior	
Project Type: Individual		
Project Title: <i>Delaying Gratification in Children</i>		

### Hamersville ES, Hamersville

<b>Ms Kaylee Helbling</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 5	Superior	
Project Type: Individual		
Project Title: <i>Heat My Rust</i>		

### Harambee Christian, Columbus

<b>Ms Micaiah Vinson</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Excellent	
Project Type: Individual		
Project Title: <i>The effect of drinking method on bacteria in bottled water backwash</i>		

### Hathaway Brown, Shaker Hts

<b>Ms Jessica Chang</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Superior	
Project Type: Individual		
Project Title: <i>The Effect of Increasing Electric Field Strengths on Bacterial Competency to Express Foreign Genes</i>		

<b>Ms Snigdha Cingireddi</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Excellent	
Project Type: Individual		
Project Title: <i>Wind Turbines</i>		

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### Hathaway Brown, Shaker Hts

<b>Ms Sukhmani Kaur</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 11	Superior	
Project Type: Individual		
Project Title: <i>Functional Evaluation of Umbilical Cord Tissue Derived Mesenchymal Stem Cells</i>		

### Hawken School, Gates Mills

<b>Ms Claudia Hamilton</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10	Superior	238 2ND
Project Type: Individual		
Project Title: <i>Study of the Polycaprolactone(PCL)/Poly(lactic acid)(PLA) Polymer Solution Blend to Improve Flexibility and Durability of an Artificial Blood Vessel Using the Plasma-enhanced Chemical Vapor Deposition Method (Vapor PECVD).</i>		

### Henry Karrer MS, Dublin

<b>Ms Harini Akula</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6	Excellent	
Project Type: Individual		
Project Title: <i>How Sweet Is It? Measuring the Amount of Glucose in Common Drinks</i>		

<b>Ms Mohini Parvate</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Superior	080 HM
Project Type: Individual		
Project Title: <i>Algal Fizz: Optimal Conditions to Maximize Carbon Capture</i>		

<b>Mr Rahul Prabhu</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	No Show	
Project Type: Individual		
Project Title: <i>How Do Computers Add, Subtract and Multiply Numbers</i>		

<b>Ms Nikhita Srikanth</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Excellent	
Project Type: Individual		
Project Title: <i>Musicopoly</i>		

<b>Mr Mihir Vador</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Superior	
Project Type: Individual		
Project Title: <i>Sand-O-Water</i>		

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### Heritage MS, Westerville

<b>Mr Jonathan Stowers</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6    Project Type: Individual	Superior	239 SCH
<i>Project Title: Alpha Particle Armor</i>		

### Hicksville HS, Hicksville

<b>Ms Micah Schroeder</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10    Project Type: Individual	Superior	079 HM
<i>Project Title: The Impact of Solar Panels on Earth's Temperature</i>		

### Hilltop HS, West Unity

<b>Ms Colleen M Bell</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 12    Project Type: Individual	Superior	019 SCH    080 2ND
<i>Project Title: Biocide vs. Bacteriophages: Biological Control in Metalworking Fluids</i>		

<b>Ms Stephanie Moncaleano</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Excellent	
<i>Project Title: Does Color Affect Memorization?</i>		

<b>Mr Steven Riley</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 11    Project Type: Individual	Good	
<i>Project Title: Which Bullet Penetrates The Best</i>		

<b>Ms Ariana Brown</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 12    Project Type: Team	Superior	
<i>Project Title: Testing Student Engagement in Learning Processes in Real vs. Virtual Dissection</i>		

<b>Ms Sydni Rivera</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 12    Project Type: Team	Superior	
<i>Project Title: Testing Student Engagement in Learning Processes in Real vs. Virtual Dissection</i>		

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### Holy Angels, Sidney

<b>Ms Angelieh Behr</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Excellent	
Project Type: Individual		
Project Title: <i>Which Video Game Genre Increases Your Heart Rate?</i>		

<b>Ms Emma Westerheide</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Superior	
Project Type: Individual		
Project Title: <i>Computer Testing vs. Paper Testing</i>		

### Holy Spirit, Columbus

<b>Ms Saron Weldemicael</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Excellent	
Project Type: Individual		
Project Title: <i>Tooth vs. Decay</i>		

### Holy Trinity, Avon

<b>Mr Owen Hobbs</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6	Excellent	
Project Type: Team		
Project Title: <i>How Does Electricity Protect Your Home?</i>		

<b>Mr Colin Kenneally</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6	Good	
Project Type: Team		
Project Title: <i>The Best Substance for Cleaning Pennies</i>		

<b>Mr Connor Malicki</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6	Excellent	
Project Type: Team		
Project Title: <i>How Does Electricity Protect Your Home?</i>		

<b>Mr Patrick Martin</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6	Good	
Project Type: Team		
Project Title: <i>The Best Substance for Cleaning Pennies</i>		

<b>Ms Madeleine McLoughlin</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6	No Show	
Project Type: Team		
Project Title: <i>How Moisturizing Is Your Moisturizer?</i>		

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### Holy Trinity, Avon

<b>Ms Gabrielle Pasti</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6    Project Type: Team	No Show	
<i>Project Title: How Moisturizing Is Your Moisturizer?</i>		

### Home Schooled - District 11,

<b>Ms Gloria Burgdorf</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Superior	
<i>Project Title: Duck Wash</i>		

### Home Schooled - District 7,

<b>Ms Keziah Alatis</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Superior	134 HM   178 1ST
<i>Project Title: Freezing Point Depression</i>		

<b>Ms Madelyn Allen</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Superior	
<i>Project Title: Chirper's Choice</i>		

<b>Ms Sarah Botti</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Excellent	
<i>Project Title: Got Music? The Effect of Music on Memory Retention</i>		

### Hoover HS, N Canton

<b>Mr Shiv Sathya Dewan</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9    Project Type: Individual	Excellent	134 2ND   145 1ST
<i>Project Title: Measuring the Preventative and Therapeutic Effects of Polyphenols on Cell Permeability and Vasculitis</i>		

### Horizon Science Academy, Cincinnati

<b>Mr Canute Hawkins</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Excellent	
<i>Project Title: The Effect of Different Sugar Concentrations on Heartbeat of Daphnia</i>		

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### Horizon Science Academy, Cleveland

<b>Ms Maryam Abbas</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10	Excellent	
Project Type: Individual		
Project Title: <i>A Novel Antimicrobial Solution: The Effects of Plant-Derived Oils on Pathogenic Bacteria and Fungi</i>		

<b>Mr Batuhan Aslan</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 12	No Show	
Project Type: Individual		
Project Title: <i>Self-Powered Solar Panel That Follows the Sun</i>		

<b>Mr Mehmet Fesli</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10	Excellent	
Project Type: Individual		
Project Title: <i>Power of a wind turbine</i>		

### Horizon Science Academy, Columbus

<b>Ms Martha Cibas</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10	Superior	134 2ND 217 3RD
Project Type: Individual		
Project Title: <i>Increasing Fermentation Rate and Ethanol Production by catalysts</i>		

<b>Ms Dikchhya Khatiwoda</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9	Excellent	
Project Type: Individual		
Project Title: <i>Which Natural Teeth Whitening Substance Has The Most Effect On Teeth Compared To Existing Methods?</i>		

<b>Ms Eunice Otasanya</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10	Excellent	
Project Type: Individual		
Project Title: <i>Gravity Operated Electricity Source</i>		

<b>Ms Alyssa Ziegler</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10	Excellent	
Project Type: Individual		
Project Title: <i>hydroponics</i>		

<b>Ms Mary Anno</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 11	No Show	
Project Type: Team		
Project Title: <i>MeGo Lock</i>		

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### Horizon Science Academy, Columbus

	OAS AWARD	Sponsored Awards -if any
<b>Ms Edith Haeder</b>	No Show	
Grade: 11		
Project Type: Team		
Project Title: <i>MeGo Lock</i>		

### Horizon Science Academy, Lorain

	OAS AWARD	Sponsored Awards -if any
<b>Ms Isabel Bonilla</b>	Excellent	070 1st
Grade: 12		
Project Type: Individual		
Project Title: <i>Is it Hot in Here or is it Just Me?</i>		

	OAS AWARD	Sponsored Awards -if any
<b>Mr Leonardo Maciel</b>	Excellent	
Grade: 11		
Project Type: Individual		
Project Title: <i>Assessing the EMR Interference With the Functionality of the Blood Brain Barrier</i>		

	OAS AWARD	Sponsored Awards -if any
<b>Ms Nicole Sanchez</b>	No Show	
Grade: 11		
Project Type: Individual		
Project Title: <i>Measuring Attention Span in Teens</i>		

	OAS AWARD	Sponsored Awards -if any
<b>Ms Kennedy Sheridan</b>	Excellent	
Grade: 8		
Project Type: Individual		
Project Title: <i>How do cell phones affect your reaction time?</i>		

	OAS AWARD	Sponsored Awards -if any
<b>Ms Nathaleya Simpson</b>	Excellent	
Grade: 11		
Project Type: Individual		
Project Title: <i>How Do Heavy Metals In Gaseous State Affect Calcium Absorption in Your Bones?</i>		

	OAS AWARD	Sponsored Awards -if any
<b>Ms Jاليا Smalley</b>	Superior	212 3RD
Grade: 12		
Project Type: Individual		
Project Title: <i>Novel Optical Character to Develop a Library of Molecular Fingerprints Quantifying Insulin Dosage</i>		

	OAS AWARD	Sponsored Awards -if any
<b>Mr Ca'Marea Snipes-Thomas</b>	Excellent	087
Grade: 11		
Project Type: Individual		
Project Title: <i>Can NaOH Reduce CO2/CO Emissions?</i>		



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### Horizon Science Academy Dayton Dwntrwn, Dayton

<b>Mr Hunter Hayes</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10	Excellent	
Project Type: Individual		
Project Title: <i>Comparing Thermal Insulators</i>		

### Hudson HS, Hudson

<b>Mr Ben Hackenberg</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9	Excellent	
Project Type: Individual		
Project Title: <i>Baby Milk</i>		

<b>Ms Claire S Kim</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10	Superior	072 HM
Project Type: Individual		
Project Title: <i>Disaster Relief Water Filter</i>		

<b>Mr Yuhan Kim</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10	Superior	
Project Type: Individual		
Project Title: <i>Physiological Effects of Acute Stress on Performance at a Task</i>		

<b>Mr Conner P Mullins</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10	Superior	080 2ND 221 HM
Project Type: Individual		
Project Title: <i>The Effect of Aquaponics on Plants</i>		

<b>Mr Jacob Queiser</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10	Excellent	134 1ST
Project Type: Individual		
Project Title: <i>Biodiesel: Cloud Point Investigation</i>		

<b>Mr Matthew Roberts</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9	Excellent	160 1ST
Project Type: Individual		
Project Title: <i>Constructing a Regression Model for Projecting Changes in Longevity Patterns for the U.S. Population</i>		

<b>Ms Nina Venkatesh</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10	Excellent	
Project Type: Individual		
Project Title: <i>Effect of Solubility on Dissolution Rate of Commonly Used Drugs</i>		

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### Hudson HS, Hudson

<b>Mr Jonathan Coates</b> Grade: 10    Project Type: Team <i>Project Title: Oxidation of Oils</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Ms Rebecca Cook</b> Grade: 10    Project Type: Team <i>Project Title: Tooth durability</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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<b>Ms Kori Crookston</b> Grade: 10    Project Type: Team <i>Project Title: The Effect of Ammonia on the Growth of Mold</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Ms Susie Fan</b> Grade: 10    Project Type: Team <i>Project Title: Green Flashlight</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Mr Kyle Fuller</b> Grade: 10    Project Type: Team <i>Project Title: Oxidation of Oils</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Ms Caroline Johnson</b> Grade: 10    Project Type: Team <i>Project Title: The Science Behind a Cold Pack</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Ms Ayano Nakamura</b> Grade: 10    Project Type: Team <i>Project Title: Green Flashlight</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Ms Holly Pappano</b> Grade: 10    Project Type: Team <i>Project Title: Neural Network Studio</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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### Hudson HS, Hudson

<b>Ms Hailey Payne</b> Grade: 10    Project Type: Team <i>Project Title: Tooth durability</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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<b>Ms Lizzie Ruple</b> Grade: 10    Project Type: Team <i>Project Title: How Perception Influences Taste</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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<b>Ms Raman Sidhu</b> Grade: 10    Project Type: Team <i>Project Title: The Science Behind a Cold Pack</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Ms Julia Sterbenz</b> Grade: 10    Project Type: Team <i>Project Title: How Perception Influences Taste</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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<b>Ms Katherine Travis</b> Grade: 10    Project Type: Team <i>Project Title: The Effect of Ammonia on the Growth of Mold</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Ms Isabel Wu</b> Grade: 10    Project Type: Team <i>Project Title: Neural Network Studio</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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### Hudson MS, Hudson

<b>Mr Michael Scheeser</b> Grade: 8    Project Type: Individual <i>Project Title: The Impact of Length and Thickness on Arch Strength</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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### Huron HS, Huron

<b>Mr Sam K Slutz</b> Grade: 10    Project Type: Individual <i>Project Title: A Load Theory in Quantum Flux Pinning</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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### Hyatts MS, Powell

<b>Mr TejaSai Amathi</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Excellent	
<i>Project Title: Which Drinks Have the Highest Glucose Concentration Level After Adding the Enzyme Invertase</i>		

<b>Mr Abhishek Sangu</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Superior	
<i>Project Title: Zinc-Air Batteries</i>		

<b>Mr Samanvith Thotapalli</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Superior	
<i>Project Title: A Tiny Plant with a Toxic Punch</i>		

### Hyre CLC, Akron

<b>Mr Chris Anderson</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	No Show	
<i>Project Title: "Will Wind Work?"</i>		

### Immaculate Conception, Columbus

### Harold C. Shaw Outstanding School Award

<b>Ms Martha Cleary</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Superior	134 HM
<i>Project Title: The "Scoop" on Ice Cream: An investigation of the effects of milk fat on freeing time</i>		

<b>Ms Rosemary Kay</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Superior	058 2nd 080 2ND 106 2nd
<i>Project Title: Acid Rain- What a Pain!</i>		

<b>Ms Makenna Mccoy</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Superior	
<i>Project Title: What is the Best Spray Paint Removal Method (Graffiti Challenge)</i>		

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### Immaculate Conception, Columbus

**Mr Luke Wenning**

Grade: 7    Project Type: Individual  
Project Title: *What "Wood" You Build With?*

**OAS AWARD**  
Superior

### Harold C. Shaw Outstanding School Award

**Sponsored Awards -if any**

### Incarnate Word Academy, Parma Hts

**Ms Natalia Griffiths**

Grade: 7    Project Type: Individual  
Project Title: *What Type of Cold Weather Protection Allows for the Least Re breathing of Carbon Dioxide?*

**OAS AWARD**  
Superior

**Sponsored Awards -if any**

**Mr Sohan Shah**

Grade: 7    Project Type: Individual  
Project Title: *How Do Distractions Affect Driver Safety, Performance, and Biometrics?*

**OAS AWARD**  
Superior

**Sponsored Awards -if any**

**Ms Jillian Wilde**

Grade: 7    Project Type: Individual  
Project Title: *Growing Soybeans: Does Soil Matter?*

**OAS AWARD**  
Superior

**Sponsored Awards -if any**

### Incarnation, Centerville

**Mr Justin Boumalhab**

Grade: 8    Project Type: Individual  
Project Title: *Is Clindamycin or Erythromycin the better topical antibacterial acne medicine?*

**OAS AWARD**  
Superior

**Sponsored Awards -if any**

**Mr Gabe Duncan**

Grade: 8    Project Type: Individual  
Project Title: *Top Flite Drives*

**OAS AWARD**  
No Show

**Sponsored Awards -if any**

**Ms Grace Hayden**

Grade: 7    Project Type: Individual  
Project Title: *Pictures or Words*

**OAS AWARD**  
Excellent

**Sponsored Awards -if any**

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### Incarnation, Centerville

<b>Mr Owen Linegang</b> Grade: 7    Project Type: Individual <i>Project Title: The Dirt on Phones</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Ms Grace Mangold</b> Grade: 8    Project Type: Individual <i>Project Title: Are You Secure?</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Mr Alexander Martin</b> Grade: 7    Project Type: Individual <i>Project Title: Washer vs. Corrosion</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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<b>Ms Sarah Salzman</b> Grade: 8    Project Type: Individual <i>Project Title: Does organic or non-organic fruit mold faster?</i>	<b>OAS AWARD</b> No Show	<b>Sponsored Awards -if any</b>
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<b>Mr Alex Smith</b> Grade: 7    Project Type: Individual <i>Project Title: A Penny for your Boats....A Study of Buoyancy</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Ms Taylor Thornburg</b> Grade: 8    Project Type: Individual <i>Project Title: Awe's Effect on One's Helpfulness</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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<b>Mr Simon Yacoub</b> Grade: 8    Project Type: Individual <i>Project Title: Do colors affect heart rate variability?</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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### Indian Valley MS, Tuscarawas

<b>Ms Emma Stewart</b> Grade: 6    Project Type: Individual <i>Project Title: Preservative Products and Potatoes</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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### International Academy of Cincinnati, West Chester

<b>Mr Jasseim Abdullah</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6	Excellent	
Project Type: Individual		
Project Title: <i>Rocks and Freezing</i>		

<b>Mr Safwan Jaweed</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Excellent	
Project Type: Individual		
Project Title: <i>Which food is the most antibacterial: garlic, honey, or cinnamon?</i>		

### Jackson MS, Jackson

<b>Ms Kirsten Evans</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Good	
Project Type: Individual		
Project Title: <i>Amount of Air Pressure to Kick Far</i>		

<b>Ms Olivia Kennedy</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	No Show	
Project Type: Individual		
Project Title: <i>Mold Growth on Oranges</i>		

### John C Dempsey MS, Delaware

<b>Mr Daniel Gabel</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Superior	
Project Type: Individual		
Project Title: <i>A Study on the Antiseptic Properties of Essential Oils</i>		

<b>Ms Rena Ouyang</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Excellent	136 3RD
Project Type: Individual		
Project Title: <i>What Are Lichens Liking? A Study of Lichens and Their Tree Preferences</i>		

<b>Ms Kasey Wells</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6	Superior	
Project Type: Individual		
Project Title: <i>Fast Food: Does Peppermint Affect a Human's Reaction Time?</i>		

