

# Course Descriptions: Elementary/Intermediate 2022-2023



## Pre-Kindergarten

### **Teacher: Alyssa Choplin**

Our Pre-Kindergarten classroom will provide an environment where your child can learn, play, and prepare for Kindergarten. Our day is organized around hands-on learning centers that explore language & literacy, math & science, art, dramatic play, sensory, and unstructured play.

**Math & Science-**We will work on matching, sorting, patterns, identifying numbers, counting, one-to-one correspondence, and shapes through manipulatives, games, and activities. We will also learn about the world around us through experiments and activities.

**Literacy/Language-** We will have letter-based themes where activities and books are tied to what we are learning. We will focus on letters, their sounds, and handwriting. We will work with lacing letters, magnetic letters, phonics games, puzzles, letter stamps, and other literacy manipulatives.

**Art-** We will do theme-based art projects along with process art where the children will have the freedom to explore art materials and create their masterpieces.

**Sensory-** We will play with playdough, rice, beans, shaving cream, beads, and kinetic sand.

**Dramatic/Unstructured Play-** The children will have a variety of toys to play with such as a train table with trains, blocks, legos, puzzles, dollhouse, play kitchen, foam blocks, vet kit with animals, castle, magnetic sticks, and lincoln logs to name a few.

Through centers, your child will gain social skills by learning to work with others, share, communicate, and listen. They will also strengthen their fine motor skills by using tweezers, tongs, scissors, sewing/lacing cards, stringing beads, unific cubes, coloring, and pegboards.

In addition to centers, your child will have carpet time. They will listen to bible stories, dance to music, watch educational videos based on current themes (i.e. life stages of a butterfly or a trip to outer space), participate in calendar time, complete a monthly magazine subscription, and so much more!

**Textbooks:** Abeka ABC Writing Tablet (Manuscript)

Abeka ABC-123: K4 Phonics and Numbers

Optional resources parents may purchase for home:

Abeka Mini Alphabet Flashcards

Abeka Number Concept Flashcard 1-20

**Student supplies needed:** The following supplies will be kept in school and shared with the class:

1- 24 count box of crayons

1- Dry erase marker (any color)

1- 10 count of washable markers

3- washable glue sticks

2- #2 pencils

1- wet wipes or disinfecting wipes

For the items below, please put your child's name on:

1- blunt 5" scissors

1- Folder with prongs (any color or design)

1- clipboard

1- set of change of clothes to be kept in your child's backpack. Please put it in a ziplock baggie with your child's name on it.

1- small blanket to be kept in their backpack (for quiet time)

**Duration:** Year long

## Kindergarten Core Block

(Core Block includes all subjects in the description below. Classes cannot be enrolled in individually.)

### **Teacher: Brenda Britton**

Kindergarten is the first impression of school some students will experience. This year is a time when they observe, discover, and make sense of the world around them. Through exploration and investigation, many concepts necessary at this level will be developed and mastered.

### **Bible**

Great Bible stories of the Old and New Testaments will be read and discussed. Scripture memory and character traits taught in the Bible will be incorporated throughout the year.

### **Language Arts** (Phonics, Reading, Handwriting)

The curriculum covers the entire alphabet, including recognizing/writing letters and identifying sounds.

Phonics-based word recognition and reading at an early age are encouraged. In kindergarten, some children will become independent readers. Focus is given to patterns in print, such as direction, capitalization, and end punctuation. Speaking, listening, and conversational skills will be emphasized as well. Children will learn to respond to others using complete sentences and will be given daily opportunities to speak in front of a group. Listening to great literature and memorizing poetry will be included in each school day.

### **Math**

Children will become familiar with the ten basic digits and higher numerals by counting and grouping objects. Basic money and geometric concepts are introduced as well as units of time and beginning addition. Primary math is approached through analytical reason, manipulatives, memorization, and drill.

### **Science**

Through various hands-on experiences, children will explore their natural curiosity about basic science concepts. Topics may include but are not limited to plants, animals, seasons, weather, air, water, and kitchen science.

