



“Dedicate your children to God and point them in the way that they should go, and the values they’ve learned from you will be with them for life”.

Proverbs 22:6

## *Catalog of Classes* *2025-2026*

- Class descriptions might continue onto the next page.
- Classes in **RED** are not offered this year, but are planned to be offered in the future.

### **A Merry Making Adventure (Christmas Handicraft)**

Grade Level: Primary (Pre-K-K) | Duration: 2 Weeks

Teacher: Audrey Barber

Celebrate the joy of Christmas through this festive and hands-on class. Little artists will create joyful holiday crafts inspired by the sights, sounds, and traditions of the season. Each project will bring to life the spirit of Christmas through creativity and fun.

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### **Arthropods (Unit Study)**

Grade Level: Form 1A - Form 2 (3rd-6th) | Duration: 15 Weeks | Term 4

Teacher: Madalen Schillo

Curriculum Foundation: The Good & The Beautiful: Arthropods

Join us on a journey to discover the **incredible world of arthropods**—the **largest group** of animals on Earth! From the buzzing of bees to the crawling of ants, the spinning of spiders to the fluttering of butterflies, this 15-week unit study introduces elementary students to the **diverse and essential role** arthropods play in our ecosystems. Through hands-on projects, nature walks, and science experiments, students will gain a deep appreciation for insects, arachnids, and other arthropods.

Throughout this unit, we will explore the biology, life cycles, behavior, and habitats of these fascinating creatures. By the end, students will not only understand the importance of arthropods but also have the knowledge to identify and respect them in their own backyards!

Homework- minimal weekly work at home. Staying up with their student journal and 1 unit project.

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### **Automotive Elective:**

Grade Level: Form 3-4 (7th-9th) | Duration: 15 Weeks

Teacher: Brandon Jennings

This practical elective introduces students to the basics of automotive care and maintenance. Students will learn about vehicle systems, safety procedures, common tools, and how to perform simple tasks such as checking fluids, changing oil, and replacing tires. The course emphasizes hands-on learning, problem-solving, and

real-world applications of science and mechanics. Perfect for middle and high school students with no prior experience required.

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### **Birds (Unit Study)**

Grade Level: Form 1A - Form 2 (3rd-6th) | Duration: 15 Weeks | Term 3

Teacher: Madalen Schillo

Curriculum Foundation: The Good & The Beautiful: Birds

Soar into the skies and dive into the fascinating world of **birds**! In this 15-week unit study, students will explore the **amazing diversity** of bird life, from backyard songbirds to tropical parrots and chilly penguins. We'll examine how birds live, fly, hatch, sing, build nests, and adapt to environments around the globe.

With plenty of hands-on activities, crafts, outdoor observation, and science exploration, this course invites students to become young ornithologists—bird scientists! Each week focuses on a different aspect of bird biology or bird species, making learning fun and full of discovery.

Homework- minimal weekly work at home. Staying up with their student journal and 1 unit project.

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### **Botany (Unit Study)**

Grade Level: Form 1A - Form 2 (3rd-6th) | Duration: 15 Weeks | Term 2

Teacher: Madalen Schillo

Curriculum Foundation: The Good & The Beautiful: Botany

Discover the fascinating world of plants in this hands-on Botany unit study! Over 15 weeks, students will explore the life cycle of plants, the structure and function of seeds and flowers, plant classification, and much more.

With a blend of vocabulary study, interactive activities, and exciting experiments, students will develop a strong understanding of plant biology and the critical role plants play in our ecosystem. The course includes one unit quiz and a final project presentation, giving students the opportunity to apply their knowledge creatively. Perfect for budding botanists and nature enthusiasts alike!

Homework- Minimal weekly work at home. Staying up with their student journal and 1 unit project.