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### John C Dempsey MS, Delaware

<b>Ms Julia Young</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6	Excellent	
Project Type: Individual		
Project Title: <i>How Computers Affect Scores on Math Tests</i>		

### John F Kennedy Catholic Lower School, Warren

<b>Ms Lisa Casey</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 5	Excellent	
Project Type: Individual		
Project Title: <i>Does temperature affect mold growth in apple juice?</i>		

<b>Ms Karla Constantine</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 5	Superior	
Project Type: Individual		
Project Title: <i>Which Liquid Prevents Browning of Apples the Longest?</i>		

### John Sells MS, Dublin

<b>Mr Lohith Savardekar</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Excellent	
Project Type: Individual		
Project Title: <i>Exploring the role of glycoproteins in the effectiveness of influenza vaccines.</i>		

### Keene ES, Keene

<b>Mr Tyler Bryan</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6	Good	
Project Type: Individual		
Project Title: <i>How Style Affects Flight</i>		

<b>Mr Ashton Fries</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6	Excellent	
Project Type: Individual		
Project Title: <i>The Effect of Video Games on the Brain</i>		

<b>Mr Carter Fry</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6	Good	
Project Type: Individual		
Project Title: <i>Burn,Baby, Burn</i>		



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### Keene ES, Keene

<b>Ms Kiera McPeck</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6    Project Type: Individual	Superior	
<i>Project Title: Catalysts &amp; Exothermic Reactions: Which One Gives Off the Most Heat?</i>		

<b>Ms Crystal Montgomery</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6    Project Type: Individual	Excellent	
<i>Project Title: The Burger Queen</i>		

<b>Ms Paige Nicely</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6    Project Type: Individual	Excellent	
<i>Project Title: Hot Cookies</i>		

### Kilbourne MS, Worthington

<b>Mr Adrian C Proca</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Excellent	
<i>Project Title: Blood Typing and Transfusions</i>		

<b>Mr Joe Kolwicz</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Team	Superior	
<i>Project Title: Distracted Driving</i>		

<b>Mr Miguel Mora</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Team	Superior	
<i>Project Title: Distracted Driving</i>		

<b>Ms Summer Rodgers</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Team	Superior	
<i>Project Title: Color Preference of Birds</i>		

<b>Ms Maggie Sprung</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Team	Superior	
<i>Project Title: Color Preference of Birds</i>		

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### L T Ball Intermediate ES, Tipp City

<b>Ms Chloe Czaper</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 5    Project Type: Team	Excellent	
<i>Project Title: Evaluating the Melting Points of Various Frozen Liquids at Room Temperature</i>		

<b>Mr Luke Doseck</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 5    Project Type: Team	Excellent	
<i>Project Title: Tee It Up: Investigating the Effect of Tee Height on the Distance a Golf Ball Travels</i>		

<b>Mr Ian Greth</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 5    Project Type: Team	Excellent	
<i>Project Title: Gatorade that is least likely to stain</i>		

<b>Ms Abbey Heitkamp</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 5    Project Type: Team	Excellent	
<i>Project Title: Evaluating the Melting Points of Various Frozen Liquids at Room Temperature</i>		

<b>Mr Hayden Hiser</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 5    Project Type: Team	Excellent	
<i>Project Title: Gatorade that is least likely to stain</i>		

<b>Mr Will Riehle</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 5    Project Type: Team	Excellent	
<i>Project Title: Tee It Up: Investigating the Effect of Tee Height on the Distance a Golf Ball Travels</i>		

<b>Mr Sam Van Oss</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 5    Project Type: Team	Excellent	
<i>Project Title: Gatorade that is least likely to stain</i>		

### Lake MS, Millbury

<b>Mr Avery Alder</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 5    Project Type: Individual	Superior	072 1ST
<i>Project Title: Fertilizer: Is more really Better?</i>		

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### Lake Ridge Academy, N Ridgeville

<b>Ms Sylvie Ballou</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Excellent	
Project Type: Individual		
Project Title: <i>Make the Water Great Again: Biomimetic Filter Mimicking a Clam</i>		

<b>Mr JT Diaz</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Superior	
Project Type: Individual		
Project Title: <i>Agh! That Noise Is Irritating: Effect of Different Decibel Levels On Heart Rate</i>		

<b>Mr James Lin</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Excellent	
Project Type: Individual		
Project Title: <i>Make a pH Meter</i>		

<b>Ms Ysabella Malaya</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	No Show	
Project Type: Individual		
Project Title: <i>At Yeast They're Dead</i>		

<b>Mr Tyler Young</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Excellent	028 3RD
Project Type: Individual		
Project Title: <i>Effects of Colored Overlays on Reading Speed</i>		

### Lehman Catholic HS, Sidney

<b>Ms Hope Anthony</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9	Excellent	
Project Type: Individual		
Project Title: <i>Which Weed Killer Works The Fastest</i>		

<b>Ms Angela Brunner</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9	Superior	
Project Type: Individual		
Project Title: <i>The Effect of Dimethyl Sulfoxide on the Regeneration of Planarians</i>		

<b>Ms Melanie Brunner</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 11	Superior	
Project Type: Individual		
Project Title: <i>The Effect of Water on Protein Denaturation</i>		

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### Lehman Catholic HS, Sidney

<b>Ms Ann Deafenbaugh</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9    Project Type: Individual	Superior	
<i>Project Title: Does Noise Affect How the Body Works?</i>		

<b>Mr John-Henry Frantz</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 12    Project Type: Individual	Excellent	
<i>Project Title: The Effects of UV-A Rays on Water</i>		

<b>Mr William Hoersten</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 12    Project Type: Individual	Superior	
<i>Project Title: The Filtration of Dirty Water Through Natural Media</i>		

<b>Ms Abigail Lynn Jones</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 11    Project Type: Individual	Superior	079 HM 080 HM 090 2ND
<i>Project Title: The Effects of P. Ostreatus on the Biosorption of Petroleum Polluted Water</i>		

<b>Ms Lyndsey Jones</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9    Project Type: Individual	Superior	
<i>Project Title: The Effects of Oxygen on Yeast Metabolism</i>		

<b>Ms Megan Neumeier</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 12    Project Type: Individual	Superior	
<i>Project Title: The Effects of Milk Source on Lactose</i>		

<b>Mr Mikey Rossman</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9    Project Type: Individual	Excellent	
<i>Project Title: Is Bioremediation An Effective Way To Reduce The Amount Of Oil In Polluted Water</i>		

<b>Ms Maegan Titterington</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9    Project Type: Individual	Excellent	
<i>Project Title: Does Gum Affect Temperature?</i>		

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### Lehman Catholic HS, Sidney

<b>Ms Hailey Wick</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 11	Superior	
Project Type: Individual		
Project Title: <i>Osmosis: Observing The Net Diffusion of Water Molecules</i>		

### Liberty Union MS, Baltimore

<b>Ms Faith Rogers</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Superior	
Project Type: Individual		
Project Title: <i>Typoglycemic Comprehension in Middle Schoolers</i>		

### Lynchburg-Clay HS, Lynchburg

<b>Ms Faith Carpenter</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9	No Show	
Project Type: Individual		
Project Title: <i>Distinguishing Between Two Points of Tactile Stimuli on Different Areas of the Body</i>		

<b>Mr Kurt Hamilton</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9	Excellent	
Project Type: Individual		
Project Title: <i>The Effect of Land Management on Soil Infiltration Rate</i>		

### Lynchburg-Clay MS, Lynchburg

<b>Ms Sydney Hamilton</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6	Superior	
Project Type: Individual		
Project Title: <i>The Effect of Cold Stratification on Soybean Germination</i>		

### Madison Christian School, Groveport

<b>Ms Colleen Bostic</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6	Excellent	
Project Type: Individual		
Project Title: <i>Plant Growth</i>		

<b>Mr Jon Hovance</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6	Superior	
Project Type: Individual		
Project Title: <i>What Age of People is most Affected by Subliminal Messaging?</i>		

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### Madison Christian School, Groveport

<b>Ms Taylor Byrd</b> Grade: 6    Project Type: Team <i>Project Title: Stress</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Ms Madeline Harris</b> Grade: 6    Project Type: Team <i>Project Title: Stress</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Ms Laney Mutchler</b> Grade: 5    Project Type: Team <i>Project Title: Music of the Mind</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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<b>Mr Colby Sprague</b> Grade: 5    Project Type: Team <i>Project Title: Music of the Mind</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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<b>Ms Kiley Wray</b> Grade: 5    Project Type: Team <i>Project Title: Music of the Mind</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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### Mapleton ES, Ashland

<b>Mr Blake Gibb</b> Grade: 6    Project Type: Individual <i>Project Title: Soccer Stats: Does psi affect distance?</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Ms Riley Thomas</b> Grade: 6    Project Type: Individual <i>Project Title: Which Pop has the most acid</i>	<b>OAS AWARD</b> No Show	<b>Sponsored Awards -if any</b>
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<b>Ms Anna Sas</b> Grade: 6    Project Type: Team <i>Project Title: Neon Backgrounds</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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### Mapleton ES, Ashland

<b>Ms Rylee Steigerwalt</b> Grade: 6    Project Type: Team <i>Project Title: Neon Backgrounds</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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### Mapleton HS, Ashland

<b>Ms Emma Sas</b> Grade: 10    Project Type: Individual <i>Project Title: Soil vs. Hydroponics</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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<b>Ms Madelyn Abbruzzese</b> Grade: 10    Project Type: Team <i>Project Title: Using T4 Phage To Kill E.Coli</i>	<b>OAS AWARD</b> No Show	<b>Sponsored Awards -if any</b>
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<b>Ms Nekyra K Bigelow</b> Grade: 9    Project Type: Team <i>Project Title: Comparing the antibiotic properties of common household substances</i>	<b>OAS AWARD</b> No Show	<b>Sponsored Awards -if any</b>
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<b>Ms Melissa LeComte</b> Grade: 9    Project Type: Team <i>Project Title: Infected Iphones</i>	<b>OAS AWARD</b> No Show	<b>Sponsored Awards -if any</b>
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<b>Ms Kathryn R Recker</b> Grade: 9    Project Type: Team <i>Project Title: Comparing the antibiotic properties of common household substances</i>	<b>OAS AWARD</b> No Show	<b>Sponsored Awards -if any</b>
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<b>Ms Katia Ringler</b> Grade: 9    Project Type: Team <i>Project Title: Infected Iphones</i>	<b>OAS AWARD</b> No Show	<b>Sponsored Awards -if any</b>
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<b>Ms Hannah Shadd</b> Grade: 9    Project Type: Team <i>Project Title: Infected Iphones</i>	<b>OAS AWARD</b> No Show	<b>Sponsored Awards -if any</b>
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### Mapleton HS, Ashland

<b>Ms Abigail Thomas</b> Grade: 10    Project Type: Team <i>Project Title: Using T4 Phage To Kill E.Coli</i>	<b>OAS AWARD</b> No Show	<b>Sponsored Awards -if any</b>
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### Mapleton MS, Ashland

<b>Mr Evan Dennison</b> Grade: 7    Project Type: Individual <i>Project Title: Disappearing Liquids</i>	<b>OAS AWARD</b> Good	<b>Sponsored Awards -if any</b>
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<b>Ms Brooke Hubler</b> Grade: 6    Project Type: Individual <i>Project Title: Glow in the Dark</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Mr Casey Hubler</b> Grade: 7    Project Type: Individual <i>Project Title: Burning Efficiency</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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<b>Ms Kirsten Kimbler</b> Grade: 7    Project Type: Individual <i>Project Title: Do the eyes have it?</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Mr Matthew Recker</b> Grade: 7    Project Type: Individual <i>Project Title: Don't Trust the Rust</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Mr Cameron Sloter</b> Grade: 7    Project Type: Individual <i>Project Title: The Potential Health and Reproductive Effects of Backyard Burn Barrels on Drosophila</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b> 080 1ST
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<b>Ms Faith Stansbury</b> Grade: 8    Project Type: Individual <i>Project Title: All About That Bait</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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### Marlington HS, Alliance

<b>Ms Josie Galinis</b> Grade: 11    Project Type: Individual <i>Project Title: A Common Killer</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Ms Kaitlyn Maley</b> Grade: 10    Project Type: Individual <i>Project Title: Effect of Stress on Memory</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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<b>Mr Spencer Frase</b> Grade: 11    Project Type: Team <i>Project Title: A Sticky Situation</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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<b>Mr Andrew Hoffmeyer</b> Grade: 12    Project Type: Team <i>Project Title: A Sticky Situation</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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<b>Mr Reece Kackley</b> Grade: 10    Project Type: Team <i>Project Title: A Sticky Situation</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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<b>Mr Augustine Warner</b> Grade: 11    Project Type: Team <i>Project Title: Tannerite</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Mr Jakob Warner</b> Grade: 11    Project Type: Team <i>Project Title: Tannerite</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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### Mason MS, Mason

### Harold C. Shaw Outstanding School Award

<b>Ms Laalitya Acharya</b> Grade: 8    Project Type: Individual <i>Project Title: TraffEnerate: Generating Electricity from Vehicular Traffic</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b> 217 1ST
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### Mason MS, Mason

**Mr Sankalp Agrawal**

Grade: 7 Project Type: Individual  
Project Title: *The Best Light for Ecosystems*

**OAS AWARD**  
Superior

### Harold C. Shaw Outstanding School Award

**Sponsored Awards -if any**

**Ms Loga Iyer**

Grade: 10 Project Type: Individual  
Project Title: *Electrolyte Investigation*

**OAS AWARD**  
Superior

**Sponsored Awards -if any**

**Ms Bela Karajagi**

Grade: 7 Project Type: Individual  
Project Title: *Skinny on Moisturizers*

**OAS AWARD**  
Superior

**Sponsored Awards -if any**

**Mr Arnav Mantra**

Grade: 8 Project Type: Individual  
Project Title: *Thermo-Electric Flashlight*

**OAS AWARD**  
Superior

**Sponsored Awards -if any**  
232 2ND

**Ms Ayushe Nagpal**

Grade: 8 Project Type: Individual  
Project Title: *Energy from Food Waste*

**OAS AWARD**  
Superior

**Sponsored Awards -if any**  
080 2ND

**Mr Arvind Prasad**

Grade: 8 Project Type: Individual  
Project Title: *Photoprotective potential of Curcumin against UV (Ultraviolet) Radiation*

**OAS AWARD**  
Superior

**Sponsored Awards -if any**  
134 1ST 145 3RD

**Ms Gayatri Rajan**

Grade: 7 Project Type: Individual  
Project Title: *ChoosePeace : Cyberbullying is over.*

**OAS AWARD**  
Superior

**Sponsored Awards -if any**  
212 2ND

**Mr Sanjay Swamy**

Grade: 7 Project Type: Individual  
Project Title: *Gender and perception, is there a connection?*

**OAS AWARD**  
Excellent

**Sponsored Awards -if any**

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### Mason MS, Mason

**Ms Vaishnavi Kavoori**

Grade: 8 Project Type: Team  
Project Title: *UV Ray's affect on yeast*

**OAS AWARD**  
Superior

### Harold C. Shaw Outstanding School Award

**Sponsored Awards -if any**

**Ms Rhea Mehta**

Grade: 8 Project Type: Team  
Project Title: *Denaturing Proteins*

**OAS AWARD**  
Excellent

**Sponsored Awards -if any**

**Ms Ria Narang**

Grade: 8 Project Type: Team  
Project Title: *Denaturing Proteins*

**OAS AWARD**  
Excellent

**Sponsored Awards -if any**

**Ms Amulya Surabhi**

Grade: 8 Project Type: Team  
Project Title: *UV Ray's affect on yeast*

**OAS AWARD**  
Superior

**Sponsored Awards -if any**

### Maumee Valley Country Day, Toledo

**Mr Nipun Jayatissa**

Grade: 10 Project Type: Individual  
Project Title: *Engineering and Evaluation of 3D Printed Polymer Scaffolds for Bone Tissue Regeneration*

**OAS AWARD**  
Superior

**Sponsored Awards -if any**  
059 3RD

**Ms Paige Yustick**

Grade: 6 Project Type: Individual  
Project Title: *More than just your score can increase while gaming*

**OAS AWARD**  
Superior

**Sponsored Awards -if any**

### Mentor HS, Mentor

**Ms Kayla Berezne**

Grade: 12 Project Type: Individual  
Project Title: *The Prevalence of Tobacco Advertising Towards Youth at Retailers Within a ½ Mile Radius of Schools*

**OAS AWARD**  
Excellent

**Sponsored Awards -if any**  
235 1ST

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### Mentor HS, Mentor

<b>Mr Austin Bissell</b> Grade: 12 Project Type: Individual Project Title: <i>Designing an EmDrive to Test Thrust Anomaly</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b> 221 1ST
<b>Ms Kristen Buse</b> Grade: 11 Project Type: Individual Project Title: <i>Preventing neuron loss due to microelectrode implantation: Effects of immune co-receptor CD14 activity and electrode stiffness in mitigating neuronal dieback in mouse model</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
<b>Ms Alison Kennedy</b> Grade: 12 Project Type: Individual Project Title: <i>Evaluating the Effects of Plasma Functionalization on Carbon Nanotube Reinforced Polycarbonate Composites for a Possible Increase in Adhesion</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b> 058 3RD 134 HM 106 3RD
<b>Mr Alexander Murray</b> Grade: 11 Project Type: Individual Project Title: <i>False Positives of Blood</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b> 193 SCH
<b>Ms Corrin Nemeckay</b> Grade: 12 Project Type: Individual Project Title: <i>Consumption of tobacco and its correlation to the presence of age-related macular degeneration in the Amish vs the general population</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b> 145 1ST
<b>Mr Devank Patel</b> Grade: 11 Project Type: Individual Project Title: <i>Adhesive Forces Between Identical Polymer Surfaces</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
<b>Mr Lav Patel</b> Grade: 12 Project Type: Individual Project Title: <i>The Effect of Thermal Oxidative Stress on Antifoaming Fuel Efficiency in Motor Oils and Transmission Fluids</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b> 108 HM
<b>Mr Caleb Rykaczewski</b> Grade: 12 Project Type: Individual Project Title: <i>The Effect of Seasonal Variation on Food Intake (Order Aves)</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b> 019 SCH 023 1ST 051 1ST 169 1ST