### **Social Studies**

Children will explore their relationships within the family, neighborhood, and community. They will learn about holidays, celebrations, basic map skills, and the concept of time as it relates to people and events of the past, present, and future.

### **Student texts/supplies** from Abeka:

- |         |  |
|---------|--|
| #201979 | Abeka K5 Child Kit (Manuscript)  |
|         | The kit above includes the following items, which may be ordered separately: |
| #100943 | My Blend and Word Book   |
| #101109 | Basic Phonics Readers  |
| #99201  | Letters and Sounds K5  |
| #138533 | Miniature Alphabet Flashcards  |
| #182346 | Writing with Phonics K5 Manuscript   |
| #182206 | K5 Writing Tablet Manuscript   |
| #99384  | Numbers Skills K5  |
| #100897 | Think and Learn K5   |

### **Parent texts/supplies** from Abeka (There are two ordering options):

Option 1:

- #202029 Abeka K5 Essential Parent Kit (Manuscript)  
The kit above includes the Homeschool K5 Curriculum (Phonics, Reading, Writing, and Numbers) plus the following additional resources, which are optional and may also be ordered separately:
- #182796 K5 Manuscript Handwriting Lesson Plans
  - #148369 Homeschool Phonics Charts and Games
  - #148385 Homeschool Numbers Charts and Games
  - #148377 Homeschool Learning Games
  - #182389 Basic Phonics Flashcards
- Option 2: This option provides the basics of what the parent will need for the year:
- #198021 Homeschool K5 Curriculum (Manuscript) (Phonics, Reading, Writing, and Numbers)
  - #182389 Basic Phonics Flashcards
  - #138533 Miniature Alphabet Flashcards OR any other basic set of alphabet cards (Aa, Bb, etc.)

**Student supplies needed:** school box (7-8”), 3 #2 pencils, scissors, 3 glue sticks, 1 small bottle Elmer’s glue, crayons, colored pencils, washable markers, 8-count watercolor paint set, paint shirt or old T-shirt, 1 container wet wipes or disinfectant wipes.

**Duration:** Year long

### [First Grade Core Block](#)

(Core Block includes all subjects in the description below. Classes cannot be enrolled in individually.)

#### **Teacher: Stacy Beeler**

First grade is a year of important transitions — children leave behind much of the play of kindergarten and dive into developing deeper academic skills. First graders progress from having beginner reading and writing skills to becoming independent readers and writers.

#### **Bible**

We read Bible stories, memorize scripture, sing hymns, and have prayer time.

#### **Language Arts**

Students practice phonics, reading, handwriting, creative writing, spelling and language skills. They will follow the Abeka curriculum, but also play learning games, work on independent centers, and write in their journals, along with many other activities.

#### **Mathematics**

Students practice number recognition, counting, writing 1-1000, addition and subtraction facts through 13, money, place value, graphs, measurements, time, and temperature. They will follow the Abeka curriculum, but also use manipulatives, hands-on activities, and games to practice their skills.

#### **Science**

Students learn by observing, exploring, and experimenting with God’s amazing creation. Some of the topics they will study include: bats, butterflies, arctic animals, weather, and STEM.

#### **Social Studies**

Students learn about geography, early settlers, ancient civilizations, and the history of various holidays.

#### **Textbooks:**

Language Arts Grade 1 manuscript child kit - ##297828

Order manuscript not cursive

Homeschool Language Arts 1 Curriculum Lesson Plans #294802

Arithmetic Grade 1 Child kit - #309451

Homeschool Arithmetic 1 Curriculum Lesson Plans #294888

Parents may order the following optional teaching aids, but they are not required:

Basic Phonics flash cards

Clue Word Cards  
Combination dot cards  
Place value concept cards

**Student supplies needed:** ALL ITEMS should be labeled with your child's first name. The **BOLD** items should fit in your child's supply box. The other items will be stored separately in the classroom and pulled out when needed.