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## **Busy Book of God's Word and Discovering Jesus**

Grade Level: Primary (Pre-K-K) | Duration: 30 Weeks | Term 2

Teacher: Audrey Barber

- **Bible Adventures: A Hands-On Journey Through New Testament Scripture**

Step into an exciting, interactive Bible class designed especially for young learners! In *Bible Adventures*, children will explore the stories of the New Testament through a vibrant, hands-on busy book filled with colorful, movable elements that bring each tale to life. This engaging class nurtures curiosity and faith as kids learn through play, participate in joyful songs and activities, and join in age-appropriate discussions that deepen their understanding of God's Word. Perfect for little hearts eager to discover, this class makes Scripture fun, memorable, and meaningful. Come join the adventure!

- **Discovering Jesus: His Love, Power, and Kindness**

Introduce young hearts to the beautiful attributes of Jesus in this interactive preschool Bible class! Through engaging storytelling, songs, hands-on activities, and simple scripture memory, children will explore the many ways Jesus shows His love, compassion, wisdom, and strength. Each lesson will highlight a different attribute, helping preschoolers understand who Jesus is and how He cares for them. With playful discussions and creative learning tools, this class nurtures faith, builds foundational truths, and encourages little ones to know and love Jesus more. Come and discover the heart of our Savior!

### **Course Learning Outcomes:**

- **Develop Early Faith Foundations:** Recognize key Bible stories and characters, fostering an understanding of God's love and teachings.
- **Engage in Interactive Learning:** Explore biblical lessons through touchable, moveable elements, making Scripture come alive in a tangible way.
- **Commit Key Verses to Memory:** Learn and recite foundational Bible verses that reinforce the themes of love, faith, kindness, and God's promises.
- **Recognize the Attributes of Jesus:** Understand His love, compassion, wisdom, and strength through engaging lessons.
- **Build a Personal Relationship with Jesus:** Learn that Jesus cares for them deeply and is always present in their lives.

- **Develop a Heart for Worship: Participate in joyful singing and praise, fostering a love for worship from an early age.**
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### **Busy Book of God's Word and Exploring His Attributes**

Grade Level: Primary (Pre-K-K) | Duration: 30 Weeks | Term 1

Teacher: Audrey Barber

- **Bible Adventures: A Hands-On Journey Through Old Testament Scripture**

Join us for an engaging and interactive Primary Bible class where little hearts and minds explore God's Word through a delightful busy book of Bible stories! Designed to foster curiosity and connection, this class brings beloved biblical tales to life through colorful, touchable pages filled with moveable elements. As children interact with each story, they'll develop early faith foundations, experience the joy of learning through play, and participate in age-appropriate discussions, songs, and activities that reinforce the lessons. Perfect for young learners eager to explore and discover, this class makes the Bible accessible, exciting, and unforgettable! Let the adventure begin!

- **God's Great Big Heart: Exploring His Attributes**

Introduce young learners to the wonderful characteristics of God in this engaging preschool Bible class! Through interactive storytelling, songs, hands-on activities, and simple scripture memory, children will discover key attributes of God—His love, kindness, wisdom, and strength—helping them build a foundation of faith and understanding. Each session will highlight a different attribute through playful lessons designed to spark curiosity and joy. With age-appropriate discussions and creative learning tools, young learners will grow in their awareness of who God is and how His presence shapes our lives. Let's explore the heart of God together!

### **Course Learning Outcomes:**

- **Develop Early Faith Foundations:** Recognize key Bible stories and characters, fostering an understanding of God's love and teachings.
- **Engage in Interactive Learning:** Explore biblical lessons through touchable, moveable elements, making Scripture come alive in a tangible way.
- **Commit Key Verses to Memory :** Learn and recite foundational Bible verses that reinforce the themes of love, faith, kindness, and God's promises.
- **Recognize Key Attributes of God:** Understand God's love, kindness, wisdom, strength, and other characteristics through engaging lessons.
- **Develop a Heart for Worship:** Participate in joyful singing and praise, fostering a love for worship from an early age.