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### Mentor HS, Mentor

	OAS AWARD	Sponsored Awards -if any
<b>Ms Nicole Sterio</b>	Excellent	023 1ST
Grade: 11	Project Type: Individual	
Project Title:	<i>The Impact of Education on the Perspective of Wrongful Convictions</i>	

### Metro Early College HS, Columbus

	OAS AWARD	Sponsored Awards -if any
<b>Ms Jordyn Brown</b>	No Show	
Grade: 12	Project Type: Individual	
Project Title:	<i>Kingella kingae mreB Mutation Leads to Increased Sensitivity to Antibiotics and Reactive Oxidants</i>	

	OAS AWARD	Sponsored Awards -if any
<b>Mr Christopher Dick</b>	Superior	148 2ND 238 3RD
Grade: 12	Project Type: Individual	
Project Title:	<i>Effects of Homeopathic Remedies on Bacterial Filamentation in E.coli</i>	

	OAS AWARD	Sponsored Awards -if any
<b>Ms Krishna Dongar</b>	Excellent	
Grade: 9	Project Type: Individual	
Project Title:	<i>Does Chicken Feed Increase Activity in Chicken Feet?</i>	

	OAS AWARD	Sponsored Awards -if any
<b>Mr Vignesh R Lalgudi</b>	Superior	
Grade: 10	Project Type: Individual	
Project Title:	<i>Development of TRPV1 Agonist using Fatty-Modified Curcumin</i>	

	OAS AWARD	Sponsored Awards -if any
<b>Ms Saya Mieth</b>	Superior	
Grade: 12	Project Type: Individual	
Project Title:	<i>Maternal Obesity Induces Deficits in Lung Development Through Increased PTP1B Expression</i>	

### Miami Valley Career Tech Ctr, Clayton

	OAS AWARD	Sponsored Awards -if any
<b>Ms Mackenzie Howard</b>	Excellent	236 1ST
Grade: 12	Project Type: Individual	
Project Title:	<i>The Perfect Shot</i>	

	OAS AWARD	Sponsored Awards -if any
<b>Mr Kasey Wilken</b>	Excellent	147 3RD
Grade: 11	Project Type: Individual	
Project Title:	<i>Effect of Warm-Ups on Performance</i>	

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### Miller City - New Cleveland HS, Miller City

<b>Mr Jeremy DeMuth</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 11	Superior	061 3RD 072 2ND 197 1ST
Project Type: Individual		
Project Title: <i>The Effect of a Sand Column on Phosphate Levels in Wastewater</i>		

### Miller South Perf Visual & Arts School, Akron

<b>Ms Hayley Cymerman</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Excellent	
Project Type: Individual		
Project Title: <i>Polar Pop vs. Speedy Pop</i>		

<b>Ms Stella Hudson</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Superior	
Project Type: Individual		
Project Title: <i>Which Has More Bacteria? Your Mouth or Your Skin?</i>		

<b>Mr Elijah Campbell</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Excellent	
Project Type: Team		
Project Title: <i>The Importance Of Bee Education</i>		

<b>Mr Ethan Koehler</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Excellent	
Project Type: Team		
Project Title: <i>The Importance Of Bee Education</i>		

<b>Mr Ian Richardson</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Excellent	
Project Type: Team		
Project Title: <i>The Importance Of Bee Education</i>		

### Milton-Union HS, W Milton

<b>Ms Abby Hissong</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 11	Superior	023 1ST
Project Type: Individual		
Project Title: <i>The Effect of Nitrogen on the Growth and Yield of Field Corn</i>		

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### Milton-Union HS, W Milton

<b>Mr Michael Trimbach</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 11	Excellent	
Project Type: Individual		
Project Title: <i>Tensile Strength of 3D Printing Filaments</i>		

### Milton-Union MS, W Milton

<b>Ms Micah Tracy</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Excellent	
Project Type: Individual		
Project Title: <i>Most Effective Moisturizer</i>		

### Minerva HS, Minerva

<b>Ms Sierra Amatangelo</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9	Excellent	
Project Type: Individual		
Project Title: <i>Pitch Perfect</i>		

<b>Mr Blake Archer</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10	Superior	
Project Type: Individual		
Project Title: <i>How do different antibiotics effect escherichia coli?</i>		

<b>Mr Ian A Beard</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9	Superior	
Project Type: Individual		
Project Title: <i>The Effects of Different Spawn Mediums on Mushroom Growth</i>		

### Minerva MS, Minerva

<b>Ms Hana Esber</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Excellent	
Project Type: Team		
Project Title: <i>How music affects student's working ability</i>		

<b>Ms Halli Ford</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Excellent	
Project Type: Team		
Project Title: <i>How music affects student's working ability</i>		

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### Minford MS, Minford

<b>Mr Barrett VanSickle</b>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
Grade: 6    Project Type: Individual		
<i>Project Title: Bird Brain! Could The Intelligence Of Different Species Of Birds Affect Migration?</i>		

### Monroe HS, Monroe

<b>Ms Macy Wade</b>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual		
<i>Project Title: Childhood Fears</i>		

### Mother Teresa Catholic, Liberty Twp

<b>Ms Anna Geiger</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual		
<i>Project Title: Does the material of a pot affect how a plant grows?</i>		

<b>Ms Elliana Hartman</b>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual		
<i>Project Title: How Lighting Affects Learning</i>		

<b>Ms Katelyn Hiernaux</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual		
<i>Project Title: Can facial expressions give away when someone is lying</i>		

<b>Ms Addison James</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual		
<i>Project Title: Do Students Learn Better by Typing or Writing?</i>		

<b>Ms Crysta LaCrosse</b>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual		
<i>Project Title: The Effect of a Heavy Metal on Aquatic Environments</i>		

<b>Ms Meredith Reed</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual		
<i>Project Title: What is better for overall neatness: wooden pencils, mechanical pencils, or pens?</i>		



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### Mt Vernon HS, Mt Vernon

<b>Mr Sulekh Frederic Fernando-Peiris</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b> 159 1ST 160 1ST 192 SCH
Grade: 11	Project Type: Individual	
<i>Project Title: A Novel Spectroscopic Chemical Sensor Based on Thin Films of Silica Spheres</i>		

<b>Ms Mary Harris</b>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
Grade: 11	Project Type: Individual	
<i>Project Title: The Effects of Antibiotics on CCCP Evolved E. Coli</i>		

### Nagel MS, Cincinnati

<b>Mr Hirak Basu</b>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
Grade: 8	Project Type: Individual	
<i>Project Title: Building Bridges, Under Budget (Done Safely)</i>		

<b>Ms Anna MacLennan</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
Grade: 8	Project Type: Individual	
<i>Project Title: The Wearable Camera</i>		

### National Inventor's Hall of Fame School, Akron

<b>Mr John Benson</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
Grade: 8	Project Type: Individual	
<i>Project Title: Comparison of AI Programs' Answers</i>		

<b>Mr Zach A Brown</b>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
Grade: 8	Project Type: Individual	
<i>Project Title: The Effects of G-Forces on Pilots and Aircraft during Aerial Combat</i>		

<b>Mr Nicholas Cribbet</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b> 061 1ST
Grade: 5	Project Type: Individual	
<i>Project Title: Design of Roller Coasters</i>		

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### National Inventor's Hall of Fame School, Akron

<b>Mr Kouta Tabata</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Excellent	
Project Type: Individual		
Project Title: <i>Different Apple Peel Polymers and Their Absorption Rate</i>		

### National Inventor's Hall of Fame STEM HS, Akron

<b>Mr Jackson K Tankersley</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 11	Superior	217 1ST
Project Type: Individual		
Project Title: <i>Light Up the Night: Analyzing the Electrical Output of a Urine Microbial Fuel Cell</i>		

### New Albany 2-5 ES, New Albany

<b>Ms Sreeja Akula</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 5	Superior	
Project Type: Individual		
Project Title: <i>Is eco-friendly dish soap better for plants than regular dish soap</i>		

<b>Ms Pari Basant</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 5	Excellent	
Project Type: Individual		
Project Title: <i>Ready Set Repel</i>		

<b>Ms Sameera Devulapally</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 5	Superior	
Project Type: Individual		
Project Title: <i>Which activity on cell phone emits higher radiation? Does cell phone brand affect the amount of radiation emitted?</i>		

<b>Ms Nithya Guduri</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 5	Excellent	
Project Type: Individual		
Project Title: <i>Are You Left or Right Brained?</i>		

<b>Ms Lucy Ingram</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 5	Superior	
Project Type: Individual		
Project Title: <i>How Does the Tilt of Solar Panels Affect a Solar Car?</i>		

<b>Mr Benny Liebel</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 5	Excellent	
Project Type: Individual		
Project Title: <i>How Much Weight Can Specific Bridges Hold ?</i>		

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### New Albany 2-5 ES, New Albany

<b>Mr Vamshi Somapalli</b> Grade: 5    Project Type: Individual <i>Project Title: WiFi Performance Project</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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<b>Mr Caleb Sowers</b> Grade: 5    Project Type: Individual <i>Project Title: Nozzle Performance</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Mr Pranav Chitiveli</b> Grade: 5    Project Type: Team <i>Project Title: Maglev</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Mr Evan Garner</b> Grade: 5    Project Type: Team <i>Project Title: allerGO</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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<b>Ms Kaley Linek</b> Grade: 5    Project Type: Team <i>Project Title: Hydroponics</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Ms Samantha Lish</b> Grade: 5    Project Type: Team <i>Project Title: Hydroponics</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Mr Atman Singh</b> Grade: 5    Project Type: Team <i>Project Title: Maglev</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Mr Nathan Underhill</b> Grade: 5    Project Type: Team <i>Project Title: allerGO</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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### New Albany HS, New Albany

<b>Mr Kavin S Vedamoorthy Srikanth</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
Grade: 11	Project Type: Individual	
<i>Project Title: Novel Technology for Cost Effective Protein Therapeutics: Split Intein-mediated Purification</i>		

### New Albany MS, New Albany

<b>Ms Shikha Iyer</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
Grade: 6	Project Type: Individual	
<i>Project Title: The Best Ingredients to Create a Moisture Barrier</i>		

<b>Mr Sanjit Reddy</b>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b> 221 1ST
Grade: 8	Project Type: Individual	
<i>Project Title: Non-Euclidean Origametry</i>		

<b>Ms Oviya Srikanth</b>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b> 087
Grade: 6	Project Type: Individual	
<i>Project Title: Global Warming and Dissolved Oxygen: A Voice of Natural Variability</i>		

### Newton ES, Pleasant Hill

<b>Mr Matthew Koon</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b> 070 2ND 240 1ST
Grade: 6	Project Type: Individual	
<i>Project Title: Gases versus Climate</i>		

<b>Mr Dalton Trucksis</b>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
Grade: 6	Project Type: Individual	
<i>Project Title: Pinewood Derby Weight Placement</i>		

### North Adams HS, Seaman

<b>Ms Rachel Bolen</b>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
Grade: 8	Project Type: Team	
<i>Project Title: Are Student Sensitivity Levels Higher in Dominant or Non dominant Hand?</i>		

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### North Adams HS, Seaman

<b>Ms Jessie Crawford</b> Grade: 8    Project Type: Team <i>Project Title: Let's Remember</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Ms Braylie Jones</b> Grade: 8    Project Type: Team <i>Project Title: Let's Remember</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Ms Madison Richey</b> Grade: 8    Project Type: Team <i>Project Title: Are Student Sensitivity Levels Higher in Dominant or Non dominant Hand?</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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### North Canton MS, N Canton

<b>Mr Nathan Andrews</b> Grade: 6    Project Type: Individual <i>Project Title: You Are Cleared For Takeoff</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Mr Samuel Meister</b> Grade: 6    Project Type: Individual <i>Project Title: Lockerbot</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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<b>Ms Emma Mary Snyder</b> Grade: 8    Project Type: Team <i>Project Title: Cleaning Rust is a Must!</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Ms Avery Vance</b> Grade: 8    Project Type: Team <i>Project Title: Cleaning Rust is a Must!</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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### North HS, Akron

<b>Ms Destiny Perryman</b> Grade: 9    Project Type: Individual <i>Project Title: Artificial Pancreas for Diabetes Education</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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### Northwestern ES, W Salem

<b>Mr Reece Chanay</b> Grade: 5    Project Type: Individual <i>Project Title: Wind power</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Ms Kaylyn Dickson</b> Grade: 5    Project Type: Individual <i>Project Title: Bottled Water vs Tap Water</i>	<b>OAS AWARD</b> Good	<b>Sponsored Awards -if any</b>
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<b>Ms Sophia Linder</b> Grade: 5    Project Type: Individual <i>Project Title: Do people feel like they are being watched</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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### Northwestern HS, W Salem

<b>Ms Bailey Adler</b> Grade: 12    Project Type: Individual <i>Project Title: Identifying a Natural Mutation in the Promoter Region of the SOV 1 Locus in a Solanum lycopersicum Variant</i>	<b>OAS AWARD</b> No Show	<b>Sponsored Awards -if any</b>
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<b>Ms Mary Elizabeth Baker</b> Grade: 12    Project Type: Individual <i>Project Title: Harnessing the Power of Beneficial Microbes to Enhance Productivity in Soybeans</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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<b>Ms Katherine Koontz</b> Grade: 10    Project Type: Individual <i>Project Title: Ability to Extract DNA from a Rabbit Buccal Swab Using Common Household Supplies</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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<b>Ms Mackenzie Smith</b> Grade: 12    Project Type: Individual <i>Project Title: Does Local Honey Improve the Severity of Seasonal Allergies?</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b> 234 1ST
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<b>Mr Jesse McCullough</b> Grade: 12    Project Type: Team <i>Project Title: The Washroom Warden</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b> 133 1ST
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### Northwestern HS, W Salem

<b>Mr Tyler Morr</b> Grade: 12    Project Type: Team <i>Project Title: The Washroom Warden</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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### Notre Dame, Portsmouth

<b>Ms Viviana Wheeler</b> Grade: 7    Project Type: Individual <i>Project Title: Lure One In</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b> 030 HM
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### Notre Dame Jr/Sr HS, Portsmouth

<b>Ms Madison Isaac</b> Grade: 10    Project Type: Individual <i>Project Title: Acute Stress isn't Cute</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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### Notre Dame School, Chardon

<b>Ms Meghan Bhanoo</b> Grade: 7    Project Type: Individual <i>Project Title: Bounce High, Bounce Low, Where Did The Energy Go?</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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<b>Ms Amy Gabrovsek</b> Grade: 7    Project Type: Individual <i>Project Title: Doggy Diets</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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### O H Somers ES, Mogadore

<b>Ms Maya Kline</b> Grade: 5    Project Type: Individual <i>Project Title: Automatic Cat Feeder</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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### Oakstone Academy, Westerville

<b>Ms Alexandra Hadaway</b> Grade: 11    Project Type: Individual <i>Project Title: Investigating the Kinetics of the Iodine Clock Reaction</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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### Oakstone Academy, Westerville

<b>Ms Hannah Wright</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 11	Excellent	
Project Type: Individual		
Project Title: <i>Gastric Acid and The Food Groups</i>		

### Oakwood MS, Canton

<b>Ms Alexis Ames</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Excellent	
Project Type: Individual		
Project Title: <i>How Does Temperature Affect the Rebound of a Golf Ball?</i>		

<b>Mr Mitchell Amos</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Excellent	221 1ST
Project Type: Individual		
Project Title: <i>It Is Rocket Science</i>		

<b>Ms Katherine Barr</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Excellent	
Project Type: Individual		
Project Title: <i>what oysterizer works best</i>		

<b>Mr Arjun Bhatia</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Excellent	
Project Type: Individual		
Project Title: <i>exercise and memory</i>		

<b>Ms Taylor Bolon</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Superior	
Project Type: Individual		
Project Title: <i>How Background Color Impacts Vision</i>		

<b>Mr Alex Brown</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Superior	
Project Type: Individual		
Project Title: <i>What's affecting your WIFI signal?</i>		

<b>Ms Darby Curran</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Excellent	
Project Type: Individual		
Project Title: <i>which bandage sticks underwater the longest.</i>		





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### Oakwood MS, Canton

<b>Mr Paolo Sinopoli</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Superior	
<i>Project Title: Can Grass Survive Fully Inclosed</i>		

<b>Mr Carson Smith</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Excellent	
<i>Project Title: How Does Surface Temperature Affect Fingerprints?</i>		

### Ohio Virtual Academy, Toledo

<b>Ms Grace Wolf</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6    Project Type: Individual	Superior	178 1ST
<i>Project Title: What Affects Surface Wetting?</i>		

### Olentangy HS, Lewis Center

<b>Ms Mary Grace Murray</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10    Project Type: Individual	Superior	
<i>Project Title: Enhancing Accessible Pedestrian Signals: Using Tactile Maps</i>		

### Olentangy Liberty HS, Delaware

<b>Mr Shivatej Dubbaka</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 11    Project Type: Individual	No Show	
<i>Project Title: Simulation of the Depolymerization of the Filament, Hook, and Basal Body to Contain Helicobacter pylori</i>		

### Olentangy Orange HS, Lewis Center

<b>Ms Vikasini Veerni</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10    Project Type: Individual	Excellent	
<i>Project Title: DIY Gel Electrophoresis - Biochemical investigation of the composition of an unknown dye</i>		

### Olentangy Shanahan MS, Lewis Center

<b>Ms Abigail Harrell</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Excellent	
<i>Project Title: Force: Does Skill Level Affect the Amount of Force Used at the Ballet Barre?</i>		

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### Olentangy Shanahan MS, Lewis Center

<b>Ms Isha Sawhney</b> Grade: 8    Project Type: Individual <i>Project Title: Add the Biochar</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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<b>Ms Yadnya Sonawane</b> Grade: 8    Project Type: Team <i>Project Title: Brain Dominance</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Ms Archita Sriram</b> Grade: 8    Project Type: Team <i>Project Title: Brain Dominance</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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### Ontario MS, Mansfield

<b>Mr Randy Rickel</b> Grade: 8    Project Type: Individual <i>Project Title: "Oh Joy, It's Soy!"</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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### Ottawa Hills HS, Toledo