-1 small plastic supply box, any color (ex: Sterilite pencil case \$.99), **1 box of 24 crayons, 12 sharpened pencils (only need to send 2 or 3 to school at a time), 1 pair of scissors, 2 large glue sticks, 1 pack of 8-count washable markers**, 2 regular (not fine tip) dry erase markers (any dark color is fine, the lighter colors do not show up very well), 1 ruler (with inches and centimeters)

Boys please bring 1 container of lysol wipes

Girls please bring 1 box of tissues

**Duration:** Year long

### **Kindergarten-First Grade Electives**

**Teachers: Brenda Britton and Stacy Beeler**

#### **K-1 Enrichment**

Enrichment is a one-of-a-kind experience where art, music, and Spanish are woven together. We will learn about many famous artists and composers along with their cultural backgrounds. A hands-on approach will introduce unique forms of art. Also, we will celebrate holidays and special days throughout the year with fun, engaging activities. Finally, we will learn basic Spanish vocabulary and beginning conversation.

**Duration:** Year long

#### **K-1 Reading Roundup**

This hour will be devoted to developing a love for reading. We will share quality literature and picture books along with games and activities designed to develop our reading skills. Each day will include story time, DEAR (drop everything and read) time, and a variety of reading enrichment activities.

**Duration:** Year long

## Second Grade Core Block

(Core Block includes all subjects in the description below. Classes cannot be enrolled in individually.)

### **Teacher: Jaime Lambert**

The second grade core includes Math, Language Arts, Bible, Handwriting, Science and Social Studies. The language arts program has a solid phonics base and we use fun literature to support the learning. The students become fluent readers this year and gain knowledge through reading comprehension. The children will gain more interest in reading through the 2nd grade reading club. Each month the students read a different book and will have a book club review at the end of each month. In math, your child will become an analytical thinker and use his/her thinking skills in more of the math problems. Their skill and speed will increase with addition and subtraction, telling time, counting money, and the fundamentals of multiplication.

**Textbooks:** Items needed from Abeka

243213 - Spelling/Poetry 2

243116 - Phonics and Language 2

243329 - Arithmetic 2

243353 - Arithmetic tests and speed drills

305618 - History, Science, Health 2 activity book

201103 - Handbook for Reading (optional)

Bible: Beginnings II: God's Promises ISBN# 9781889015019

Handwriting Without Tears items: 2nd Grade Student Bundle A: Printing Power+Building Writers C+Writing Journal C (Code SB2A)

Reading books: Readers for second grade will be listed at a later date. You will be able buy these or borrow from the library.

**Student supplies needed:** 1 box of 24 crayons, 1 box of broad tip markers (8-10ct), 24 sharpened pencils, 1 pair of scissors (labeled with name), 1 ruler (labeled with name), 1 package loose leaf notebook paper (wide ruled), 1 composition notebook (wide ruled, any color, label with name), 2 large glue sticks, 2 chisel tip highlighters (any color), 2 black dry erase markers (fine point). **Girls:** hand sanitizer, **Boys:** Clorox wipes

**Duration:** Year long

## Second Grade Electives

**Teacher: Jaime Lambert**

### 2nd Grade Passport to the World

Send your 2nd grader on a trip around the world! We will begin by creating a 2nd grade passport and explore countries across the globe throughout the year. Your world traveler will learn world geography, create cultural crafts, sample food and treats and learn some new words from each country. The students will make a book of their adventures along the way! Their book will be filled with knowledge from afar and close by countries. We will have special guests throughout the year. Their passports will have many stamps in them by the end of the year!

**Student supplies needed:** 12 ct box of colored pencils, 3 ring binder (1 inch)

**Duration:** Year long

### Second Grade Fine Arts and Enrichment

This hands-on course will help your child open up and shine to their full potential. We cover units of historical drama/reader's theater, physical fitness, and unique science labs. Whether your child is a new reader or fluent veteran, there is a role for them in this class! This reader's theater and drama course is designed to bring your child ahead by two levels in their reading. There will be performances in front of peers and parents. Your child will also be traveling back in time to portray a famous American in the 2nd grade American history play. As a fun bonus, your student will have guided breakouts of physical fitness. They will learn fun and creative ways to stay active and fit. Based off of our core block in the morning, your child will do some special science labs. They will dissect owl pellets, observe worms, learn how electricity works and much more.

