



IQWST

INVESTIGATING AND QUESTIONING
OUR WORLD THROUGH SCIENCE
AND TECHNOLOGY

WHY IQWST IS THE RIGHT CHOICE FOR YOUR MIDDLE SCHOOL

"IQWST is based upon the development of student understanding through student-focused activities, reading and writing articles, and spirited claim, evidence, reasoning, discussions. I have not come across a text series in 25 years of education that approaches science education in this manner."

— Brian Klaff, Science Teacher, Indian Prairie School District #204, IL

Project-Based, 3-Dimensional Learning

- Research-based and supported by National Science Foundation (NSF)
- Aligns with Next Generation Science Standards (NGSS)
- Literacy Focus: reading, writing, talking, and doing science
- Crosscutting concepts with scientific practices

Instructional Design with Teachers in Mind

- Teacher Edition: lesson plans, discussion questions, differentiation strategies, and background information
- Interactive Digital Edition
- Video Tutorials: background knowledge & activity set ups
- Embedded content and pedagogical support
- Interactive student notebook that integrates lab, reading, and writing activities

Professional Development

- Online teacher support and webinars
- Lesson modeling
- Educational Resource Specialists



4 Amogerone Crossway #7862, Greenwich, CT 06836
activatelearning.com | (646) 502-5231 | info@activatelearning.com



Rev. 2016.07.07



IQWST Middle School Curriculum

LEVEL 1	Physical Science	Intro to Chemistry	Life Science	Earth Science
	<p><i>Can I Believe My Eyes?</i></p> <p>Light, its role in sight and its interaction with matter</p>	<p><i>How Can I Smell Things From A Distance?</i></p> <p>Particle nature of matter</p>	<p><i>Where Have All the Creatures Gone?</i></p> <p>Organisms and ecosystems</p>	<p><i>How Does Water Shape Our World?</i></p> <p>Water and rock cycles</p>
LEVEL 2	Intro to Chemistry	Physical Science	Earth Science	Life Science
	<p><i>How Can I Make New Stuff from Old Stuff?</i></p> <p>Chemical reactions and conservation of matter</p>	<p><i>Why Do Some Things Stop While Others Keep Going?</i></p> <p>Transformation and conservation of energy</p>	<p><i>What Makes the Weather Change?</i></p> <p>Atmospheric processes in weather and climate</p>	<p><i>What is Going On Inside Me?</i></p> <p>Body systems and cellular processes</p>
LEVEL 3	Earth Science	Life Science	Physical Science	Intro to Chemistry
	<p><i>How is the Earth Changing?</i></p> <p>Geological processes</p>	<p><i>Why Do Organisms Look the Way they Do?</i></p> <p>Heredity and natural selection</p>	<p><i>How Will It Move?</i></p> <p>Force and motion</p>	<p><i>How Does Food Provide My Body with Energy?</i></p> <p>Chemical reactions in living things</p>