<b>Ms Priya Bhatt</b> Grade: 9    Project Type: Individual <i>Project Title: The Salt Bridge Experiment: Effect of Changing Voltage on pH Change</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Mr Scott Davis</b> Grade: 9    Project Type: Team <i>Project Title: How does the change of PSI in a football affect the distance the ball travels?</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Ms Claire Denk</b> Grade: 9    Project Type: Team <i>Project Title: How Plants Effect the Reduction of Phosphorus</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b> 080 HM
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<b>Mr Jack O'Brien</b> Grade: 9    Project Type: Team <i>Project Title: How does the change of PSI in a football affect the distance the ball travels?</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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### Ottawa Hills HS, Toledo

<b>Ms Hannah Shariff</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9	Excellent	080 HM
Project Type: Team		
Project Title: <i>How Plants Effect the Reduction of Phosphorus</i>		

### Ottoville ES, Ottoville

<b>Mr Caden Edelbrock</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Superior	
Project Type: Individual		
Project Title: <i>Ice Breakers</i>		

<b>Mr Chad Schnipke</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Superior	
Project Type: Individual		
Project Title: <i>Is Buying Bottled Water Worth It?</i>		

### Ottoville HS, Ottoville

<b>Ms Brittany A Schleeter</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 11	Excellent	
Project Type: Individual		
Project Title: <i>The Effects of lactobacillus acidophilus on G948-1C/U saccharomyces cerevisiae Exposed to UVB Radiation</i>		

<b>Ms Faith Gamble</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Superior	
Project Type: Team		
Project Title: <i>Which Gender has the best 5 senses?</i>		

<b>Ms Grace Gamble</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Superior	
Project Type: Team		
Project Title: <i>Which Gender has the best 5 senses?</i>		

### Our Lady Of Perpetual Help, Grove City

<b>Mr Beau Adair</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Excellent	
Project Type: Individual		
Project Title: <i>Personality On Media</i>		

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### Our Lady Of Perpetual Help, Grove City

<b>Ms Cassie Benkis</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Excellent	
Project Type: Individual		
Project Title: <i>How Does Chunking Affect Memory? Is Age a Factor? Is Gender a Factor?</i>		

<b>Ms Madelyn Boyden</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Superior	
Project Type: Individual		
Project Title: <i>Which Stain Remover is Best for Clothes: Stick or Spray?</i>		

<b>Ms Caroline Buendia</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Excellent	148 2ND
Project Type: Individual		
Project Title: <i>Vitamin C Is Key</i>		

<b>Ms Olivia Chambers</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Superior	
Project Type: Individual		
Project Title: <i>Which Landfill Liner Controls Leachate Best?</i>		

<b>Ms Amelia Freeman</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Superior	147 3RD
Project Type: Individual		
Project Title: <i>Is there a difference between the insulating ability of thermos brands?</i>		

<b>Ms Kaitlan Harlan</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Superior	
Project Type: Individual		
Project Title: <i>Which gender is more affected by peer pressure.</i>		

<b>Ms Millie Johnson</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Superior	
Project Type: Individual		
Project Title: <i>Can you recall...?</i>		

<b>Ms Katie Lee-Englebrecht</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Excellent	
Project Type: Individual		
Project Title: <i>Brush Up!</i>		

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### Our Lady Of Perpetual Help, Grove City

<b>Mr Zachary McAndrew</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7 Project Type: Individual	Superior	189 2ND
<i>Project Title: Does different types of music effect typing speed</i>		

<b>Ms Skylar Moody</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7 Project Type: Individual	Excellent	
<i>Project Title: Will factors such as age and gender affect the results of The Stroop Effect</i>		

<b>Mr Conor Moore</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7 Project Type: Individual	Superior	
<i>Project Title: The Monty Hall Effect; Does it Really Exist?</i>		

<b>Mr Mason Pack</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7 Project Type: Individual	Excellent	
<i>Project Title: Acid Rain Can Kill!3</i>		

<b>Mr Isaac Paul</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7 Project Type: Individual	Excellent	
<i>Project Title: I like it clean - not green</i>		

<b>Mr Angel Rivera</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7 Project Type: Individual	Superior	
<i>Project Title: Does Chromatic Adaptation Last Longer in Males or Females</i>		

<b>Ms Mia Rossi</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7 Project Type: Individual	Superior	
<i>Project Title: Does Font Style Affect Memory Recall</i>		

<b>Mr Trent Ruffing</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7 Project Type: Individual	Superior	
<i>Project Title: What Color Do You See</i>		

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### Paint Valley MS, Bainbridge

<b>Mr Bryce Blaney</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Superior	
Project Type: Individual		
Project Title: <i>If It's Not In Use, Cut The Juice</i>		

### Patrick Henry HS, Hamler

<b>Mr Nathan Bostelman</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 11	Superior	
Project Type: Individual		
Project Title: <i>Role of Ascorbic Acid as an Antioxidant in Iron Absorption</i>		

<b>Mr Nicholas Bostelman</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 11	Excellent	
Project Type: Individual		
Project Title: <i>The Benefits of Ferrofluid on Sensitivity and Harmonic Distortion in High-Frequency Speakers</i>		

<b>Ms Maya Hartman</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 11	Excellent	019 SCH 031 2ND
Project Type: Individual		
Project Title: <i>The Effects of Ethylene on the Ripening Process of the Banana</i>		

<b>Ms Hannah Meyer</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9	Superior	
Project Type: Individual		
Project Title: <i>Wattage, Heat, and Light output of CFL, Incandescent, LED, and Halogen Lightbulbs</i>		

<b>Ms Holly Schmenk</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 11	Excellent	169 HM
Project Type: Individual		
Project Title: <i>Reducing Ammonia Emissions with Alum</i>		

### Paulding HS, Paulding

<b>Ms Molly Adams</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Excellent	
Project Type: Individual		
Project Title: <i>Which hydroponic growing medium is best for growing soybeans?</i>		

<b>Mr Preston M Johanns</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 12	Superior	033 3rd
Project Type: Individual		
Project Title: <i>The Effects of Orange, Lemon, Grape and Apple Juice on Tetracycline</i>		

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### Paulding HS, Paulding

<b>Mr Cade R McGarvey</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
Grade: 11	Project Type: Individual	
Project Title:	<i>The Effects of Foods with High Fructose Corn Syrup and Sucrose on Mus musculus Mass, Blood Glucose Levels, and Body Fat</i>	

<b>Ms Jordyn Merriman</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
Grade: 9	Project Type: Individual	
Project Title:	<i>Will Adding Compost Increase Soybean Growth</i>	

<b>Ms Kaylie Tressler</b>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
Grade: 9	Project Type: Individual	
Project Title:	<i>Do French Fries Take in Different Oils at Different Times</i>	

### Paulding MS, Paulding

<b>Ms Sadie Estle</b>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
Grade: 8	Project Type: Individual	
Project Title:	<i>Do Earthworms have an affect on plant growth?</i>	

<b>Mr Hunter Kauser</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
Grade: 8	Project Type: Individual	
Project Title:	<i>Does the Material Properties Affect Distance Traveled?</i>	

<b>Ms Baylee Marie March</b>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
Grade: 8	Project Type: Individual	
Project Title:	<i>How does Frustration Affect Heart Rate?</i>	

<b>Ms Jalynn Parrett</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
Grade: 8	Project Type: Individual	
Project Title:	<i>Does Fertilizing Your Soil Affect the Nutritional Value of Hay</i>	



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### Peebles ES, Peebles

<b>Ms Vanessa Trotter</b> Grade: 6    Project Type: Individual <i>Project Title: Dirty Water!</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b> 072 2ND
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<b>Mr Sol Beech-Turner</b> Grade: 6    Project Type: Team <i>Project Title: The Rhythm of my Heart!</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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<b>Mr Mason Sims</b> Grade: 6    Project Type: Team <i>Project Title: The Rhythm of my Heart!</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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### Peebles HS, Peebles

<b>Ms Shea Perin</b> Grade: 7    Project Type: Individual <i>Project Title: Can You Take the Heat?</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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### Pettisville HS, Pettisville

<b>Mr Jacob C Dennis</b> Grade: 12    Project Type: Individual <i>Project Title: The Effect of 10-34-00 Starter Fertilizer on Glycine max Yields, Protein and Oil Content</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b> 018 1ST
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<b>Ms Gretchen M Lee</b> Grade: 11    Project Type: Individual <i>Project Title: The Effectiveness of Oregano Oil in Treating Ostertagia ostertagi</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b> 019 SCH 050 HM
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<b>Ms Jessica McWatters</b> Grade: 9    Project Type: Individual <i>Project Title: Survey of Female Athletes Knowledge and Choices of "Dairy" Drinks</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Mr Tommy McWatters</b> Grade: 8    Project Type: Individual <i>Project Title: The Effect of Weight Location on a Pinewood Derby Car</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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### Pettisville HS, Pettisville

<b>Mr Dalton Myers</b> Grade: 9    Project Type: Individual <i>Project Title: A Comparison of Various Conductive Tubing Used in a Solar Water Heater</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
<b>Mr Matthew Rupp</b> Grade: 9    Project Type: Individual <i>Project Title: A Comparison of Aluminum to 3D Printed Shear Keys</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b> 058 3RD    106 3RD
<b>Mr Baden Skates</b> Grade: 7    Project Type: Individual <i>Project Title: The Effect of Number of Blades and Pitch of Blades on Voltage Produced by Wind Turbine</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b> 070 HM
<b>Ms Jordan M Skates</b> Grade: 11   Project Type: Individual <i>Project Title: Survey of Three Different Wetlands and their Ability to Remove Excess Pollutants</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b> 061 2ND    080 2ND    087 091    1ST
<b>Mr Heath Waidelich</b> Grade: 8    Project Type: Individual <i>Project Title: EFFECT OF MICROWAVE APPLIANCES ON THE GROWTH OF PLANTS</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
<b>Ms Kayla Wyse</b> Grade: 10   Project Type: Individual <i>Project Title: The Effect of Types of Lighting on Ipomoea batatas Slip Growth</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
<b>Ms Hannah Riley</b> Grade: 8    Project Type: Team <i>Project Title: A comparison of mouthwashes on oral bacteria</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
<b>Ms Mackenzi Rivera</b> Grade: 8    Project Type: Team <i>Project Title: A comparison of mouthwashes on oral bacteria</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>

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### Piqua Catholic ES, Piqua

<b>Ms Lily Heffelfinger</b>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual		
<i>Project Title: Which species' mouth contains the most bacteria?</i>		

<b>Mr Hayden Sever</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b> 239 SCH
Grade: 6    Project Type: Individual		
<i>Project Title: Electrolyte Challenge</i>		

### Piqua HS, Piqua

<b>Ms Darby Josephine Bubp</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
Grade: 11    Project Type: Individual		
<i>Project Title: Testing the Validity of the Zodiac</i>		

<b>Ms Alivia Knorr-Sullivan</b>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
Grade: 9    Project Type: Individual		
<i>Project Title: Stroop Effect</i>		

<b>Ms Jenna Parker</b>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
Grade: 11    Project Type: Individual		
<i>Project Title: The Dirt on Soap</i>		

### Portsmouth West MS, W Portsmouth

<b>Ms Madison Russell</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual		
<i>Project Title: Year Two Bacteria Grew: Will the disinfectant cleaning agent hold its reign or will an organic cleaning agent still its fame?</i>		

<b>Ms Morgan Stiles</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
Grade: 5    Project Type: Individual		
<i>Project Title: Dirty Water, Healthy Plants ?</i>		

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### Ridgewood School, Springfield

<b>Ms Audrey Hallmark</b> Grade: 8    Project Type: Individual <i>Project Title: Energy Released from Food</i>	<b>OAS AWARD</b> No Show	<b>Sponsored Awards -if any</b>
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<b>Mr Amaan Ahmed</b> Grade: 8    Project Type: Team <i>Project Title: Metabolic Syndrome</i>	<b>OAS AWARD</b> No Show	<b>Sponsored Awards -if any</b>
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<b>Ms Sarah Hallmark</b> Grade: 6    Project Type: Team <i>Project Title: Bacteria Rocks</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Ms Eleni Linardos</b> Grade: 6    Project Type: Team <i>Project Title: Bacteria Rocks</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Mr Aadil Umerani</b> Grade: 8    Project Type: Team <i>Project Title: Metabolic Syndrome</i>	<b>OAS AWARD</b> No Show	<b>Sponsored Awards -if any</b>
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### Ripley-Union-Lewis-Huntington MS, Aberdeen

<b>Ms Mahayla Dragoo</b> Grade: 6    Project Type: Individual <i>Project Title: Earthworm Population</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Ms Maci Haitz</b> Grade: 7    Project Type: Individual <i>Project Title: Acid Rain</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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<b>Mr Luke Wilson</b> Grade: 6    Project Type: Individual <i>Project Title: Solar Power Output vs Temperature</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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### River View MS, Warsaw

<b>Mr Luke Allen</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Superior	
Project Type: Individual		
Project Title: <i>Speed Racer</i>		

<b>Ms Isabella Justice</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Superior	
Project Type: Individual		
Project Title: <i>Skyglow: The Effects Of Light Pollution On Stargazing</i>		

<b>Ms MaryAnn Lozowski</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Superior	
Project Type: Individual		
Project Title: <i>The Effect of Fermentation on Bacterial Growth</i>		

<b>Ms Britton McCoy</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Excellent	
Project Type: Individual		
Project Title: <i>Animal Bedding... Dryness Matters</i>		

<b>Ms Allison Drew Mizer</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Superior	
Project Type: Individual		
Project Title: <i>Household Cleaners: Effects on Bacterial Growth</i>		

<b>Mr Cal M Shrimplin</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Superior	
Project Type: Individual		
Project Title: <i>Sports Drinks: Read Before You Swig</i>		

<b>Mr Cole Tatro</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Excellent	
Project Type: Individual		
Project Title: <i>Gauss What? A magnetic Linear Accelerator!</i>		

### River's Edge Montessori PreK-6 School, Dayton

<b>Ms Lila Sauer</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6	Excellent	
Project Type: Individual		
Project Title: <i>Will It Slime?</i>		

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### Rock Hill MS, Ironton

<b>Mr Trenton Williams</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Superior	
Project Type: Individual		
Project Title: <i>Does Red Dye Affect Cognitive Ability?</i>		

### Rock Hill Sr HS, Ironton

<b>Mr Jasson Aguilera</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9	No Show	
Project Type: Individual		
Project Title: <i>The High-Frequency Test</i>		

### Ross County Christian Academy, Chillicothe

<b>Mr Nathan Gatewood</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Excellent	
Project Type: Individual		
Project Title: <i>The Gauss Rifle</i>		

<b>Ms Emily Faith Howie</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Excellent	
Project Type: Individual		
Project Title: <i>The Effects of Greywater on Plant Growth</i>		

### Roswell Kent MS, Akron

<b>Ms Emma Noffsinger</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Good	136 4TH
Project Type: Individual		
Project Title: <i>THE AFFECTS OF PH AND RAINFALL UPON BIODEGRADABLE TRASH BAGS AND BROWN PAPER TRASH BAGS: A GLOBAL STUDY</i>		

### Royal Redeemer Lutheran, North Royalton

<b>Ms Callie Wabeke</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Superior	
Project Type: Individual		
Project Title: <i>Soybeans &amp; Compost</i>		

### Royalmont Academy, Mason

<b>Ms Karis French</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	No Show	
Project Type: Individual		
Project Title: <i>Keep It Cold</i>		

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### Royalmont Academy, Mason

	OAS AWARD	Sponsored Awards -if any
<b>Mr Colin Klimo</b>	Excellent	
Grade: 7	Project Type: Individual	
Project Title:	<i>Running To The Tempo of Music</i>	

	OAS AWARD	Sponsored Awards -if any
<b>Mr Adam Wilson</b>	Superior	239 SCH
Grade: 6	Project Type: Individual	
Project Title:	<i>Touching Memory: What effect does touching an object have on one's ability to remember the object?</i>	

### Rushmore ES, Huber Hts

	OAS AWARD	Sponsored Awards -if any
<b>Mr Jacob Emery</b>	Excellent	
Grade: 6	Project Type: Individual	
Project Title:	<i>Electrolyte Challenge</i>	

### Rutherford B Hayes HS, Delaware

	OAS AWARD	Sponsored Awards -if any
<b>Mr Ethan Hazelton</b>	Excellent	
Grade: 9	Project Type: Individual	
Project Title:	<i>Creating an Antacid: The Effect of Common Ingredients on Stomach Acid</i>	

	OAS AWARD	Sponsored Awards -if any
<b>Ms Elizabeth White</b>	Excellent	
Grade: 9	Project Type: Individual	
Project Title:	<i>The Effects of Ionizing Radiation on the Short-Term Growth of Soybean Plants</i>	

### Sacred Heart of Jesus, Wadsworth

	OAS AWARD	Sponsored Awards -if any
<b>Ms Hannah Breckner</b>	Excellent	079 2ND
Grade: 7	Project Type: Individual	
Project Title:	<i>Eggstrodinary Geodes</i>	

	OAS AWARD	Sponsored Awards -if any
<b>Mr Mason Burton</b>	Excellent	
Grade: 7	Project Type: Individual	
Project Title:	<i>Wind Turbine Simulator</i>	

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### Sacred Heart of Jesus, Wadsworth

<b>Ms Maeve Gaffney</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Excellent	
Project Type: Individual		
Project Title: <i>Fossil Fuel vs. Biofuels: Burning Efficiency</i>		

<b>Mr Andrew Minnich</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Excellent	
Project Type: Individual		
Project Title: <i>Soaking Up Science</i>		

<b>Ms Amelia Moll</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Excellent	
Project Type: Individual		
Project Title: <i>Get a Grip!</i>		

<b>Mr Matthew Sandor</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Excellent	
Project Type: Individual		
Project Title: <i>Magnetic linear accelerator</i>		

<b>Ms Hailey Smith</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Superior	
Project Type: Individual		
Project Title: <i>Got Speed ?</i>		

<b>Ms Kylee Tenney</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Excellent	
Project Type: Individual		
Project Title: <i>A Spuddling Temp. Test!</i>		

<b>Ms Ky'Sonna Won</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Excellent	
Project Type: Individual		
Project Title: <i>Mnemonics</i>		

### Sheridan MS, Thornville

<b>Ms Erika Grum</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Superior	
Project Type: Individual		
Project Title: <i>The Effects on Eggs Before and After Feeding Pumpkins to Chickens</i>		



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### Sheridan MS, Thornville

<b>Ms Julie Nichols</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Superior	061 2ND
<i>Project Title: The Strongest Bridge</i>		