**Duration:** Year long

## Third Grade Core Block

(Core Block includes all subjects in the description below. Classes cannot be enrolled in individually.)

### **Teacher: TBA**

In preparation for the intermediate grades, students will refine basic fine motor skills and lay the foundations for future studies in language arts, math, American history, and science. Creative writing, brief essays, cursive handwriting, grammar and spelling will be covered in the language arts curriculum. Spanning the years from Columbus to modern day, a variety of literature, writing, and hands-on activities will encompass the history lessons. While the science studies combine experiments, projects, detailed sketches and laboratory notes. Bible and mathematics round out the block subjects for 3rd graders.

### **Textbooks:**

Math Mammoth Grade 3A Worktext AND 3B Worktext (teacher key is optional)

Bob Jones Science 3 Student Text 4th ed. (painted turtle on cover) ISBN: 9781606828823

Bob Jones Science 3 Student Activity Manual 4th ed. (painted turtle on cover) ISBN: 9781606828830

**Student supplies needed:** Pencils, colored pencils, 3 spiral notebooks, 2 glue sticks, erasers, washable markers, and 1-(package of 4) thin Expo markers.

**Duration:** Year long

## Third Grade Electives

**Teacher: TBA**

### 3rd Grade Elective

**Textbook:**

**Student supplies needed:**

**Duration:** Year long

### 3rd Grade Elective

**Textbook:**

**Student supplies needed:**

**Duration:** Year long

## Fourth Grade Core Block

(Core Block includes all subjects in the description below. Classes cannot be enrolled in individually.)

### 4th Grade Language Arts

**Teacher: Danielle Graham**

4th grade English focuses on three areas: reading comprehension, writing, and grammar. As we read novels, we use context clues to determine unknown words, identify main ideas with supporting details, and begin to recognize main themes in literature. We hone writing skills to compose solid paragraphs—including a good topic statement with supporting sentences—and move from there to multiple paragraph essays. Along with composing paragraphs, we utilize the writing process: brainstorming, using an outline, writing a rough and a final draft, and revising/editing.

**Textbooks:** \$25 (provided by Mrs. Graham)

### **Required books:**

From the Mixed-up Files of Mrs. Basil E. Frankweiler – E. L. Konigsburg, ISBN 9780689711817

The Trumpet of the Swan – E. B. White, ISBN 0064400484

**Student supplies needed:** Wide-ruled, loose-leaf paper, color pencils, red pens, pencils

**Duration:** Year long

#### **4th Grade Math**

**Teacher: Natalie Thom**

Intermediate Math will use Mammoth Math's homeschool-friendly process to develop your student's understanding of addition, subtraction, patterns, graphs, multiplication, time, measurement, division, geometry, fractions, and decimals. We will be working on one main topic at a time, with regular cumulative reviews. Conceptual and practical understanding are emphasized, while using visual models and plenty of skill exercises. We will also play group games, work with partners, and work regularly on basic math facts and word problem skills. Students will have Monday, Wednesday and Friday assignments to complete at home, with most or all tests taken in class.

**Textbook:** Math Mammoth Light Blue Series Grade 4 Colored Package (includes Worktext 4-A, Worktext 4-B, Tests and Cumulative Review book, and Answer Keys book). Answer key book may be used; however, the Worktexts and Tests books must be new (ISBN 9781942715627, 9781942715634, 9781942715641, 9781942715658 or purchased as a package at [Rainbow Resource Center](#))

**Duration:** Year long

#### **4th Grade Science**

**Teacher: Janice Schmadeke**

Science 4 allows students to explore creation through an understandable and engaging presentation of text, diagrams, photographs, and illustrations. The curriculum offers interactive experiments, projects, and activities. Some of the topics covered include: ecosystems, plants, insects, the eye, the digestive system, and principles of motion and energy.

**Textbooks:** Science 4, BJU Press, 4th edition (Miners repelling down a clock-like mechanism on cover); student text may be used; ISBN 9781606827253

Science 4 Activity Manual, BJU Press (Miners repelling down a clock-like mechanism on cover); activity manual must be new.