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### **Cooking & Baking Elective:**

Grade Level: Form 1B-Form 4 (1st-9th) | Duration: 15 Weeks

Teacher: Madalen Schillo & Tim Barber

This hands-on elective introduces students to the fundamentals of cooking and baking, focusing on practical kitchen skills, basic nutrition, meal planning, and food safety. Students will learn to follow recipes, measure ingredients accurately, use kitchen tools properly, and prepare a variety of simple dishes and baked goods. The course encourages creativity, responsibility, and confidence in the kitchen while integrating math, science, and life skills. Suitable for all students with no prior experience required.

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### **Geology (Unit Study)**

Grade Level: Form 1A - Form 2 (3rd-6th) | Duration: 15 Weeks | Term 4

Teacher: Madalen Schillo

Curriculum Foundation: The Good & The Beautiful: Geology

Have you ever wondered what's happening deep beneath the Earth's surface? Welcome to **Exploring the Earth: Geology for Young Scientists!** This 15-week unit study will take students on an adventure to discover the **rocky, fiery, and sparkling** world of **geology**. We'll uncover the secrets of volcanoes, crystals, gems, and minerals—exploring how the Earth is constantly changing and how we can find beauty and treasure right beneath our feet.

Through hands-on activities, experiments, and outdoor explorations, students will become junior geologists, discovering how rocks form, why volcanoes erupt, and where precious gems come from. Whether it's observing a rock formation or growing crystals, each week will bring new discoveries and spark an excitement for Earth science!

Homework- Minimal weekly work at home. Staying up with their student journal and 1 unit project.

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### **Foodie Masterpieces**

Grade Level: Primary (Pre-K-K) | Duration: 4 Weeks

Teacher: Audrey Barber

Welcome to "Foodie Masterpieces," a delightful fusion of culinary arts and creative expression tailored for young artists! In this fun-filled art class, kids will embark on an exciting journey where food becomes their canvas, and imagination knows no bounds.

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### **Health and the Human Mind (Unit Study)**

Grade Level: Form 3 (7th-8th) | Duration: 15 Weeks | Term 1

Teacher: Madalen Schillo

Curriculum Foundation: The Good & The Beautiful: Health & The Human Mind

Explore the incredible power of the human mind in this in-depth Health and the Human Mind unit study! Over 15 weeks, students will investigate the nervous system, the brain and brainstem, and how our senses—vision, hearing, taste, and smell—connect to the mind. Topics include the human mind, memory, emotions, the eyes and vision, ears and hearing, the mouth and taste, the nose and smell, and more.

Students will engage in focused vocabulary study, hands-on activities, and interactive experiments to deepen their understanding of how the brain and body work together. The course includes one unit quiz and concludes with a final project presentation. Perfect for students interested in psychology, neuroscience, or health sciences!

Homework- 30-45 minutes per week of extra unit study/activity. 1 Unit Project.

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### **Health and the Physical Body (Unit Study)**

Grade Level: Form 3 (7th-8th) | Duration: 15 Weeks | Term 1

Teacher: Madalen Schillo

Curriculum Foundation: The Good & The Beautiful: Health & The Physical Body

Join us on a journey to discover the **incredible world of arthropods**—the **largest group** of animals on Earth! From the buzzing of bees to the crawling of ants, the spinning of spiders to the fluttering of butterflies, this 15-week unit study introduces elementary students to the **diverse and essential role** arthropods play in our ecosystems. Through hands-on projects, nature walks, and science experiments, students will gain a deep appreciation for insects, arachnids, and other arthropods.

Throughout this unit, we will explore the biology, life cycles, behavior, and habitats of these fascinating creatures. By the end, students will not only understand the importance of arthropods but also have the knowledge to identify and respect them in their own backyards!

Homework- 30-45 minutes per week of extra unit study/activity. 1 Unit Project.