<b>Ms Macey Ranck</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Excellent	
<i>Project Title: The Golden Ratio</i>		

### Solon HS, Solon

<b>Mr Edward Dan</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9    Project Type: Individual	Superior	
<i>Project Title: How Can Phase Change Materials Reduce Energy Consumption</i>		

### South Gallia MS, Crown City

<b>Ms Emma Shamblin</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Excellent	
<i>Project Title: Now you See It, Now You Don't</i>		

### Southeastern MS, Chillicothe

<b>Ms Alexis Bailes</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Superior	
<i>Project Title: Does Doodling Effect Concentration</i>		

### St Adalbert, Berea

<b>Mr Daniel Anthony</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6    Project Type: Individual	Superior	
<i>Project Title: What Is the Effect of Temperature on How Far a Film Canister Launches?</i>		

<b>Mr Ryan Anthony</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Superior	
<i>Project Title: The Effect of Concentration and the Maillard Reaction on the Optical Activity of Fructose, Glucose, and Sucrose</i>		

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### St Adalbert, Berea

<b>Mr Ryan Shepard</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Excellent	
<i>Project Title: Does Music Affect Retention?</i>		

<b>Ms Christina Yates</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Excellent	
<i>Project Title: Are Childproof Containers Really Childproof?</i>		

### St Agatha, Columbus

<b>Mr George Ferris</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Superior	
<i>Project Title: Could Lactase Expose Hidden Sugar In Milk?</i>		

<b>Mr William Ferris</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Excellent	
<i>Project Title: Generic vs. Name Brand Batteries</i>		

<b>Ms Molly Griffith</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Superior	028 1ST
<i>Project Title: Do Names Affect Personality?</i>		

<b>Mr Armando Mastropietro</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Superior	
<i>Project Title: How Does Temperature Affect Tennis Ball Bounce Height</i>		

<b>Ms Katherine McGrath</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Excellent	
<i>Project Title: How Does Music Affect Your Blood Pressure?</i>		

<b>Ms Julia Petrie</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Superior	
<i>Project Title: Growth of Bacteria on Food When Dropped on Various Surfaces</i>		

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### St Albert The Great, N Royalton

<b>Ms Marissa Arnold</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Superior	072 HM
<i>Project Title: Bottled Bacteria</i>		

### St Aloysius, Bowling Green

<b>Ms Kaylee Dean</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Superior	
<i>Project Title: There is More Than What Meets the Eye</i>		

<b>Ms Jasmine Flores</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Superior	
<i>Project Title: Does Hair Color Affect the Amount of Static Electricity in the Hair</i>		

<b>Mr Elijah Gladden</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Excellent	
<i>Project Title: Descent of a Parachute</i>		

<b>Ms Claire Heffernan</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Excellent	
<i>Project Title: Let It Grow</i>		

<b>Ms Gretchen Shope</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	No Show	
<i>Project Title: Fermenting Juice at Home</i>		

<b>Ms Kaitlyn Taylor</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Excellent	
<i>Project Title: Say Cheese!</i>		

<b>Ms Kate Tretter</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Superior	
<i>Project Title: Do You Hear What I Hear?</i>		

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### St Aloysius, Bowling Green

<b>Ms Willow Wymer</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Excellent	
Project Type: Individual		
Project Title: <i>Sip All Day, Get Decay</i>		

### St Andrew/St Elizabeth A Seton, Milford

<b>Ms Emily Fridley</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Excellent	
Project Type: Individual		
Project Title: <i>Fonts' Impact On Memory</i>		

<b>Ms Addie Kern</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Excellent	033 3RD
Project Type: Individual		
Project Title: <i>Go Bananas For Science</i>		

<b>Mr James Limberg</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Superior	
Project Type: Individual		
Project Title: <i>Which Laundry Detergents Are Effective Against Odor Causing Bacteria?</i>		

<b>Ms Terrelyn Virzi</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Superior	
Project Type: Individual		
Project Title: <i>How does the Measurement of Time Affect Eyewitness Testimonies?</i>		

### St Anselm, Chesterland

<b>Ms Elizabeth Kent</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6	Excellent	
Project Type: Individual		
Project Title: <i>Does Coconut Oil Kill Streptococcus mutans?</i>		

<b>Mr Robert Kent</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Superior	
Project Type: Individual		
Project Title: <i>Are Microplastic Contaminants More Abundant in Farm Raised or Wild Clams?</i>		

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### St Anthony of Padua, Columbus Grove

<b>Ms Mackenzie Langhals</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Superior	217 2ND
<i>Project Title: Powerful Nuts</i>		

<b>Mr Roy Langhals</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Excellent	
<i>Project Title: Preventing Mold with Aloe Vera Juice</i>		

### St Benedict, Cambridge

<b>Ms Kelly Goggin</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Excellent	
<i>Project Title: How does temperature affect the volume of gas</i>		

### St Benedict Catholic School, Toledo

<b>Mr Christopher Rathge</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Excellent	
<i>Project Title: Reaching Greater Altitudes</i>		

### St Cecilia, Columbus

<b>Ms Kaitlyn Lancia</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Excellent	
<i>Project Title: How do cats react to different smells?</i>		

<b>Ms Grace Larger</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Excellent	
<i>Project Title: Chromatography Are dyes in household food coloring the same as dyes in commercial M&amp;M candy coatings?</i>		

### St Charles, Boardman

<b>Ms Giana DiGaetano</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Superior	
<i>Project Title: Do Colors Influence Communication in Children with Autism</i>		

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### St Charles Borromeo, Kettering

<b>Ms Liesl Carter</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Excellent	
Project Type: Individual		
Project Title: <i>Luminol and blood reaction on different surfaces</i>		

<b>Ms Megan Lapp</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Excellent	
Project Type: Individual		
Project Title: <i>Which Cookies</i>		

<b>Ms Lauren Popp</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Superior	
Project Type: Individual		
Project Title: <i>Catching Fire</i>		

### St Christopher, Vandalia

<b>Ms Mikayla Jette</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Superior	
Project Type: Individual		
Project Title: <i>Does Music Affect Short Term Memory?</i>		

### St Columban, Loveland

<b>Ms Emma Bruns</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Excellent	
Project Type: Individual		
Project Title: <i>What genre of music grows the most bacteria</i>		

<b>Ms Sophia Germano</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Superior	
Project Type: Individual		
Project Title: <i>Improving Water Retention in Soil</i>		

<b>Ms Anna Hawkins</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Excellent	148 2ND
Project Type: Individual		
Project Title: <i>Clean Your Cans a Better Way</i>		

<b>Ms Emma Reutelshofer</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Superior	
Project Type: Individual		
Project Title: <i>Biochar: A Tool to Solving Global Warming</i>		

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### St Columban, Loveland

<b>Mr Leonardo Santamarina</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual		
<i>Project Title: Determining the Effect of a Ball's Air Pressure on the Distance Travelled</i>		

<b>Ms Clare Sullivan</b>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual		
<i>Project Title: Zika Pesticides: Toxic Effects</i>		

<b>Ms Hope Vonder Brink</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual		
<i>Project Title: Testing the Efficacy of Natural Ant Repellents</i>		

<b>Mr Andrew Wagner</b>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual		
<i>Project Title: What's the Best Way to Create a Password?</i>		

<b>Mr Andrew Worpenberg</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual		
<i>Project Title: What Type of Magnet Makes the Most Effective Hover Board?</i>		

<b>Ms Annabella Black</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Team		
<i>Project Title: Soil Stability during an Earthquake</i>		

<b>Ms Cate Pilon</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Team		
<i>Project Title: Soil Stability during an Earthquake</i>		

<b>Ms Katy Schaaf</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Team		
<i>Project Title: Bryozoa: A Natural Solution to Forms of Water Pollution</i>		

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### St Columban, Loveland

<b>Ms Rebecca Schell</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Team	Superior	
<i>Project Title: Bryozoans: A Natural Solution to Forms of Water Pollution</i>		

### St Edward, Ashland

<b>Ms Audrey Birkes</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Excellent	
<i>Project Title: Sugar Content Change in Fruit</i>		

<b>Ms Gaby Eckrich</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Superior	
<i>Project Title: The Stroop Effect: Exploring the Difference Between Male and Female Reaction Times</i>		

<b>Ms Alaina Reed</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Superior	087
<i>Project Title: Comparing the Disinfecting Capability of Ultraviolet Light Versus Alcohol Based Disinfecting Wipes on Cellular Devices</i>		

<b>Ms Elyse Reed</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Excellent	080 1ST
<i>Project Title: The Effects of Ocean Acidification on Decomposing Polyethylene</i>		

<b>Ms Marissa Stout</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Excellent	
<i>Project Title: Lowering the Freezing Point of Water to make ice cream</i>		

<b>Mr Jacob Stump</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Excellent	
<i>Project Title: The Effects of Mass and Diameter on the Velocity and Acceleration of Marbles</i>		



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### St Francis DeSales, Lebanon

<b>Mr Justin Davis</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Excellent	
<i>Project Title: Stream Filtration</i>		

<b>Ms Camilla Pacetti</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Excellent	
<i>Project Title: Thick or Thin?</i>		

### St Francis DeSales, Newark

<b>Mr Michael Ouweleen</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Excellent	
<i>Project Title: Ice and Salt: The Complicated Science Behind a Simple Query</i>		

<b>Mr Joseph Windholtz</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Excellent	
<i>Project Title: Does Liquid Fabric Softener Affect the Flammability of Cotton?</i>		

### St Francis Xavier, Medina

<b>Mr Jack Burke</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6    Project Type: Individual	Superior	
<i>Project Title: Dribbling a Basketball: Does it Create Thermal Energy?</i>		

<b>Mr Andrew Ciccotelli</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Excellent	
<i>Project Title: Electrolysis of Water - Harnessing the Power Within</i>		

<b>Ms Anna Kalka</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6    Project Type: Individual	Excellent	
<i>Project Title: The Effect of Symmetry on the Rating of Facial Attractiveness</i>		

<b>Ms Oliviana Lika</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6    Project Type: Individual	Superior	239 SCH
<i>Project Title: Distraction: Friend or Foe</i>		

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### St Francis Xavier, Medina

	OAS AWARD	Sponsored Awards -if any
<b>Mr Declan Messner</b>	Excellent	
Grade: 8	Project Type: Individual	
Project Title:	<i>Can Fish Learn to Decipher Shapes Using Operant Conditioning?</i>	

	OAS AWARD	Sponsored Awards -if any
<b>Mr Ryan Zolkowski</b>	Superior	070 HM
Grade: 6	Project Type: Individual	
Project Title:	<i>Tsunami - I think not!</i>	

### St Gertrude, Cincinnati

	OAS AWARD	Sponsored Awards -if any
<b>Ms Stephanie Schmitt</b>	Superior	
Grade: 7	Project Type: Individual	
Project Title:	<i>Does Chewing Gum Help You Concentrate?</i>	

	OAS AWARD	Sponsored Awards -if any
<b>Ms Sarah Wordeman</b>	Superior	
Grade: 7	Project Type: Individual	
Project Title:	<i>H2O Hazards</i>	

### St Hilary, Fairlawn

	OAS AWARD	Sponsored Awards -if any
<b>Ms Lucille Chmura</b>	Superior	136 1ST
Grade: 8	Project Type: Individual	
Project Title:	<i>2-DIMENSIONAL IMAGE RECOGNITION PATTERNS IN NORTHEAST OHIO BIRD POPULATIONS</i>	

	OAS AWARD	Sponsored Awards -if any
<b>Ms Clara Hoffert</b>	Superior	
Grade: 7	Project Type: Individual	
Project Title:	<i>Bacteria in Your Beauty Blender</i>	

	OAS AWARD	Sponsored Awards -if any
<b>Ms Nicole Reese</b>	Excellent	
Grade: 8	Project Type: Individual	
Project Title:	<i>True Sweetness of Artificial Sweeteners</i>	

	OAS AWARD	Sponsored Awards -if any
<b>Ms Celia Baranek</b>	Superior	
Grade: 8	Project Type: Team	
Project Title:	<i>Bendy Bandages</i>	

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### St Hilary, Fairlawn

<b>Mr Cline Hearty</b> Grade: 8    Project Type: Team <i>Project Title: Slip or Stick</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Ms Kate Krismanth</b> Grade: 8    Project Type: Team <i>Project Title: Bandy Bandages</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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<b>Ms Clara Krohn</b> Grade: 8    Project Type: Team <i>Project Title: Rotating Bench</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Mr Daniel Monea</b> Grade: 8    Project Type: Team <i>Project Title: Slip or Stick</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Ms Allison Swiatkowski</b> Grade: 8    Project Type: Team <i>Project Title: Rotating Bench</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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### St Ignatius Loyola, Cincinnati

<b>Mr Benjamin Albrinck</b> Grade: 8    Project Type: Team <i>Project Title: Humans vs. Artificial Neural Networks</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Mr Daniel Morgan</b> Grade: 8    Project Type: Team <i>Project Title: Humans vs. Artificial Neural Networks</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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### St John, Bellaire

<b>Ms Francesca Moore</b> Grade: 11    Project Type: Individual <i>Project Title: Do Teens have Stress?</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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### St John, Marietta

<b>Mr Antony Melem</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6	Excellent	
Project Type: Individual		
Project Title: <i>What is the Most Common Fingerprint?</i>		

### St Joseph, Cuyahoga Falls

<b>Mr Joseph Conti</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Excellent	
Project Type: Individual		
Project Title: <i>Shade Balls</i>		

<b>Ms Veronica Lynch</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Excellent	
Project Type: Individual		
Project Title: <i>What is the True Color</i>		

### St Joseph, Sylvania

<b>Mr Jacob Ziegler</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Excellent	
Project Type: Individual		
Project Title: <i>What Material Best Filters Algae From Water?</i>		

### St Jude, Elyria

<b>Mr Dylan Gonzalez</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Excellent	
Project Type: Individual		
Project Title: <i>Does the color of light affect how much energy a solar panel produces?</i>		

<b>Mr Andrew Klein</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Excellent	
Project Type: Individual		
Project Title: <i>Shake Science-What Building Design can withstand an earthquake</i>		

### St Lawrence, Ironton

<b>Mr Mark Hodges</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6	Excellent	
Project Type: Individual		
Project Title: <i>Incredible Insulators</i>		

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### St Louis ES, Owensville

<b>Mr Ryan Blair</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
Grade: 7	Project Type: Individual	
Project Title:	<i>Comparison of Load Bearing Capacity of 3D Printed Shapes</i>	

<b>Mr David Gardner</b>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
Grade: 7	Project Type: Individual	
Project Title:	<i>The Effect of Water to Cement Ratio on the Strength Property of Concrete</i>	

### St Luke, Beavercreek

<b>Mr Anthony Gabriele</b>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
Grade: 8	Project Type: Individual	
Project Title:	<i>Storage cases of toothbrushes</i>	

<b>Mr Kyle Provonsil</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
Grade: 8	Project Type: Individual	
Project Title:	<i>Parachutes</i>	

<b>Ms Josephine Rose</b>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
Grade: 8	Project Type: Individual	
Project Title:	<i>Best Egg Quality: Caged, Cage Free, or Pasture Raised</i>	

<b>Mr Kenneth Shahady</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
Grade: 8	Project Type: Individual	
Project Title:	<i>Can Simulation Predict Real World Events?</i>	

### St Mary, Chardon

<b>Mr Daniel Duffy</b>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
Grade: 8	Project Type: Individual	
Project Title:	<i>Heating Up</i>	

<b>Ms Ellie Faber</b>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
Grade: 8	Project Type: Individual	
Project Title:	<i>UV Fright</i>	

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### St Mary, Chardon

<b>Ms Faye Hoey</b> Grade: 8    Project Type: Individual <i>Project Title: H2Oh No!</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Ms Mary McCauley</b> Grade: 8    Project Type: Individual <i>Project Title: Can You Tell the Difference?</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Ms Faith Tomsick</b> Grade: 7    Project Type: Individual <i>Project Title: Restaurant Dining: The Dirty Truth</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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### St Mary, Delaware

<b>Mr Gavin Froehlich</b> Grade: 8    Project Type: Individual <i>Project Title: What liquids cause the most tooth decay</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Ms Faith Kurtz</b> Grade: 8    Project Type: Individual <i>Project Title: Do different noises affect memory?</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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<b>Mr Daniel Marino</b> Grade: 8    Project Type: Individual <i>Project Title: Which common insulator retains heat most effectively?</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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<b>Mr Maxwell McLeod</b> Grade: 8    Project Type: Individual <i>Project Title: How do different genres of music affect test taking?</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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### St Mary, Lancaster

<b>Ms Emma Albert</b> Grade: 8    Project Type: Individual <i>Project Title: The Coagulation of Milk Using Fruit Enzymes</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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### St Mary, Lancaster

<b>Ms Sylvia Boyden</b> Grade: 7    Project Type: Individual <i>Project Title: The Chosen Towel</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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<b>Mr Jonathan Crook</b> Grade: 7    Project Type: Individual <i>Project Title: Redhead Hotheads</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Ms Kate Crow</b> Grade: 7    Project Type: Individual <i>Project Title: Preventing Heat Stroke in Dogs</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Ms Taylor Fitch</b> Grade: 8    Project Type: Individual <i>Project Title: How Accurate is the Rorschach Inkblot Test?</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Mr Leo Gauerke</b> Grade: 7    Project Type: Individual <i>Project Title: Glue Strength</i>	<b>OAS AWARD</b> No Show	<b>Sponsored Awards -if any</b>
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<b>Ms Paige Gavin</b> Grade: 8    Project Type: Individual <i>Project Title: Does Music Affect Short Term Memory</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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<b>Mr Patrick Kenney</b> Grade: 7    Project Type: Individual <i>Project Title: How Does the Loft of the Golf Club effect the Distance the Ball Travels?</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Ms Maureen Murphy</b> Grade: 7    Project Type: Individual <i>Project Title: The Waterbourne Supremacy</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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### St Mary, Lancaster

<b>Mr Luke Sharp</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Superior	
<i>Project Title: Alr Hockey and Angles</i>		

### St Mary, Marietta

<b>Ms Abby Anderson</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Excellent	
<i>Project Title: Which Popular Children's Beverage Causes the Most Tooth Decay?</i>		