**Duration:** Year long

#### **4th Grade Social Studies**

**Teacher: Christy Davis**

“Indiana in the Nation and the World” Students study Indiana history and its relationships to regional, national, and world communities. They consider the influence of physical and cultural environments on the state's growth and development and the principles and practices of citizenship and government in Indiana.

**Textbook:** Teacher will provide textbook on loan for no additional charge.

**Duration:** Year long

### **Fifth Grade Core Block**

**(Core Block includes all subjects in the description below. Classes cannot be enrolled in individually.)**

#### **5th grade Language Arts**

**Teacher: Danielle Graham**

Like 4th grade, 5th grade English highlights reading comprehension, writing, and grammar. Through novels, students recognize main themes in literature, are introduced to literary devices, learn the characteristics of different genres, and identify a story's conflict. They hone writing skills through multiple paragraph reports, descriptive essays, persuasive letters, and basic literary analysis.

**Textbooks:** \$25 (provided by Mrs. Graham)

**Required books:**

Where the Red Fern Grows— Wilson Rawls ISBN 9780553274295

The Tale of Despereaux—Kate diCamillo ISBN 978076361722

**Student supplies needed:** Wide-ruled, loose-leaf paper, color pencils, red pens, pencils

**Duration:** Year long

### **5th Grade Math**

**Teacher:** Natalie Thom

Intermediate Math will use Mammoth Math's homeschool-friendly process to develop your student's understanding of addition, subtraction, multiplication, division, problem solving, decimals, graphing, statistics, fractions, and geometry. We will be working on one main topic at a time, with regular cumulative reviews. Conceptual and practical understanding are emphasized, while using visual models and plenty of skill exercises. We will also play group games, work with partners, and work regularly on basic math facts and word problem skills. Students will have Monday, Wednesday and Friday assignments to complete at home, with most or all tests taken in class.

**Textbook:** Math Mammoth Light Blue Series Grade 5 Colored Package (includes Worktext 5-A, Worktext 5-B, Tests and Cumulative Review book, and Answer Keys book). Answer key book may be used; however, the Worktexts and Tests books must be new (ISBN 9781942715696, 9781942715689, 9781942715665, 9781942715672) or purchased as a package at [Rainbow Resource Center](#)).

**Duration:** Year long

### **5th Grade Science**

**Teacher:** Janice Schmadeke

Science 5 continues building on the foundation of science facts and skills for the further study of science in the upper grades. The colorful curriculum, filled with photographs, charts, diagrams, and illustrations, balances the presentation of facts with hands-on activities in order to promote understanding and instill in your child a love of learning. Topics include the following: minerals, fossils, matter, light, weather, ecosystems, the human body and much more. All lessons are presented within a Biblical worldview to help your child develop knowledge of God.

**Textbooks:** Science 5 4th edition (fossil dig on the cover); student text; may be used ISBN: 9781606824634  
Science 5 Activity Manual (must be new) ISBN: 9781606826010

**Duration:** Year long

### **5th Grade Social Studies**

**Teacher:** Christy Davis

“The United States - The Founding of the Republic”. Students study the history of the United States to 1800, focusing on the influence of political, geographical, economic, and cultural factors on early development. Emphasis is placed upon the study of American Indian cultures, exploration, colonization, settlement, and the founding period that produced the United States Constitution and the Bill of Rights.

**Textbook:** Teacher will provide textbook on loan for \$20

**Duration:** Year long

## **Sixth Grade Core Block**

**(Core Block includes all subjects in the description below. Classes cannot be enrolled in individually.)**

### **6th Grade Language Arts**

**Teacher:** Danielle Graham

In 6<sup>th</sup> Grade English, students continue to hone reading comprehension, writing, and grammar skills to prepare for middle school. While implementing the writing process, essays focus on narratives with plot elements, argumentative analysis comparing texts, and informative compositions using relevant details and facts as support. Grammar builds on previously learned skills. Through novels, poems, short stories, and factual texts,



students find key ideas through textual support, understand how structure contributes to understanding, and synthesize different genres.