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### **Latch Hook Elective:**

Grade Level: Form 1B-Form 4 (1st-9th) | Duration: 15 Weeks

Teacher: TBD

This hands-on elective introduces students to the relaxing craft of latch hooking. Students will learn how to read patterns, use a latch hook tool, and create textured designs using pre-cut yarn. Projects will include small rugs, wall hangings, or pillows, allowing students to develop fine motor skills, patience, and creativity. Perfect for middle and high school students, no prior experience needed.

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### **Literature Character Craze**

Grade Level: Primary (Pre-K-K) | Duration: 4 Weeks

Teacher: Audrey Barber

Welcome to "Literature Character Craze," where young readers and aspiring storytellers immerse themselves in the magical world of literature through the lens of their favorite characters! In this engaging and imaginative class, kids will explore iconic literary figures, create their own characters, and bring stories to life through creative activities. Perfect for book lovers and budding storytellers, "Literature Character Craze" offers a unique blend of Storytime, and artistic expression.

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### **Little Explorers in God's Big World**

Grade Level: Primary (Pre-K-K) | Duration: 4 Weeks

Teacher: Audrey Barber

Get ready to touch, gather, and create! In this hands-on, heart-centered class, young learners become joyful explorers of God's creation—collecting leaves, twigs, stones, seeds, and other natural treasures to turn into beautiful, meaningful art. Each week,



children will experience nature through curious eyes and creative hands, crafting everything from leaf animals to beautiful sun catchers, all while learning about the God who made it all. children will grow in their understanding of God's love, the beauty of stewardship, and their own ability to shape and reflect His world in creative ways.

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### **Little Word Builders: A Phonics Adventure**

Grade Level: Primary (Pre-K-K) | Duration: 30 Weeks | Term 1 & 2

Teacher: Audrey Barber

Curriculum Foundation: Handwriting Without Tears®

In this joyful journey through letters and sounds, young learners will explore phonics through purposeful play, engaging visuals, and hands-on activities designed to build early literacy confidence. Anchored in the research-based Handwriting Without Tears approach, the class introduces children to proper letter formation, sound-symbol connections, and phonemic awareness. Whether it's writing their first letter or sounding out their first word, children will be supported every step of the way with grace, excitement, and gentle guidance. Perfect for growing readers who love to wiggle, wonder, and worship through learning!

#### **Course Learning Outcomes:**

- Develop sound recognition and early decoding skills through multisensory activities
  - Strengthen fine motor coordination with tactile materials like chalkboards
  - Practice identifying uppercase and lowercase letters and pairing them with beginning sounds
  - Engage in rhythm, songs, and movement that reinforce phonics patterns and listening skills
  - Celebrate learning in a nurturing space where creativity and God's design for language come to life
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### **Mammals (Unit Study)**

Grade Level: Form 1A - Form 2 (3rd-6th) | Duration: 15 Weeks | Term 2

Teacher: Madalen Schillo

Curriculum Foundation: The Good & The Beautiful: Mammals

Take a closer look at the animal kingdom's most fascinating creatures in this engaging Mammals unit study! Over the course of 15 weeks, students will explore a wide variety of mammal groups including elephants, felines, canines, monotremes, marsupials, bats, rodents, bears, endangered animals, and more.

Students will expand their understanding through targeted vocabulary study, fun and educational activities, and hands-on experiments. The course includes one unit quiz and culminates in a final project presentation where students showcase what they've learned. This unit is perfect for animal lovers and curious learners ready to explore the diverse world of mammals!

Homework- Minimal weekly work at home. Staying up with their student journal and 1 unit project.

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### **Marine Biology (Unit Study)**

Grade Level: Form 1A - Form 2 (3rd-6th) | Duration: 15 Weeks | Term 1

Teacher: Madalen Schillo

Curriculum Foundation: The Good & The Beautiful: Marine Biology

Dive into the wonders of the ocean with this engaging Marine Biology unit study! Over 15 weeks, students will explore the diverse ecosystems of our planet's oceans, examining topics such as marine life, coral reefs, types of fish, sharks, marine mammals, and marine invertebrates. Through interactive vocabulary study, hands-on activities, and exciting experiments, students will gain a deeper understanding of the science behind the sea.