<b>Ms Shelby Anderson</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Superior	
<i>Project Title: Which Household Cleaning Product is Hardest on a Manicure?</i>		

<b>Mr Trey Brown</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Superior	
<i>Project Title: What hits a baseball farther, wooden or metal bats?</i>		

### St Mary Central, Martins Ferry

<b>Mr Spencer Helms</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Excellent	
<i>Project Title: How Does Invertase Effect Glucose Concentration?</i>		

<b>Mr Trey Helms</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Excellent	
<i>Project Title: Taste and Smell, the Connection?</i>		

<b>Ms Alexis Hood</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 5    Project Type: Individual	Superior	
<i>Project Title: cooling or sensation</i>		

<b>Mr Jacob Tyler Richards</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Excellent	
<i>Project Title: Is Sensitivity Heightened On Your Dominant Side?</i>		



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### St Mary Central, Martins Ferry

<b>Mr Matthias Sacco</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 5	Superior	
Project Type: Individual		
Project Title: <i>Ground Erosion</i>		

<b>Mr Zachary J Vargo</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Superior	
Project Type: Individual		
Project Title: <i>How Does Electromagnetic Fields Effect Brine Shrimp?</i>		

<b>Ms Ava Zelek</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6	Excellent	
Project Type: Individual		
Project Title: <i>What Color Influences Memory the Best?</i>		

### St Mary Immaculate Conception, Wooster

<b>Mr Sam Bohner</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 5	Superior	
Project Type: Individual		
Project Title: <i>Airfoil and How It Affects Lift</i>		

### St Michael, Independence

<b>Mr John Niezgoda</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Superior	
Project Type: Individual		
Project Title: <i>Optimal Mass and Angle for Air Rocket Launching</i>		

<b>Ms Alexandria Sinopoli</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	No Show	
Project Type: Individual		
Project Title: <i>Dissolving Alka-Seltzer</i>		

### St Michael, Worthington

<b>Mr Joseph Barlage</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Superior	
Project Type: Individual		
Project Title: <i>Wind Power: What's the Angle?</i>		

<b>Ms Brooke Biagi</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	No Show	
Project Type: Individual		
Project Title: <i>Does the type of stretching performed before a split jump affect the height?</i>		

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### St Michael, Worthington

<b>Ms Cecilia Coglianesi</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Superior	
Project Type: Individual		
Project Title: <i>Which Food Dissolves the Fastest in Muriatic Acid?</i>		

<b>Ms Chloe Forrest</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Superior	
Project Type: Individual		
Project Title: <i>Food Technology: Can a Cell Phone be Charged by a Fruit or Vegetable Battery</i>		

<b>Ms Hope Hinger</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Excellent	
Project Type: Individual		
Project Title: <i>Which hot sauce is the most acidic?</i>		

<b>Ms Madeline McNamara</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Superior	
Project Type: Individual		
Project Title: <i>Do some containers prevent mold on strawberries longer than others?</i>		

<b>Mr Matthew Scheiwer</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Excellent	
Project Type: Individual		
Project Title: <i>Stealth - How Invisible is It?</i>		

### St Michael Consolidated, Ripley

<b>Ms Alexandra Arn</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6	Superior	
Project Type: Individual		
Project Title: <i>Wood vs Aluminum</i>		

<b>Ms Caroline Day</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Superior	090 2ND
Project Type: Individual		
Project Title: <i>Do the Crude Protein, Fat, &amp; Fiber Content of Rabbit Feed Affect the Nutrient Value of the Manure Produced?</i>		

<b>Ms Emma Elizabeth Helbling</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Excellent	
Project Type: Individual		
Project Title: <i>Can an Artificial Pancreas Model Powered by an Electrical Current Mimic Insulin Regulating High Blood Glucose?</i>		

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### St Michael Consolidated, Ripley

<b>Ms Rhiannon Nuernberg</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6	Excellent	079 3RD
Project Type: Individual		
Project Title: <i>Beach Erosion: Causes, Prevention, and Protection</i>		

<b>Mr Aaron Teegarden</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Good	
Project Type: Individual		
Project Title: <i>Make Beverages Great Again</i>		

### St Paschal Baylon, Highland Heights

<b>Ms Anja Rowane</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Excellent	
Project Type: Individual		
Project Title: <i>Which Wing Design Creates the Greatest Lift</i>		

### St Paul, N Canton

<b>Ms Anna Leonard</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Excellent	
Project Type: Individual		
Project Title: <i>How Many Milliliters of Water Will Increase a Water Bottle Rocket's Altitude the Most?</i>		

<b>Ms Grace May</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Excellent	
Project Type: Individual		
Project Title: <i>Golf Ball Performance</i>		

<b>Ms Rylie Severson</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Excellent	
Project Type: Individual		
Project Title: <i>Which substance, Sodium Chloride or Calcium Chloride, will lower the freezing point of water the most?</i>		

<b>Ms Elizabeth Vincent</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Superior	
Project Type: Individual		
Project Title: <i>What section of Beech Creek, tree cover or no tree cover, deep or shallow water has the best water quality?</i>		

### St Paul, Salem

<b>Ms Sarah Bungard</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6	Excellent	
Project Type: Individual		
Project Title: <i>The Point of a Parabola: Focusing Signals For a Better Wireless Network</i>		

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### St Paul, Salem

<b>Ms Bailey Staudt</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Good	
<i>Project Title: Fire Away</i>		

### St Paul, Westerville

<b>Ms Sydney Eader</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Superior	
<i>Project Title: The Effect of Gender on the Efficiency of Multitasking</i>		

<b>Mr Nathaniel Fanning</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Excellent	147 2ND
<i>Project Title: Do Different Solutes Effect The Melting Rate of Ice?</i>		

<b>Ms Kendall Gonya</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Excellent	
<i>Project Title: The Effect of Phosphorescence on Char Length of Children's Sleepwear Designs</i>		

<b>Mr Ryan Gustafson</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Superior	
<i>Project Title: Where Does a Bouncing Ball's Energy Go?</i>		

<b>Mr Kevin Heil</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Excellent	028 1ST
<i>Project Title: Does Gender Affect Multitasking Ability?</i>		

<b>Ms Marley Jackson</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Excellent	
<i>Project Title: Does Gender Affect the Amount of Time it takes to Read Aloud Warped Words with the Stroop Effect?</i>		

<b>Mr Noah Kistler</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Superior	
<i>Project Title: The Effect of the Type of Wood Bat on How Far a Baseball Travels</i>		

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### St Paul, Westerville

<b>Ms Marlee Kroll</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Excellent	
<i>Project Title: The Effect of Eye Color on Vision</i>		

<b>Ms Julia Mauger</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Excellent	189 1ST
<i>Project Title: The Effect of Music on the Interpretation of a Visual Scene</i>		

<b>Ms Lillian Metzger</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Superior	
<i>Project Title: The Effect of Sunscreen on Plant Growth</i>		

<b>Mr Alexander Michalec</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	No Show	
<i>Project Title: The Effect of Age and Gender on Instant Gratification</i>		

<b>Mr John Protz</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Excellent	
<i>Project Title: The Effect of Drag on the Distance a Model Plane Flies</i>		

<b>Ms Ella Reither</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Superior	
<i>Project Title: The Effect of Tap, Bottled, or Filtered Water on pH</i>		

<b>Ms Evelyn Sarle</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Superior	
<i>Project Title: The Effect of Sulfuric and Nitric Acids on Lettuce Seeds' Growth</i>		

<b>Ms Mia Slanoc</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Excellent	
<i>Project Title: The Effect of Different Genres of Music on Bacterial Growth</i>		

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### St Paul, Westerville

<b>Mr Nathan Stevenson</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Excellent	
<i>Project Title: The Effect of Vitamins on Plant Growth</i>		

<b>Ms Haley Weis</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Excellent	
<i>Project Title: The Effect of Different Solutes on the Freezing Point of Water</i>		

<b>Mr Aidan Williams</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	No Show	
<i>Project Title: How much sugar is in drinks?</i>		

<b>Ms Ashleigh Zehala</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Superior	
<i>Project Title: The Effect of Ship Design on Cargo</i>		

<b>Mr Jason Zehala</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Superior	
<i>Project Title: Maximizing Solar Oven Performance</i>		

### St Peter, Huber Hts

<b>Ms Suzanne Lyons</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Superior	
<i>Project Title: Will A Robot Be Able To Navigate Its Way Through Three Simple Mazes?</i>		

### St Peter, N Ridgeville

<b>Ms Emma Barlow</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Superior	
<i>Project Title: Wanna Meat for a coke?</i>		

<b>Mr Christopher Krupka</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Excellent	
<i>Project Title: Does the amount of light change the number of eggs laid?</i>		

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### St Raphael, Bay Village

<b>Ms Anna Godlewski</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Superior	
Project Type: Individual		
Project Title: <i>An Observation of the Effects of Different Coca-Cola Products on the Dissolution of Tooth Enamel</i>		

<b>Ms Kathleen Lavelle</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Superior	
Project Type: Individual		
Project Title: <i>We Will Rise: the Effect of Fermentation on the Weight of Bread after Being Cooked</i>		

<b>Ms Grace Soltesz</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	No Show	
Project Type: Individual		
Project Title: <i>Germ-A-Phone: Evaluation of Four Different Methods to Sanitize Cellular Phones</i>		

<b>Mr Patrick Wynne</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Superior	
Project Type: Individual		
Project Title: <i>Under Pressure: How Sand Affects the Strength of Concrete</i>		

<b>Mr Brendan Knapp</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Superior	
Project Type: Team		
Project Title: <i>The Effect of Salt on the Flow Rate of Water Through a Magnetic Field</i>		

<b>Mr Tom McConville</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Superior	
Project Type: Team		
Project Title: <i>The Effect of Salt on the Flow Rate of Water Through a Magnetic Field</i>		

### St Rita, Solon

<b>Mr Leo Fornara</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Superior	
Project Type: Individual		
Project Title: <i>Let It Grow! How Different Solis Affect Plant Growth</i>		

<b>Ms Caroline Morgan</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Excellent	
Project Type: Individual		
Project Title: <i>There Is A Chill In The Hair: The Effect Of Hair Color On Cold Sensitivity</i>		

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### St Rita, Solon

<b>Ms Nina Padanilam</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Superior	
<i>Project Title: Exercise That Brain: The Effect of Running on Memory</i>		

<b>Ms Anna Tillinghast</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Excellent	
<i>Project Title: Can Music Affect Concentration</i>		

<b>Ms Melanie Geiger</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Team	Excellent	
<i>Project Title: Too Much Fun in the Sun</i>		

<b>Ms Emma Kealy</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Team	Excellent	
<i>Project Title: Too Much Fun in the Sun</i>		

### St Timothy, Columbus

<b>Ms Lucia Cherok</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Excellent	
<i>Project Title: Color from a Bird's Eye View</i>		

### St Vincent de Paul, Mt Vernon

<b>Ms Camille Fuller</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Superior	
<i>Project Title: Nutrient Preservation</i>		

<b>Ms Grace Mayville</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6    Project Type: Individual	Excellent	
<i>Project Title: Water Hardness</i>		

<b>Ms Kaitlyn Morgan</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6    Project Type: Individual	Excellent	
<i>Project Title: Moisturizers</i>		



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### St Vincent de Paul, Mt Vernon

<b>Mr Ty Oliver</b> Grade: 6    Project Type: Individual <i>Project Title: Expansion</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Mr Bryan Sabula</b> Grade: 7    Project Type: Individual <i>Project Title: Hydrodynamics</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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<b>Mr Matthew Salvucci</b> Grade: 6    Project Type: Individual <i>Project Title: Stealth Technology</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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<b>Ms Kylie Schaeferle</b> Grade: 7    Project Type: Individual <i>Project Title: Superconductivity</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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### St Vincent St Mary, Akron

<b>Ms Ava Beskitt</b> Grade: 10    Project Type: Individual <i>Project Title: Glucose Reduction Using Fruit</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b> 169 HM
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<b>Ms Rebecca Cabe</b> Grade: 11    Project Type: Individual <i>Project Title: The Reality Behind Rock, Paper, Scissors: The Factors that Impact a Human's Decision Making Process</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Mr Michael J Chmura</b> Grade: 11    Project Type: Individual <i>Project Title: Molecular Dynamics Simulation of Polymer Droplets Spreading on a Surface Substrate</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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<b>Mr Joseph G Conti</b> Grade: 12    Project Type: Individual <i>Project Title: Thermoplastic Polyurethane Ionomers</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b> 033 2nd
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### St Vincent St Mary, Akron

<b>Ms Fiona M Gaffney</b> Grade: 10    Project Type: Individual <i>Project Title: Organic Corrosion Inhibitors</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
<b>Ms Molly Haines</b> Grade: 11    Project Type: Individual <i>Project Title: Poly (ester urea)s for Soft Tissue Repair</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
<b>Mr Zichao Hu</b> Grade: 11    Project Type: Individual <i>Project Title: Effect of polymer film structure on hydrophobicity</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b> 058 1ST    106 1ST
<b>Ms Olivia Janolo</b> Grade: 11    Project Type: Individual <i>Project Title: The Effects of Varying Surfaces on Bacteria Growth</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
<b>Mr Patrick L McFarland</b> Grade: 12    Project Type: Individual <i>Project Title: Supra Macromolecular Cages Self Assembled by Terpyridine Based Ligands</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
<b>Ms Alexandria E Oliverio</b> Grade: 12    Project Type: Individual <i>Project Title: Effect of Osteogenic Growth Peptide Coated Titanium on Bone Growth after Total Knee and Hip Replacements</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
<b>Ms Caroline Pier</b> Grade: 11    Project Type: Individual <i>Project Title: The Effect of Temperature on Thermoresponsive, Biocompatible Polyesters</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b> 148 2ND
<b>Ms Kirstin Pier</b> Grade: 9      Project Type: Individual <i>Project Title: The Effect of Increasing Temperatures on Water Fleas' Reproduction</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b> 030 3RD

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### St Vincent St Mary, Akron

<b>Ms Natalie Wammes</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10    Project Type: Individual	Excellent	
<i>Project Title: Color and Memory Recall</i>		

<b>Ms Nina Wolf</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10    Project Type: Individual	Superior	
<i>Project Title: The Effect of Temperature on Paper Chromatography</i>		

### Summit Country Day, Cincinnati

<b>Ms Lillian Chow</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 12    Project Type: Individual	Superior	212 1ST
<i>Project Title: senseSack: A Wearable SleepSack Containing Wireless Sensors for Monitoring Infant Body Vitals</i>		

<b>Mr Liam Lindy</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 12    Project Type: Individual	Superior	080 3RD
<i>Project Title: Epigenetic Effects of Car Exhaust in Drosophila Melanogaster</i>		

### Sunrise Academy, Hilliard

<b>Mr Anas Mereb</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 5    Project Type: Individual	Superior	108 HM    239 SCH
<i>Project Title: Effective and Cheap Absorbents for Engine Oil and Crude Oil</i>		

### Sycamore HS, Cincinnati

<b>Mr Mohit Dighamber</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10    Project Type: Individual	Superior	019 SCH
<i>Project Title: Efficacy of Hydrophytes in the Phytoremediation of Ammonium Nitrate</i>		

<b>Ms Harsimran Makkad</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 11    Project Type: Individual	Superior	
<i>Project Title: Modeling Transcription Factors</i>		

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### Sycamore HS, Cincinnati

	OAS AWARD	Sponsored Awards -if any
<b>Mr Hari Murali</b>	Excellent	
Grade: 6	Project Type: Individual	
Project Title:	<i>Studying the Effect of Fenugreek on the Carbohydrate Metabolism in Yeast</i>	

	OAS AWARD	Sponsored Awards -if any
<b>Mr Aaron P Charnay</b>	Superior	080 1ST 139 1ST
Grade: 12	Project Type: Team	
Project Title:	<i>The Feasibility of Using Bamboo as a Source of Ethanol for Fuel</i>	

	OAS AWARD	Sponsored Awards -if any
<b>Mr Benjamin P Charnay</b>	Superior	080 1ST
Grade: 12	Project Type: Team	
Project Title:	<i>The Feasibility of Using Bamboo as a Source of Ethanol for Fuel</i>	

	OAS AWARD	Sponsored Awards -if any
<b>Ms Shruthi Chidambaram</b>	Excellent	
Grade: 9	Project Type: Team	
Project Title:	<i>Melodic Memory</i>	

	OAS AWARD	Sponsored Awards -if any
<b>Mr Maximillian Guo</b>	Superior	
Grade: 10	Project Type: Team	
Project Title:	<i>Improving the Laser Keyboard</i>	

	OAS AWARD	Sponsored Awards -if any
<b>Mr Yuhi Hakozaki</b>	Superior	
Grade: 10	Project Type: Team	
Project Title:	<i>Improving the Laser Keyboard</i>	

	OAS AWARD	Sponsored Awards -if any
<b>Ms Debasmita Kanungo</b>	Excellent	
Grade: 9	Project Type: Team	
Project Title:	<i>Melodic Memory</i>	

### Sycamore JS, Cincinnati

	OAS AWARD	Sponsored Awards -if any
<b>Ms Claire Atkinson</b>	Excellent	028 2ND
Grade: 7	Project Type: Individual	
Project Title:	<i>The Effect of Music on the Human Body: A Meta-Analysis</i>	

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### Sycamore JS, Cincinnati

	OAS AWARD	Sponsored Awards -if any
<b>Mr Ethan Heist</b>	Excellent	067 2ND
Grade: 8	Project Type: Individual	
Project Title:	<i>CALAMITY! Motor Oil Lubrication and the Effect on Friction</i>	

	OAS AWARD	Sponsored Awards -if any
<b>Ms Nicole Lim</b>	Superior	030 HM 080 3RD
Grade: 8	Project Type: Individual	
Project Title:	<i>The Impact of NanosilverToxified Water on the Lifespan of Planarians</i>	

### Sylvania Northview HS, Sylvania

	OAS AWARD	Sponsored Awards -if any
<b>Ms Marisa Gill</b>	No Show	
Grade: 11	Project Type: Individual	
Project Title:	<i>Does Clothing Color have an Impact on a Job Interview?</i>	

	OAS AWARD	Sponsored Awards -if any
<b>Ms Kathryn Mertens</b>	Superior	023 1ST 028 1ST 190 1st
Grade: 11	Project Type: Individual	
Project Title:	<i>How Perception of a Teenager's Lifestyle Affects Strangers' Willingness to Help Them</i>	