**Textbooks:** \$25 (provided by Mrs. Graham)

**Required books:**

Wonder by R.J. Palacio (ISBN 9780375869020)

City of Ember by Jeanne DuPrau (ISBN 9780385371353)

Tuck Everlasting by Natalie Babbitt (ISBN 9780374301675)

**Student supplies needed:** Wide-ruled, loose-leaf paper, color pencils, red pens, pencils

**Duration:** Year long

**6th Grade Math**

**Teacher: Natalie Thom**

Intermediate Math will use Mammoth Math's homeschool-friendly process to develop your student's understanding and review of addition, subtraction, multiplication, division, expressions and equations, decimals, ratios, percents, factoring, fractions, integers, geometry, and statistics. We will be working on one main topic at a time, with regular cumulative reviews. Conceptual and practical understanding are emphasized, while using visual models and plenty of skill exercises. We will also play group games, work with partners, and work regularly on basic math facts and word problem skills. Students will have Monday, Wednesday and Friday assignments to complete at home, with most or all tests taken in class.

**Textbook:** Math Mammoth Light Blue Series Grade 6 Colored Package (includes Worktext 6-A, Worktext 6-B, Tests and Cumulative Review book, and Answer Keys book). Answer key book may be used; however, the Worktexts and Tests books must be new (ISBN 9781942715207, 9781942715382, 9781942715597, 9781942715580) or purchased as a package at [Rainbow Resource Center](#)).

**Duration:** Year long

**6th Grade Science**

**Teacher: Janice Schmadeke**

Science 6 is an engaging and interactive class that covers topics such as earthquakes and volcanoes, weather and erosion, natural resources, cells, scientific classification, atoms and molecules, the solar system, and genetics. Your child will consider each topic within a biblical worldview and will develop critical thinking skills along with other science process skills such as classifying, inferring, communicating, measuring, experimenting, and collecting and recording data.

**Textbooks:** Science 6 4th edition (salamander and starfish on the cover); student text; may be used. ISBN: 1606822063, Science 6 Activity Manual (must be new): ISBN: 1606822179

**Duration:** Year long

**6th Grade Social Studies**

**Teacher: Christy Davis**

Peoples, Places, and Cultures in the Americas and Europe including geographical, historical, economic, political, and cultural relationships. The areas emphasized are Geography, Canada, Latin America, and Western Europe.

**Textbooks:** Teacher will provide textbook on loan for \$25

**Duration:** Year long

## 4-6th Grade Core Supply List

- 2 extra three-pronged pocket folders (folders for each subject will be provided on the first day of school)
- 1 four subject spiral notebook OR 4 individual spiral notebooks
- 1 composition notebook (**6th grade students ONLY**)
- 4 black Expo dry erase markers\*
- Pencil bag w/ zipper
- Pencils (should have at least 2 in pencil bag at all times—Ticonderoga last the longest)
- Colored pencils
- Pencil sharpener
- Large pink eraser
- Scissors
- 2 large glue sticks (Elmers please as other brands dry out)\*
- 2 packages post-it notes\*
- 3 packages index cards on a ring- any size\*
- Mini stapler/staples
- One pocket folder filled with loose-leaf paper

\*Only one of these items needed on the first day of school, keep remainder at home as needed throughout the year.

## 4th-6th Grade Electives

### 4th - 6th Bible: Old Testament Survey

**Teacher: Erica Dick**

In this semester-long survey class, we take one day to walk through each of the books of the Old Testament, learning the history of the book, the themes it covers, key verses, how the book points forward to Jesus, and how it fits into the overall story of God's dealings with Israel. We will also include Scripture memory challenges and Sword Drills (races to find verses in the Bible).

**Textbooks:** \$25 (provided by Mrs. Dick)

**Student supplies needed:** Bible (any translation is fine), folder and a pen or pencil.

**Duration:** Semester long

### 4th-6th Drama

**Teacher: Erica Dick**

This class will develop the skills of both first-time and veteran theater students. We will dive into topics like the history of theater, set design, costuming, stage-ready skills (enunciation, inflection, projection, posture, etc.), characterization, improvisation, movement, memorization, and performance. Your student will work both alone and in groups throughout the semester to perform monologues, scenes and sketches. This class will have homework every Monday, Wednesday, and Friday (unlike the 4th - 6th Bible class that I teach), so please make sure your student has room in his or her schedule on those days before signing up for the class. It's going to be a wild ride!