Assessment includes one unit quiz and a final project presentation that allows students to showcase what they've learned. This course is perfect for curious minds with a love for the ocean and its fascinating creatures.

Homework- Minimal weekly work at home. Staying up with their student journal and 1 unit project.

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### **Masterpieces in Motion: Painting Like the Greats**

Grade Level: Primary (Pre-K-K) | Duration: 4 Weeks

Teacher: Audrey Barber

Step into the world of color, creativity, and famous masterpieces! In this lively art class, little artists will explore the techniques of great painters throughout history—one

brushstroke at a time. From swirling like Van Gogh to capturing nature like Audubon, students will experiment with styles, textures, and movement to bring their own vibrant creations to life. Through hands-on activities, storytelling, and playful art-making, they'll develop fine motor skills, confidence, and a love for artistic expression.

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### **Math Explorers: Building Number Sense Through Play**

Grade Level: Primary (Pre-K-K) | Duration: 30 Weeks | Term 1

Teacher: Audrey Barber

Get ready for a joyful journey into early math! In *Math Explorers*, preschool and kindergarten learners will build a strong foundation in number sense through hands-on activities, playful exploration, and engaging games. Children will discover how to count, compare, and recognize numbers, while also learning to sort, group, and classify objects by color, shape, size, and more. With a focus on curiosity and creativity, this class encourages young minds to think critically, make connections, and develop confidence in their mathematical thinking. Perfect for little learners who love to explore, organize, and play with numbers!

#### **Course Learning Outcomes:**

- Demonstrate basic number sense by recognizing, counting, and representing numbers 1–10 (and beyond, as developmentally appropriate).
  - Compare quantities using terms such as more, less, equal, and identify which group has more or fewer items.
  - Sort and classify objects based on attributes such as color, shape, size, and type.
  - Recognize and create patterns using everyday materials and visual aids.
  - Use mathematical language to describe relationships and categories (e.g., “These are all circles,” or “This group is bigger.”).
  - Engage in hands-on activities that promote problem-solving, reasoning, and early math vocabulary.
  - Work cooperatively with peers during math games and group tasks, building social and cognitive skills.
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### **Mess Master's Art Lab**

Grade Level: Primary (Pre-K-K) | Duration: 4 Weeks

Teacher: Audrey Barber

Welcome to the ultimate creative adventure! Our "Mess Master's Art Lab" is a fun-filled, hands-on art class designed for kids who love to explore, experiment, and express themselves through art. In this workshop, young artists will dive into a world of vibrant colors, playful textures, and imaginative projects, all while embracing the joy of making a mess. This sensory-rich art lab is more than just fun—it's a space where children learn to express themselves freely, embrace experimentation, and celebrate the beauty of imperfection.

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### **Motion and Simple Machines (Unit Study)**

Grade Level: Form 3 (7th & 8th) | Duration: 15 Weeks | Term2

Teacher: Madalen Schillo

Curriculum Foundation: The Good & The Beautiful: Motion & Simple Machines

Get ready to explore the physics behind movement in this dynamic Motion and Simple Machines unit study! Over 15 weeks, students will study key concepts such as force and motion, Newton's three laws, speed and velocity, gravity, and the relationship between energy and motion. The course also covers the fundamentals of simple machines, including wedges, levers, inclined planes, wheels and axles, pulleys, screws, and more.

Through vocabulary study, hands-on activities, and exciting experiments, students will gain a deeper understanding of how things move and how simple machines make work easier. Assessment includes one unit quiz and a final project presentation. This unit is perfect for curious learners ready to discover the science behind everyday mechanics!

Homework- 30-45 minutes per week of extra unit study/activity. 1 Unit Project.

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### **Nature Moments: Science & Stillness in Creation**

Grade Level: Primary (Pre-K-K) | Duration: 30 Weeks | Term 1

Teacher: Audrey Barber

Curriculum Foundation: Slow Down: 50 Mindful Moments in Nature

In Nature Moments, children step gently into the wonders of the natural world—learning to observe, reflect, and celebrate the intricate beauty of God's creation.