	OAS AWARD	Sponsored Awards -if any
<b>Ms Karen Pan</b>	Superior	
Grade: 11	Project Type: Individual	
Project Title:	<i>The Endogenous Negative Regulators: Potential Drug Targets</i>	

	OAS AWARD	Sponsored Awards -if any
<b>Ms Camryn Pillar</b>	Superior	
Grade: 11	Project Type: Individual	
Project Title:	<i>The Effects of Memory Due to Braingames</i>	

	OAS AWARD	Sponsored Awards -if any
<b>Ms Kayla Thielen</b>	Superior	028 2ND
Grade: 11	Project Type: Individual	
Project Title:	<i>The Influence of Geographical Location on Teenage Dating Preferences</i>	

### Sylvania Southview HS, Sylvania

	OAS AWARD	Sponsored Awards -if any
<b>Ms Margaret Bohmer</b>	Superior	
Grade: 11	Project Type: Individual	
Project Title:	<i>Solubility of MOMIPP in Varying Organic Solvents and Gelling Substances for Targeted Delivery</i>	

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### Sylvania Southview HS, Sylvania

<b>Mr Maximilian J Carr</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
Grade: 10    Project Type: Individual		
<i>Project Title:    The Effect of Personality Type on Media Preference</i>		

<b>Ms Valentina Carr</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b> 148 1ST
Grade: 12    Project Type: Individual		
<i>Project Title:    The Viability of N-Acetylcysteine Supplement to Thin the Cervical Mucus</i>		

<b>Ms Arukshita Goel</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b> 012 SCH
Grade: 11    Project Type: Individual		
<i>Project Title:    Platelet-Dependent Killing of C. albicans in Whole Blood</i>		

<b>Ms Madalyn Marsengill</b>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b> 169 HM
Grade: 10    Project Type: Individual		
<i>Project Title:    The Use of Essential Oils on Fruit Preservation</i>		

<b>Ms Megan Peng</b>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b> 031 1ST
Grade: 10    Project Type: Individual		
<i>Project Title:    The Use of Essential Oils to Decrease Produce-Based Pathogens</i>		

<b>Mr Arman Serpen</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
Grade: 11    Project Type: Individual		
<i>Project Title:    KIAA1026 is Upregulated in Three Neurodegenerative Diseases</i>		

### Terrace Park ES, Terrace Park

<b>Mr Ryan Herzig</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
Grade: 6    Project Type: Individual		
<i>Project Title:    Do Soil Microorganisms Affect The Germination and Growth of Soybeans?</i>		

<b>Ms Lillian Sharp</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
Grade: 6    Project Type: Individual		
<i>Project Title:    A Pump for all Balls</i>		

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### The University School, Chagrin Falls

<b>Mr Uzo Ahn</b>	<b>OAS AWARD</b>	<b>Harold C. Shaw Outstanding School Award</b>
Grade: 11	Superior	Sponsored Awards -if any
Project Type: Individual		
Project Title: <i>COMPARATIVE GENOMIC AND STRUCTURAL ANALYSIS OF HOMOLOGOUS SFP CODING GENES IN CLOSELY RELATED SPECIES OF DROSOPHILA</i>		

<b>Mr Maheep Brar</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10	Superior	
Project Type: Individual		
Project Title: <i>A Robotic Platform to Monitor the Indoor Environment</i>		

<b>Mr Michael Castellanos</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10	Superior	
Project Type: Individual		
Project Title: <i>Comparing the Yield and Cytotoxicity of NK Cells Expanded With Different Feeder Cells</i>		

<b>Mr Tyler Fertel</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10	Excellent	
Project Type: Individual		
Project Title: <i>How does the integrity of a football helmet change after reconditioning?</i>		

<b>Mr Graden Snyder</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10	Superior	
Project Type: Individual		
Project Title: <i>Testing the Efficacy of Phosphorus-Sorbing Materials</i>		

### The University School, Shaker Hts

<b>Mr Ashwin Veeramani</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 11	Excellent	
Project Type: Individual		
Project Title: <i>THE ROLE OF HAIR BUNDLE PROTEIN 7(HBP7) IN THE AUDITORY HAIR CELL OF ZEBRAFISH IN MEDIATING HEARING FUNCTION</i>		

### Thomas Worthington HS, Worthington

<b>Ms Althea E Chan</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10	Excellent	072 1ST
Project Type: Individual		
Project Title: <i>Water Quality Determination Using Total Coliform Bacteria</i>		

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### Thomas Worthington HS, Worthington

<b>Mr Sounak Dey</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10	Superior	
Project Type: Individual		
Project Title: <i>The Effects of Temperature and Time on Bacterial Transformation by Heat Shocking</i>		

<b>Mr Deependu Gupta</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9	Superior	182 2ND
Project Type: Individual		
Project Title: <i>Effects of X-Ray Radiation on Crops</i>		

<b>Ms Anna I Kravtsova</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10	Superior	148 2ND
Project Type: Individual		
Project Title: <i>Teas Effects on Life</i>		

<b>Mr Cole Tucker</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 11	Superior	059 1st 232 3RD 221 1ST
Project Type: Individual		
Project Title: <i>Mars Habitation Constructor</i>		

<b>Mr Zubin Jha</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9	Superior	
Project Type: Team		
Project Title: <i>Banana Ripening: What Works Best?</i>		

<b>Ms Emma Kociba</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9	Excellent	
Project Type: Team		
Project Title: <i>The Study of Teddy Bear Hamster Senses</i>		

<b>Ms Winnie McKahan</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9	Excellent	
Project Type: Team		
Project Title: <i>The Study of Teddy Bear Hamster Senses</i>		

<b>Ms Kathryn Mierzejewski</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9	Excellent	
Project Type: Team		
Project Title: <i>The Study of Teddy Bear Hamster Senses</i>		



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### Thomas Worthington HS, Worthington

<b>Mr Dean Orloff</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9	Superior	
Project Type: Team		
Project Title: <i>Banana Ripening: What Works Best?</i>		

### Thurgood Marshall HS, Dayton

<b>Mr Kierre Dewberry</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10	Excellent	
Project Type: Individual		
Project Title: <i>Isolation of Elastase Inhibitors Extracted from Squash Seeds and Pinto Beans</i>		

### Tinora HS, Defiance

<b>Mr Christopher Ferguson</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9	Superior	
Project Type: Team		
Project Title: <i>Experimental vs. Theoretical Probability Using The Game Risk</i>		

<b>Mr Elliot Wannemacher</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9	Superior	
Project Type: Team		
Project Title: <i>Experimental vs. Theoretical Probability Using The Game Risk</i>		

### Tippecanoe HS, Tipp City

<b>Ms Victoria Jacobs</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10	Excellent	086 1ST
Project Type: Individual		
Project Title: <i>Pollution in the Great Miami River</i>		

<b>Ms Leena D Vyas</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10	Superior	023 1ST 059 2ND 192 SCH 218 1ST
Project Type: Individual		
Project Title: <i>Winds of Change: Engineering a Wind Powered Cell Phone Charger (3 year Project)</i>		

### Tippecanoe MS, Tipp City

<b>Ms Madison Moran</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6	Excellent	
Project Type: Individual		
Project Title: <i>Are Fingerprint Patterns Inherited?</i>		

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### Tippecanoe MS, Tipp City

<b>Mr Gavin Ford</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Team	Superior	
<i>Project Title: Just Weight For It</i>		

<b>Mr Brandon T Hood</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Team	Superior	133 1ST
<i>Project Title: Just Weight For It</i>		

### Toledo Early College Academy HS, Toledo

<b>Ms Zaneh K Adya</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 11    Project Type: Team	Superior	
<i>Project Title: The effect of phosphorus concentration in geese feces on the environment</i>		

<b>Ms Israa A Hamdan</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 11    Project Type: Team	Superior	
<i>Project Title: The effect of phosphorus concentration in geese feces on the environment</i>		

### Toledo Islamic Academy, Sylvania

<b>Ms Nora Hasan</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6    Project Type: Individual	Superior	072 HM
<i>Project Title: Which Water is the Hardest?</i>		

<b>Ms Umayna Magsi</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6    Project Type: Individual	Excellent	
<i>Project Title: Does Sugar Affect the pH of Saliva?</i>		

<b>Mr Adnan Malood</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9    Project Type: Individual	Superior	
<i>Project Title: Are Essential Oils More Effective Than Antibiotics at Inhibiting Bacterial Growth?</i>		

<b>Mr Aamir Mohammed</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6    Project Type: Individual	Excellent	
<i>Project Title: Electrical Conductivity of Solutions</i>		

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### Tower Heights MS, Centerville

<b>Ms Addison Colclasure</b> Grade: 8    Project Type: Individual <i>Project Title: Puzzles Under Pressure</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Mr Matthew Crump</b> Grade: 8    Project Type: Individual <i>Project Title: Speedy Senses</i>	<b>OAS AWARD</b> No Show	<b>Sponsored Awards -if any</b>
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<b>Ms Megan Patel</b> Grade: 8    Project Type: Individual <i>Project Title: Can Stealth be answer to health?</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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### Trinity Lutheran, Toledo

<b>Mr Mark Semro</b> Grade: 5    Project Type: Individual <i>Project Title: May the Frictional Force be with you</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b> 067 2ND
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<b>Ms Nicole F Semro</b> Grade: 8    Project Type: Individual <i>Project Title: Drinking Water Quality Analysis</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Mr Grant Warner</b> Grade: 8    Project Type: Individual <i>Project Title: Know Dairy, Know Yogurt; No Dairy, Maybe Yogurt</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Ms Abigail Landskroener</b> Grade: 8    Project Type: Team <i>Project Title: The Yeast Effect</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Mr Noah Landskroener</b> Grade: 6    Project Type: Team <i>Project Title: The Yeast Effect</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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### Trotwood-Madison HS, Trotwood

<b>Ms Shelby Langston</b>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
Grade: 11	Project Type: Individual	
Project Title:	<i>The Effects of Expectation on Experience</i>	

### Troy HS, Troy

<b>Ms Blake Whitford</b>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
Grade: 10	Project Type: Individual	
Project Title:	<i>Milk Microbial Growth</i>	

<b>Ms Taylor Dankworth</b>	<b>OAS AWARD</b> Good	<b>Sponsored Awards -if any</b>
Grade: 10	Project Type: Team	
Project Title:	<i>Corresponding Colors with Flavors</i>	

<b>Ms Mackenzie Morgan</b>	<b>OAS AWARD</b> Good	<b>Sponsored Awards -if any</b>
Grade: 10	Project Type: Team	
Project Title:	<i>Corresponding Colors with Flavors</i>	

### Turpin HS, Cincinnati

<b>Ms Allison Kapostasy</b>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
Grade: 11	Project Type: Individual	
Project Title:	<i>Effects of pH Contamination Prior to Planting on Soybean Germination and Growth</i>	

<b>Ms Erica Langan</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
Grade: 11	Project Type: Individual	
Project Title:	<i>Effects of Calcium Carbonate and Potassium Carbonate Buffers on Reducing the Impact of Simulated Acid Rain on "Glycine max"</i>	

<b>Ms Kaylie Williams</b>	<b>OAS AWARD</b> No Show	<b>Sponsored Awards -if any</b>
Grade: 9	Project Type: Individual	
Project Title:	<i>Effect of pH on Apple Preservation</i>	

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### Turpin HS, Cincinnati

<b>Ms Sophia Antunes</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 12    Project Type: Team	No Show	
<i>Project Title: The Effect of Farming Method on the Rate of Carbohydrate Catabolism in Gala Apples</i>		

<b>Mr Lucas Bailey</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 12    Project Type: Team	Superior	
<i>Project Title: Potassium Clearance and Acute Kidney Failure</i>		

<b>Ms Madeleine Bonfils</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9    Project Type: Team	Excellent	
<i>Project Title: The Effect of Nanosilver on Daphnia Magna</i>		

<b>Ms Elizabeth Chamberlin</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9    Project Type: Team	Excellent	
<i>Project Title: The Effect of Nanosilver on Daphnia Magna</i>		

<b>Ms Grace K Hamilton</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 12    Project Type: Team	Superior	
<i>Project Title: Potassium Clearance and Acute Kidney Failure</i>		

<b>Ms Olivia Puntteney</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9    Project Type: Team	Superior	
<i>Project Title: The Effect of Age on Memory Based on Mnemonics</i>		

<b>Ms Raina Rindani</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 11    Project Type: Team	No Show	
<i>Project Title: The Effect of Farming Method on the Rate of Carbohydrate Catabolism in Gala Apples</i>		

<b>Ms Serra Tuzun</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9    Project Type: Team	Superior	
<i>Project Title: The Effect of Age on Memory Based on Mnemonics</i>		

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### Tuscarawas Valley HS, Zoarville

<b>Mr Nathaniel T Ackerman</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b> 011 SCH 067 2nd
Grade: 12	Project Type: Individual	
Project Title:	<i>The Application of the Meissner Effect in Respect to Superconductivity</i>	

<b>Mr Gavin Perkowski</b>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
Grade: 9	Project Type: Individual	
Project Title:	<i>The effects of Temperature on Electromagnets</i>	

<b>Ms Nicole Scott</b>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
Grade: 11	Project Type: Individual	
Project Title:	<i>Generic vs. Name Brand: Which Liquid Antacid is Most Effective?</i>	

### Unioto ES, Chillicothe

<b>Mr Keegan Fisk</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
Grade: 5	Project Type: Individual	
Project Title:	<i>How does light bulb type affect energy usage?</i>	

<b>Mr Mason Thornsberry</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
Grade: 5	Project Type: Individual	
Project Title:	<i>Does mass affect the battery life of a drone?</i>	

### Upper Arlington HS, Upper Arlington

<b>Ms Miqui Cai</b>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
Grade: 11	Project Type: Individual	
Project Title:	<i>Analysis between perceptions of rhyming and non-rhyming social slogans</i>	

<b>Mr Brian Cao</b>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
Grade: 10	Project Type: Individual	
Project Title:	<i>Identifying the ideal soluble factor and extracellular matrix protein for differentiating stem cells into liver cells</i>	

<b>Mr Theodore Dimitrov</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b> 235 1ST
Grade: 11	Project Type: Individual	
Project Title:	<i>The Impact of Weight on Sevoflurane Induced Glutamate Dysregulation</i>	

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### Upper Arlington HS, Upper Arlington

<b>Ms Penelope Hartley</b>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b> 086 2ND
Grade: 9	Project Type: Individual	
Project Title:	<i>Creating an Affordable and Accessible Lead Filter</i>	

<b>Mr Drew Wolf</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
Grade: 12	Project Type: Individual	
Project Title:	<i>Comparing the effectiveness of soy honey from <i>Apis mellifera</i> to antibiotics Kanamycin, Ampicillin and Chloramphenicol against <i>Escherichia coli</i> DH5-Alpha</i>	

<b>Ms Minjue Wu</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b> 145 3RD
Grade: 11	Project Type: Individual	
Project Title:	<i>CRISPR/Cas9 Modification of Cancer Gene Expression in Human Cells</i>	

<b>Mr JT Yan</b>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
Grade: 10	Project Type: Individual	
Project Title:	<i>Effects of rates of clathrin-mediated endocytosis after membrane tension manipulation</i>	

<b>Mr Jesse B Zhu</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b> 058 2ND 106 2ND
Grade: 12	Project Type: Individual	
Project Title:	<i>The analysis and dependability of weld stress models</i>	

<b>Ms Sienna Basso-Schricker</b>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
Grade: 7	Project Type: Team	
Project Title:	<i>Gender biases towards intelligence, competence, and educational ability in middle school students</i>	

<b>Ms Anna Schuler</b>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
Grade: 7	Project Type: Team	
Project Title:	<i>Gender biases towards intelligence, competence, and educational ability in middle school students</i>	

### Upper Sandusky HS, Upper Sandusky

<b>Mr Kush Hari</b>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
Grade: 10	Project Type: Team	
Project Title:	<i>The Development of an Anti-Phishing Chrome Extension</i>	

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### Upper Sandusky HS, Upper Sandusky

<b>Mr Mark Malkin</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 11	Excellent	
Project Type: Team		
Project Title: <i>The Development of an Anti-Phishing Chrome Extension</i>		

### Urbana HS, Urbana

<b>Mr Gavin Spence</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9	Excellent	
Project Type: Individual		
Project Title: <i>Is Dog Saliva The Next Antibiotic?</i>		

### Valley MS, Lucasville

<b>Ms Emma Gahm</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Superior	
Project Type: Individual		
Project Title: <i>Bye bye Zits</i>		

### Valley View HS, Germantown

<b>Mr Cameron Phillips</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9	Superior	
Project Type: Individual		
Project Title: <i>Coconut Oil vs. Bacteria</i>		

### Valley View Jr HS, Farmersville

<b>Mr Nicholas Handy</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Excellent	
Project Type: Individual		
Project Title: <i>Algorithms: Organizing Chaos</i>		

### Versailles HS, Versailles

<b>Mr Alec Barga</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10	Superior	
Project Type: Individual		
Project Title: <i>The Effect of Hair Color on Autonomous Sensory Meridian Responses</i>		

<b>Mr Ben Davis</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10	Superior	232 1ST
Project Type: Individual		
Project Title: <i>HHO Torch</i>		



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### Versailles HS, Versailles

<b>Ms Morgan Heitkamp</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10	Excellent	
Project Type: Individual		
Project Title: <i>Bowling Ball Cores, Drilling Layouts, and Finishes</i>		

<b>Mr James E McClure</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 12	Excellent	
Project Type: Individual		
Project Title: <i>The Effects of Salt on the Growth and Nitrogen Fixation of Diazotrophs</i>		

### Village Academy, Powell

<b>Ms Tala Hachwa</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Superior	
Project Type: Individual		
Project Title: <i>Do Press-on Nails Harbor More Bacteria Than Bare Nails</i>		

<b>Mr Jack Kalnicki</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Excellent	
Project Type: Individual		
Project Title: <i>Is There a Mathematical Way to Show Black Absorbs More Heat Than Lighter Colors</i>		

<b>Mr Raaghav Malik</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Superior	
Project Type: Individual		
Project Title: <i>The Effect of Magnetic Fields on the Growth of Radishes</i>		

<b>Ms Olivia Pricher</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Excellent	
Project Type: Individual		
Project Title: <i>What Water Temperature Germinates Plants the Fastest?</i>		