**Duration:** Semester long

### **4th-6th Drawing and Design**

**Teacher: Lyn Gettinger**

This studio art course will focus on Design Elements and Principles, and will include projects with seasonal inspiration.

Students will:

Gain confidence in their drawing ability

Learn to perceive rather than assume in order to draw realistically

Learn drawing techniques such as contour line drawing, linear perspective, and shading

Use pencil, marker, charcoal, and ink in subjects including still life, portrait, landscape, and line designs.

Each student will compile a portfolio of their completed work from which they will select pieces to be entered in the annual Spring Art Show.

**Student supplies needed:** All supplies are provided

**Duration:** Semester long

### **4th-6th Art Through the Ages**

**Teacher: Lyn Gettinger**

This engaging course will acquaint students with artists from the past and introduce them to the development of art styles in historic eras. The studio projects will include a wide variety of 2D and 3D media, including ceramics. Each student will compile a portfolio of their completed work from which they will select pieces to be entered in the annual Spring Art Show.

**Student supplies needed:** All supplies are provided

**Duration:** Semester long

### **4th-6th Geography**

**Teacher: Christy Davis**

This class is an introduction to U.S. & World Geography. Each continent is systematically introduced with an emphasis on major bodies of water, countries, and land formations. Economics, languages, religions, weather, and cultures are also discussed. Students will practice reading and labeling maps. Other activities include missionary stories, videos, and tasting international foods. There is no homework or tests assigned for the course. All work is completed in class. Students will compile a folder with various maps and worksheets pertaining to the class.

**Duration:** Semester long

### **4th-6th The Way of Jesus**

**Teacher: Christy Davis**

Students will study Jesus and the compelling way that He lived. The class will focus on three basic, yet life-changing principles:

- Be With Jesus
- Become Like Jesus
- Do What Jesus Did

With these concepts as the guide, students will learn about prayer, how to read Scripture, how Jesus cared for those forgotten, among other topics. The goals of the course will be to teach students how to study the way Jesus lived so that they love Him more and pattern their lives after His.

**Textbook:** None. Teacher will provide materials

#### **4th-6th Intermediate STEM**

**Teacher:** Natalie Thom

This extracurricular class is designed to be fun, educational, and integrative! Students will grow as critical thinkers as they research, design, and problem solve through several STEM modules. This project-based learning will integrate science, technology, engineering, and math, plus a bit of literature on the side! Students will study and put the subjects into action, based on the work of Rube Goldberg, robotics, to-scale models, and more! Students will gain valuable life experience working in teams and individually. Students will be evaluated through individual effort, project participation, teamwork, project research, and project completion. As these are largely project-based assignments, most, if not all, of the physical work will be completed during class time. Specific experiments and activities are rarely repeated (except by popular demand), so your student can take this course for multiple semesters and years because each semester will be a different adventure!

**Student Supplies Needed:** folder, composition book, pencil, occasional supplies as needed (empty cardboard tubes, etc.)

**Duration:** 1 semester

#### **4th-6th Challenge math, problem solving and competition**

**Teacher:** Mary K. Van Antwerp

Students who love math and exploring the patterns of God's amazing creation will thrive and be challenged in this class. We will utilize materials from Ed Zaccaro's excellent, time tested "Challenge Math" series to learn and master problem solving techniques. We will then apply this knowledge to participation in a national mathematics competition which runs from fall through spring. Students will compete at grade level with peers from all types of schools across the country. In this class, students will be exposed to some of the most fascinating mathematical ideas such as pi and the Fibonacci sequence. We will discover for ourselves Galileo's assertion that, "Math is the language in which God wrote the universe."

**Student Supplies Needed:** One 3 ring inch binder, pencil

**Duration:** 2 semesters