Guided by the heartfelt moments from the Slow Down science book, this class invites young learners to slow their pace, open their senses, and encounter science through awe and mindfulness. Nature Moments nurtures both scientific understanding and soulful attentiveness. By learning to slow down and look closely, children begin to see that learning isn't just fast and busy—it's full of quiet miracles all around.

**Course Learning Outcomes:**

- Explore natural phenomena like pollination, dew drops, seed sprouting, and animal behaviors through short, visual-rich lessons
  - Use their senses and scientific thinking to observe everyday nature with intentional curiosity
  - Respond creatively to nature's wonders through art, journaling, and movement
  - Practice mindfulness through quiet moments, and nature walks
  - Reflect on how the intricacies of nature point to the character of God—His creativity, order, and care
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**Oil Pastels Elective:**

Grade Level: Form 1B-Form 4 (1st-9th) | Duration: 15 Weeks

Teacher: Tamarind Daniels

This introductory art elective explores the vibrant world of oil pastels, teaching students basic techniques such as blending, layering, shading, and color mixing. Through guided projects and creative exercises, students will learn to express themselves while building confidence in their artistic abilities. The course emphasizes observation, composition, and personal style, making it perfect for students with little to no prior art experience.

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**Our Great Big World: A Children's Geography Adventure**

Grade Level: Primary (Pre-K-K) | Duration: 30 Weeks | Term 1 & 2

Teacher: Audrey Barber

**Curriculum Foundation:** Our Great Big World

Embark on an exciting journey across continents, oceans, and cultures in this interactive geography course designed for young explorers. Using the engaging curriculum of Our Great Big World, children will discover the wonders of our planet through hands-on activities, stories, and creative projects. Our Great Big World is much more than a geography class, your student will also be learning history, literature, music, and art

from across the continents. This course will give the students a glimpse into the power and majesty of our God who created this big world and His beautiful plan for our part in it.

Term 1: We will be exploring Our Great Big World from top to bottom (Arctic & Antarctic), the Middle East, Oceania, Africa, and Asia throughout the 30 weeks. This course will also include some presentations throughout the year.

Term 2: We will be exploring Our Great Big World from top to bottom focusing on Europe, North America, Mexico, Central America, Caribbean, and South America throughout the 30 weeks. This course will also include some presentations throughout the year.

Course Learning Outcomes:

- Understanding Global Geography
  - Cultural Awareness & Appreciation
  - Map Reading and Navigation skills
  - Climate & Ecosystem Exploration
  - Global Citizenship & Stewardship
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## **Our 50 States: A Journey Through America's Landscape, History, and Culture**

Grade Level: Form 1B (1st-2nd) | Duration: 30 Weeks | Term 1 & 2

Teacher: Joelle Mobley

Curriculum Foundation: Our 50 States

Embark on an engaging exploration of the United States with Our 50 States, a dynamic curriculum designed to bring geography, history, and culture to life. This course invites students to discover the diverse landscapes, rich traditions, and historical milestones that shape each of the 50 states. Through interactive lessons, hands-on projects, and creative storytelling. Learners will travel coast to coast, uncovering fascinating facts, regional specialties, and key historical events that define the American experience.

Term 1: We will be exploring Our Great Big World through Our 50 states. Starting in New England and taking the students across the country through the Mid-Atlantic, South, Hawaii & the US Territories.

Term 2: We will be exploring Our Great Big World through Our 50 states. Starting in the Midwest, Rocky Mountain, Southwest, and Pacific regions.

Course Learning Outcomes:

- Recognize and locate all 50 states on a U.S. Map
- Describe simple Facts about state symbols, landmarks, and famous figures.