<b>Mr Simon Zimmerman</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7	Superior	
Project Type: Individual		
Project Title: <i>Which Orange Juice Has the Most Vitamin C?</i>		

### Waite HS, Toledo

<b>Ms Noor Alexandria Abukaram</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8	Excellent	
Project Type: Individual		
Project Title: <i>Restrictions on Protectoin Bracing</i>		

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### Waite HS, Toledo

<b>Ms SyneneMaria Abukaram</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
Grade: 9    Project Type: Individual		
<i>Project Title: Which Material in a Shin Guard Reduces Bacterial Infection?</i>		

<b>Mr Khalid Hamdan</b>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual		
<i>Project Title: Everyday Apps vs Processor</i>		

<b>Ms Rayanne Mustapha</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b> 080 HM 087
Grade: 7    Project Type: Individual		
<i>Project Title: The Effect of UV light on Algal Blooms.</i>		

<b>Ms Sundus Mustapha</b>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
Grade: 9    Project Type: Individual		
<i>Project Title: The Effect of REM Disturbance on Reaction Time</i>		

### Walls ES, Kent

<b>Mr Adam Khan</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
Grade: 5    Project Type: Individual		
<i>Project Title: The Interaction of Light and Liquid Crystals</i>		

### Walnut Hills HS, Cincinnati

### Harold C. Shaw Outstanding School Award

<b>Ms Charlotte Adams</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual		
<i>Project Title: Reflected Ultraviolet Radiation Exposure in Athletes</i>		

<b>Ms Gabrielle Burns</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b> 090 1ST
Grade: 8    Project Type: Individual		
<i>Project Title: Feeding the World: Salt Water Farming</i>		

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### Walnut Hills HS, Cincinnati

### Harold C. Shaw Outstanding School Award

<b>Ms Aliza Campbell</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Superior	
<i>Project Title: Which Shape of Skyscraper Can Withstand the Most Wind</i>		

<b>Ms Lillian Jones</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Superior	
<i>Project Title: Biofuels and their effects on an Oil Lantern</i>		

<b>Mr Phillip Kogan</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Superior	033 2ND
<i>Project Title: The Effect of Microwave Oven Radiation on Yeast Cell Growth</i>		

<b>Mr Luka Medvedovic</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Excellent	
<i>Project Title: Analyzing Internet Speed at Different Times of Day</i>		

<b>Mr Ajai Nelson</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Superior	055 2ND
<i>Project Title: Machine Learning: Discriminating Human- Versus Computer-Generated Random Numbers</i>		

<b>Ms Kayla Reidy</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Excellent	
<i>Project Title: Peanut Residue?</i>		

<b>Ms Annie Xia</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Superior	
<i>Project Title: The Efficiency of Antibacterial Hand Soap versus that of Non-Antibacterial Hand Soap</i>		

<b>Mr Andrew Ying</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	Superior	134 3RD
<i>Project Title: The Effects of Voltage and Salt on Electrolysis</i>		

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### Walnut Springs MS, Westerville

<b>Ms Kayla Arens</b> Grade: 7    Project Type: Individual <i>Project Title: Measuring Surface Tension</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b> 067 1ST
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<b>Mr Paul Loeser</b> Grade: 7    Project Type: Individual <i>Project Title: Impacts on Impactors</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Ms Hannah Rex</b> Grade: 6    Project Type: Individual <i>Project Title: The Paper Puzzle</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Mr Matthew Schirtzinger</b> Grade: 7    Project Type: Individual <i>Project Title: You Chews</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Mr Philip Simms</b> Grade: 7    Project Type: Individual <i>Project Title: Flour Power</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Ms Anna K Whiting</b> Grade: 7    Project Type: Individual <i>Project Title: Birth Order and Personality Type</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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### Warsaw ES, Warsaw

<b>Ms Grace Cullison</b> Grade: 6    Project Type: Individual <i>Project Title: My Gelatin is AfFIRMative</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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<b>Mr Owen Emig</b> Grade: 6    Project Type: Individual <i>Project Title: Grip It and Rip It: Go Long or Go Home</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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### Warsaw ES, Warsaw

<b>Mr Preston Fortune</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6    Project Type: Individual	Superior	
<i>Project Title: Electrified Waste</i>		

<b>Ms Chloeey Geog</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 5    Project Type: Individual	Superior	
<i>Project Title: Sculpted Milk: Turning Milk into Plastic</i>		

<b>Mr Gavin Kesterson</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6    Project Type: Individual	Excellent	
<i>Project Title: Hover Like an Eagle: How Hovercrafts Hover</i>		

<b>Mr Arik Lumbatis</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6    Project Type: Individual	Superior	
<i>Project Title: You're Killing Me Copper</i>		

<b>Ms Adison Smith</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6    Project Type: Individual	Excellent	
<i>Project Title: Soybean Growth</i>		

<b>Mr Michael Vickers</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6    Project Type: Individual	Superior	070 3rd
<i>Project Title: Who Knows Humidity Best: A Study of Animal Hygrometers</i>		

<b>Mr Ayden Wheeler</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6    Project Type: Individual	Superior	
<i>Project Title: Sugar Science: Which Concentration of Sugar Produces the Most Alcohol?</i>		

<b>Mr Thomas Williams</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6    Project Type: Individual	Good	
<i>Project Title: You Nailed It!</i>		

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### Warsaw ES, Warsaw

<b>Ms Aliah Williamson</b> Grade: 5    Project Type: Individual <i>Project Title: Salt vs. Sugar</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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### Weisenborn MS, Huber Hts

<b>Ms Sarai Combs</b> Grade: 8    Project Type: Individual <i>Project Title: Thermochromatic Liquid Crystals</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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<b>Ms Kaylah Vorhees</b> Grade: 8    Project Type: Individual <i>Project Title: The Domino Effect</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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### West ES, Athens

<b>Ms Emma Beasley</b> Grade: 6    Project Type: Individual <i>Project Title: Firewood heat comparison</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Mr Luca Gagliano</b> Grade: 6    Project Type: Individual <i>Project Title: Spun dizzy and walked straight</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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### West Geauga HS, Chesterland

<b>Ms Lindsey Kulp</b> Grade: 10    Project Type: Individual <i>Project Title: The Effects of Chemical De-Icing Agents on the Germination Mechanisms of Rudbeckia hirta</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b> 019 SCH
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<b>Mr Antonio Linek</b> Grade: 10    Project Type: Individual <i>Project Title: Solid vs. Hybrid</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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### West Geauga HS, Chesterland

	OAS AWARD	Sponsored Awards -if any
<b>Mr Austin Maguire</b>	No Show	
Grade: 12		
Project Type: Individual		
Project Title: <i>Access Denied</i>		

	OAS AWARD	Sponsored Awards -if any
<b>Mr Bryan Rego</b>	Superior	019 SCH 030 1st 080 1ST
Grade: 10		
Project Type: Individual		
Project Title: <i>Ingestion of microplastic debris by perca flavescens (yellow perch) in Lake Erie: is this a problem?</i>		

### West Geauga MS, Chesterland

	OAS AWARD	Sponsored Awards -if any
<b>Ms Rae Ehrbar</b>	Superior	
Grade: 7		
Project Type: Individual		
Project Title: <i>Windmill Wonders: Which Blade Design Will Provide The Most Power?</i>		

	OAS AWARD	Sponsored Awards -if any
<b>Ms Paige Weir</b>	Excellent	
Grade: 6		
Project Type: Individual		
Project Title: <i>Cancer Research</i>		

### West Holmes MS, Millersburg

	OAS AWARD	Sponsored Awards -if any
<b>Ms Aubree Ann A Houin</b>	No Show	
Grade: 8		
Project Type: Individual		
Project Title: <i>Less is More: Examining the Effect of Reduced Planting Rates on Ohio Soybean Yields and Profitability</i>		

	OAS AWARD	Sponsored Awards -if any
<b>Mr Garrett Houin</b>	No Show	
Grade: 6		
Project Type: Individual		
Project Title: <i>Gone with the Rain: The Relationship Between Field Management Techniques, Erosion, &amp; Water Retention</i>		

### West Union ES, W Union

	OAS AWARD	Sponsored Awards -if any
<b>Mr Brandt Seaman</b>	Superior	
Grade: 5		
Project Type: Individual		
Project Title: <i>Paper Towel Comparisons: Which Brand is the Best?</i>		

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### West Union HS, West Union

<b>Mr Jamison McClanahan</b> Grade: 12    Project Type: Team <i>Project Title: The Effects of Torsion</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Mr Tyler Swearingen</b> Grade: 12    Project Type: Team <i>Project Title: The Effects of Torsion</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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### Wheelersburg HS, Wheelersburg

<b>Mr Rohit K Kataria</b> Grade: 9    Project Type: Individual <i>Project Title: Overuse of Proton Pump Inhibitors</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b> 148 2ND
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### Wheelersburg MS, Wheelersburg

<b>Mr Andrew Brown</b> Grade: 5    Project Type: Individual <i>Project Title: How do nutritional supplements impact conception rates in cattle?</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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<b>Ms Haleigh Collier</b> Grade: 5    Project Type: Individual <i>Project Title: A Toothy Eggsperiment</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Ms Serena Kataria</b> Grade: 7    Project Type: Individual <i>Project Title: Self-Esteem: Shortage or Surplus</i>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
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<b>Mr Dev Patel</b> Grade: 7    Project Type: Individual <i>Project Title: What is the Effect of Smoking?</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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### William Mason HS, Mason

<b>Mr Siddharth D Barve</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
Grade: 11	Project Type: Individual	
Project Title:	<i>Optimizing Photovoltaic Generation</i>	

<b>Mr Saagar Chokshi</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
Grade: 11	Project Type: Individual	
Project Title:	<i>Growth Paths of Biological Polymers</i>	

<b>Ms Shreya Dey</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
Grade: 12	Project Type: Individual	
Project Title:	<i>Do Relationships Matter? Comparing the Interdependence of Vascular and Biliary Systems During Liver Regeneration</i>	

<b>Mr Kabir Doshi</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b>
Grade: 9	Project Type: Individual	
Project Title:	<i>Microbial Fuel Cell Efficiency</i>	

<b>Mr Juan Carlos Gaudiano</b>	<b>OAS AWARD</b> No Show	<b>Sponsored Awards -if any</b>
Grade: 10	Project Type: Individual	
Project Title:	<i>Novel use of mTOR inhibitors to alleviate chemotherapy induced neurotoxicity</i>	

<b>Ms Maanasa Mendu</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b> 080 1ST 232 1ST
Grade: 9	Project Type: Individual	
Project Title:	<i>Developing a Novel Aero-elastic Flutter based Energy Harvester (AERO)</i>	

<b>Ms Kaaviya Muruganatham</b>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
Grade: 9	Project Type: Individual	
Project Title:	<i>The Birthday Paradox</i>	

<b>Mr Atneya S Nair</b>	<b>OAS AWARD</b> Superior	<b>Sponsored Awards -if any</b> 238 1ST
Grade: 11	Project Type: Individual	
Project Title:	<i>Developing a machine learning model to prognose breast cancer utilizing sequencing data</i>	

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### William Mason HS, Mason

	OAS AWARD	Sponsored Awards -if any
<b>Mr Vineet Sai Prasad</b>	Superior	190 2ND
Grade: 12    Project Type: Individual		
Project Title: <i>Phenylthiocarbamide (PTC) as a genetic marker for high body mass index and smoking behaviors.</i>		

	OAS AWARD	Sponsored Awards -if any
<b>Mr Akul Rajan</b>	Superior	080 1ST    090 1st
Grade: 11    Project Type: Individual		
Project Title: <i>An Organic Method of Remediation: Biochar as an amendment for different types of depleted soils</i>		

	OAS AWARD	Sponsored Awards -if any
<b>Mr Anant Ramji</b>	Superior	
Grade: 9    Project Type: Individual		
Project Title: <i>Testing for allergens in foods</i>		

	OAS AWARD	Sponsored Awards -if any
<b>Ms Sanjana Are</b>	No Show	
Grade: 11    Project Type: Team		
Project Title: <i>Polarized Planting: The Future</i>		

	OAS AWARD	Sponsored Awards -if any
<b>Ms Megha Battina</b>	No Show	
Grade: 11    Project Type: Team		
Project Title: <i>Polarized Planting: The Future</i>		

	OAS AWARD	Sponsored Awards -if any
<b>Mr Prathamesh Chati</b>	No Show	
Grade: 11    Project Type: Team		
Project Title: <i>The Effect of Temperature on Reptilian Digestion</i>		

	OAS AWARD	Sponsored Awards -if any
<b>Ms Sonali Rakesh Doshi</b>	Superior	
Grade: 10    Project Type: Team		
Project Title: <i>The Fuel for the Future: Optimization of Hydrogen Gas through Electrolysis</i>		

	OAS AWARD	Sponsored Awards -if any
<b>Ms Jinal Karani</b>	Superior	
Grade: 9    Project Type: Team		
Project Title: <i>Battle of the Ages (Social Conformity between adults and teens)</i>		

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### William Mason HS, Mason

<b>Ms Shriya Penmetsa</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9    Project Type: Team	Superior	
<i>Project Title: Battle of the Ages (Social Conformity between adults and teens)</i>		

<b>Ms Karishma Ponshe</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10    Project Type: Team	Superior	
<i>Project Title: The Fuel for the Future: Optimization of Hydrogen Gas through Electrolysis</i>		

<b>Mr Rahul Ramesh</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 11    Project Type: Team	No Show	
<i>Project Title: The Effect of Temperature on Reptilian Digestion</i>		

### Williamsburg HS, Williamsburg

<b>Ms Willow Kenneda</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9    Project Type: Individual	Superior	080 3rd
<i>Project Title: Effect of Nanotechnology on Daphnia</i>		

### Wilson Hill ES, Worthington

<b>Mr Draven Burdock</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6    Project Type: Individual	Excellent	
<i>Project Title: Surface Tension Versus Sublimation? Why Do Small Pieces of Dry Ice Float?</i>		

<b>Mr Luke Featherstone</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6    Project Type: Individual	Excellent	
<i>Project Title: Liquids and Electricity: Always a Bad Mix?</i>		

<b>Ms Siena McAlister</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 5    Project Type: Individual	Excellent	
<i>Project Title: Conducting Electricity</i>		

<b>Mr Ross Poppy</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6    Project Type: Individual	Excellent	028 1ST
<i>Project Title: Your Memory Nose</i>		

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### Wilson Hill ES, Worthington

<b>Mr Drew Schwitzgebel</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6    Project Type: Individual	Excellent	
<i>Project Title: FEED US BREAKFAST</i>		

### Worthington ES, Chillicothe

<b>Ms Carly Lake</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 5    Project Type: Individual	Superior	070 HM   079 HM   239 SCH
<i>Project Title: The Effect of Water Depth on Tsunami Wave Velocity</i>		

### Worthington Kilbourne HS, Columbus

<b>Mr Christopher Codogni</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 12    Project Type: Individual	No Show	
<i>Project Title: Courtship Behavior of Triploid Zebrafish</i>		

<b>Mr Duncan Srsic</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 9    Project Type: Individual	Excellent	
<i>Project Title: EMPs and Faraday Cages</i>		

### Youngstown Christian, Youngstown

<b>Ms Emily Akers</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6    Project Type: Individual	Excellent	
<i>Project Title: Rusty Nails</i>		

<b>Mr Pendleton Evans</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 7    Project Type: Individual	Superior	
<i>Project Title: Which Sunscreen is most effective in blocking ultraviolet rays?</i>		

<b>Ms Sarah Hartwig</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 5    Project Type: Individual	Excellent	
<i>Project Title: Bacteria Growth in Yogurt</i>		

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### Youngstown Christian, Youngstown

<b>Ms Elsa Pfrenger</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 5    Project Type: Individual	Superior	
<i>Project Title: Conductive Saline Solutions</i>		

<b>Mr Jared Rodgers</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 6    Project Type: Individual	Excellent	
<i>Project Title: Which Fertilizer Makes the Best Cold Pack?</i>		

<b>Mr Devin Seamons</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 5    Project Type: Individual	Superior	
<i>Project Title: Gauss Rifle</i>		

<b>Ms MiKaela Tensley</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 8    Project Type: Individual	No Show	
<i>Project Title: Putting Stain Removers to the Test</i>		

### Zane Trace HS, Chillicothe

### Harold C. Shaw Outstanding School Award

<b>Mr Cody N Clark</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10    Project Type: Individual	Superior	019 SCH
<i>Project Title: Super Inoculated Soybeans</i>		

<b>Mr Lucas A Clark</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 11    Project Type: Individual	Superior	
<i>Project Title: Alternative Energy Collection and Storage Reservoir Using Supersaturated Solutions</i>		

<b>Ms Deloris R Corcoran</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 10    Project Type: Individual	Superior	169 2ND
<i>Project Title: Which Type of Heat Transfer is Best for Popping Popcorn?</i>		

<b>Ms Ann M Shelby</b>	<b>OAS AWARD</b>	<b>Sponsored Awards -if any</b>
Grade: 12    Project Type: Individual	Superior	
<i>Project Title: The Effect of Oil Coatings on the Preservation of Eggs</i>		

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### Zane Trace MS, Chillicothe

<b>Ms Alyssa Houser</b> Grade: 8    Project Type: Individual <i>Project Title: Pygmy Goat Ultrasonography</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b> 050 HM
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<b>Ms Macy Long</b> Grade: 6    Project Type: Individual <i>Project Title: Do Phones Keep You Up?</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Ms Annie Beth Scott</b> Grade: 5    Project Type: Individual <i>Project Title: Soil Erosion</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Mr Henry Zitzelberger</b> Grade: 6    Project Type: Individual <i>Project Title: Music and Plant Growth</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b> 079 HM
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<b>Mr Charley Clyne</b> Grade: 5    Project Type: Team <i>Project Title: Wheel Size and Distance</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Ms Madisen Fannin</b> Grade: 6    Project Type: Team <i>Project Title: Preserving Strawberries</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Ms Madison McDonald</b> Grade: 6    Project Type: Team <i>Project Title: Preserving Strawberries</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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<b>Mr Wyatt Vick</b> Grade: 5    Project Type: Team <i>Project Title: Wheel Size and Distance</i>	<b>OAS AWARD</b> Excellent	<b>Sponsored Awards -if any</b>
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