- Explore state cultures.
  - Participate in hands-on activities that introduce geography, history, and storytelling.
  - Express understanding of states through presentations
  - Appreciate how different states contribute to America's story.
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### **Quilting Elective:**

Grade Level: Form 1B-Form 4 (1st-9th) | Duration: 15 Weeks

Teacher: Tim Barber

This creative elective introduces students to the art of quilting, focusing on foundational sewing skills, fabric selection, pattern design, and basic stitching techniques. Students will learn how to follow simple quilt patterns and complete a small quilt project by the end of the course. The class encourages patience, precision, and artistic expression while integrating elements of math and design. Ideal students with no prior sewing experience.

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### **Reptiles, Amphibians and Fish (Unit Study)**

Grade Level: Form 1A - Form 2 (3rd-6th) | Duration: 15 Weeks | Term 3

Teacher: Madalen Schillo

Curriculum Foundation: The Good & The Beautiful: Marine Biology

Slither, hop, and swim into the **amazing world of cold-blooded creatures!** This 15-week unit study dives into the fascinating lives of **reptiles, amphibians, and fish**. Students will learn what makes each group unique, explore their life cycles, habitats, adaptations, and roles in the environment, and even meet some scaly or slimy classroom visitors (real or virtual).

From the desert-dwelling lizard to the rainforest tree frog, students will observe, compare, and appreciate how these creatures live, survive, and contribute to Earth's ecosystems. The course features hands-on projects, interactive notebooks, and plenty of science fun!

Homework- minimal weekly work at home. Staying up with their student journal and 1 unit project.

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### **Rhythmic Creations**

Grade Level: Primary (Pre-K-K) | Duration: 4 Weeks

Teacher: Audrey Barber

In this joyful and expressive class, preschoolers will explore the vibrant world of rhythm, music, and movement as powerful tools for creativity and connection. Through drumming, clapping, dancing, and crafting, children will discover how sound and motion can express thoughts, feelings, and even praises. From creating simple instruments to learning songs that celebrate God's love and the beauty of His creation, each session nurtures both imagination and heart. Rooted in a faith-filled atmosphere, Rhythmic Creations invites little ones to engage their senses while developing motor skills, listening awareness, and a sense of wonder. With every beat and brushstroke, children will experience the joy of making something beautiful—and meaningful—together.

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### **Shape Detectives: Exploring Geometry, Measurement & Early Math**

Grade Level: Primary (Pre-K-K) | Duration: 30 Weeks | Term 2

Teacher: Audrey Barber

In *Shape Detectives*, young learners will dive into the exciting world of early geometry and math through hands-on exploration and playful discovery. This engaging class introduces preschool and kindergarten students to shapes, spatial reasoning, measurement, and beginning operations like addition and subtraction. Through interactive games, creative building activities, and real-world comparisons, children will learn to identify and describe shapes, compare sizes and lengths, and begin to understand how numbers work together. With a focus on curiosity, collaboration, and confidence, this class lays the groundwork for a lifelong love of math.

#### **Course Learning Outcomes:**

- Identify and describe basic 2D and 3D shapes, including circles, squares, triangles, rectangles, cubes, and spheres.
- Recognize shapes in the environment and use positional words (e.g., above, below, beside) to describe their location.



- Compare and measure objects using non-standard units (e.g., blocks, hands) to explore length, height, weight, and capacity.
  - Sort and classify shapes and objects based on attributes such as size, shape, and color.
  - Explore beginning operations by using concrete objects to model simple addition and subtraction within 10.
  - Use math vocabulary to describe shapes, measurements, and number relationships.
  - Engage in collaborative problem-solving through math games, building challenges, and storytelling with numbers and shapes.
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### **Silly Scientists**

Grade Level: Primary (Pre-K-K) | Duration: 4 Weeks

Teacher: Audrey Barber

Welcome to "Silly Scientists," where curiosity and creativity collide in a world of wacky experiments and playful discoveries! In this exciting and hands-on science class, kids will become junior scientists, exploring the wonders of the natural world through fun and engaging activities. Perfect for young minds with a passion for experimentation and a love for learning, "Silly Scientists" offers a unique blend of education and entertainment.

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### **Story Seeds: Exploring Literature Through Tales & Truths**

Grade Level: Primary (Pre-K-K) | Duration: 30 Weeks | Term 1&2

Teacher: Audrey Barber

Genres: Short Stories · Fairy Tales · Biographies · Poetry · Fables · Nursery Rhymes

In StorySeeds, each tale is a tiny seed planted in the hearts of children—ready to grow into understanding, wonder, and wisdom. This class introduces children to the beauty of storytelling and the rhythms of language through a vibrant mix of storytelling genres, young learners will explore language, imagination, and values rooted in both literary tradition and everyday life. StorySeeds nurtures a foundation of literacy and humanity—where words become windows into character, community, and creation. From fairy godmothers to faithful heroes, this journey helps children read between the lines... and into the heart.

Course Learning Outcomes:

- Discover timeless fairy tales and fables that teach moral lessons and stretch imaginations
  - Discover true stories of inspiring people through age-appropriate biographies
  - Delight in the playful rhyme and rhythm of poetry and classic nursery rhymes
  - Reflect on spiritual truths woven through narratives that highlight God's love and purpose
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### **The Wonders of Energy (Unit Study)**

Grade Level: Form 3 (7th-8th) | Duration: 15 Weeks | Term 2

Teacher: Madalen Schillo

Curriculum Foundation: The Good & The Beautiful: The Wonders of Energy

The Wonders of Energy is an engaging, hands-on exploration of one of the most essential forces in our universe: energy. This 15-week unit introduces middle school students to the types, sources, transformations, and applications of energy in daily life and in the natural world. With a mix of experiments, projects, multimedia, and cross-curricular connections, students will investigate topics from renewable resources to potential and kinetic energy, while learning how energy powers everything—from atoms to cities.

This course promotes scientific inquiry, critical thinking, and environmental awareness. Students will also explore historical discoveries and the future of energy in a changing world.

Homework- 30-45 minutes per week of extra unit study/activity. 1 Unit Project.

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### **Transportation STEM Elective:**

Grade Level: Form 1B-Form 4 (1st-9th) | Duration: 15 Weeks

Teacher: Tim Barber

This engaging STEM elective introduces students to the science and engineering behind transportation. Through hands-on projects and simple experiments, students will explore how cars, planes, boats, and trains work, learning about motion, force, energy, and design. The class encourages critical thinking and problem-solving as students build

and test basic models while discovering real-world applications of STEM concepts. Designed for students with no prior experience.

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### **Weather and Water (Unit Study)**

Grade Level: Form 1A - Form 2 (3rd-6th) | Duration: 15 Weeks | Term 1

Teacher: Madalen Schillo

Curriculum Foundation: The Good & The Beautiful: Weather and Water

Explore the forces that shape our skies in this comprehensive Weather and Water unit study! Over 15 weeks, students will investigate key topics including weather, climate and seasons, the atmosphere, air and wind, the water cycle, severe weather events, rain, rainbows, and more.

Through targeted vocabulary study, engaging activities, and hands-on experiments, students will gain a solid understanding of the dynamic systems that influence Earth's weather and water patterns. Assessment includes one unit quiz and a final project presentation to demonstrate mastery of concepts. This course is ideal for students eager to uncover the science behind everyday weather phenomena and global climate systems.

Homework- Minimal weekly work at home. Staying up with their student journal and 1 unit project.

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### **Yearbook Elective:**

Grade Level: Form 3-Form 4 (7th-9th) | Duration: 15 Weeks

Teacher: TBD

This creative elective introduces students to the basics of yearbook design and production. Students will learn photography, writing captions, layout design, and basic photo editing while working collaboratively to create a memorable keepsake. The course builds skills in organization, communication, and storytelling, giving students hands-on experience in publishing. Ideal for middle and high school students—no prior experience needed.

