

3 Day Model

Course Descriptions: Elementary/Intermediate

2022-2023



Pre-Kindergarten

Teacher: Sarah DeGolyer

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 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, unifix 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:

1. Abeka ABC Writing Tablet (Manuscript)
2. Abeka ABC-123: K4 Phonics and Numbers

Optional resources parents may purchase for home:

1. Abeka Mini Alphabet Flashcards
2. 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

Teacher: Ana Allen

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:

1. #201979 Abeka K5 Child Kit (Manuscript)
The kit above includes the following items, which may be ordered separately if you want to source them individually:
 - #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: Order full parent kit (manuscript edition) which includes the required parent curriculum book as well as a variety of resources.

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: Order the following items individually using Abeka product numbers (does not include the additional resources included in the Parent Kit above, but will provide everything required for the year)

1. #198021 Homeschool K5 Curriculum (Manuscript) (Phonics, Reading, Writing, and Numbers)
2. #182389 Basic Phonics Flashcards
3. #138533 Miniature Alphabet Flashcards OR any other basic set of alphabet cards (Aa, Bb, etc.)

Student supplies needed: 1 school box (7-8”), 2 packs #2 pre-sharpened Ticonderoga pencils, 1 pair scissors, 16 pack glue sticks, 1 small white bottle glue, 3 boxes Crayola crayons, 1 box colored pencils, 1 pack washable markers, 8-count watercolor paint set, paint shirt or old T-shirt, 1 container disinfectant wipes, 1 Kleenex box, 1 RED two-pocket prong folder, 1 GREEN two-pocket prong folder, 1 Mead Primary Composition Notebook, 1 pack Expo dry erase markers, 1-3ring 1 in. binder

Duration: Year long

First Grade

Teacher: Ali Wentz

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:

1. Abeka Language Arts Grade 1 **manuscript** child kit - #297828
2. Abeka Arithmetic Grade 1 Child kit - #309451

OPTIONAL Parent Books

1. Abeka Homeschool Language Arts 1 Curriculum Lesson Plans #294802
2. Abeka 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:

- *Plastic Supply box [standard size approx. 8.2 in. x 4.6 in.]
- *1 pack of Crayola washable markers (8 count)
- *1 pack of Black EXPO dry erase markers (6-8 count)
- *1 plastic Ruler (centimeters and inches)
- *1 RED plastic folder with pockets & prongs
- *1 GREEN plastic folder with pockets & prongs
- *1 Mead Primary Composition Notebook (can be found at Walmart, Amazon, Staples, etc.)
- *2 boxes of Crayola crayons (24 count)
- *2 packs of pre-sharpened pencils (Ticonderoga preferred; 12 count)
- *1 pair of scissors
- *1 pack of glue sticks (6+ count)
- *1 liquid Elmer Glue bottle
- *1 pack of Crayola colored pencils (12 count)
- *2 pink erasers
- *1 one-inch binder

Second Grade

Teacher: Liana Clark

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:

1. Abeka Spelling/Poetry 2 #243213
2. Abeka Phonics and Language 2 #243116

3. Abeka Arithmetic 2 #243329
4. Abeka Arithmetic tests and speed drills #243353
5. Abeka History, Science, Health 2 activity book #305618
6. Abeka Handbook for Reading (optional) #201103
7. Bible: Beginnings II: God's Promises ISBN# 9781889015019
8. Handwriting Without Tears items: 2nd Grade Student Bundle A: Printing Power+Building Writers C+Writing Journal C (Code SB2A)

Readers: Readers for second grade will be listed at a later date. You will be able to 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

[Third Grade](#)

Teacher: Allison Williams

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:

1. Math Mammoth Grade 3A Worktext AND 3B Worktext (teacher key is optional)
2. BJU Science 3 Student Text 4th ed. (painted turtle on cover) **ISBN: 9781606828823**
3. BJU Science 3 Student Activity Manual 4th ed. (painted turtle on cover) **ISBN: 9781606828830**
4. BJU English Grade 3 Student Worktext, 2nd edition **ISBN: 1591669073**
5. BJU Heritage Studies 3 Student Text, 3rd Edition (train on cover) **ISBN-13: 9781628568837**
6. BJU Heritage Studies 3 Student Activity Manual, 3rd Edition (train on cover) **ISBN: 1606824783**

Novels: Novels for 3rd grade will be listed at a later date and can be borrowed from the library or purchased used.

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

[Fourth Grade](#)

Teacher: Lora Schultze

Language Arts

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.

Math

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.

Social Studies

“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.

Science

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:

1. 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](#))
2. BJU Press Science 4, 4th edition (Miners repelling down a clock-like mechanism on cover); student text may be used; ISBN 9781606827253
3. BJU Press Science 4 Activity Manual (Miners repelling down a clock-like mechanism on cover); activity manual must be new.
4. BJU Press English: Writing & Grammar Grade 4, Student Worktext (Second Edition), Updated Version ISBN: 1591669162
5. BJU Press Reading 4 Student Worktext, 3rd Edition ISBN: 1628560762
6. Social studies textbook provided on the first day of classes for each student. A \$25 rental will be added to your account in Brightwheel.

Student Supplies Needed:

- 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
- 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
- 1 package colored highlighters
- 1 package red pens
- Pencil sharpener
- Large pink eraser

- Scissors
- Ruler
- 2 large glue sticks (Elmers please as other brands dry out)

Fifth Grade

Teacher: Emilye Casteel

Language Arts

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.

Math

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 and Friday assignments to complete at home, with most or all tests taken in class.

Social Studies

"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.

Science

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:

1. 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](#).
2. BJU Press Science 5 4th edition (fossil dig on the cover); student text; may be used ISBN: 9781606824634
3. BJU Press Science 5 Activity Manual (must be new) ISBN: 9781606826010
4. BJU Press English Grade 5 Student Edition, 2nd Edition ISBN: 1606821032
5. Social Studies textbook provided on the first day of classes for each student. A \$25 rental will be added to your account in Brightwheel.

Student Supplies Needed:

- 2 extra three-pronged pocket folders (folders for each subject will be provided on the first day of school)
- 4 composition notebooks
- 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
- 1 package colored highlighters
- 1 package red pens
- Pencil sharpener
- Large pink eraser
- Scissors
- Ruler
- 2 large glue sticks (Elmers please as other brands dry out)
- NIV Bible

Sixth Grade

Teacher: Mary K Van Antwerp

Language Arts

In 6th 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.

Math

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 and Friday assignments to complete at home, with most or all tests taken in class.

Social Studies

In 6th grade social studies, we will study the 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.

Science

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:

1. 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 Test books must be new (ISBN 9781942715207, 9781942715382, 9781942715597, 9781942715580) or purchased as a package at [Rainbow Resource Center](#)).

2. BJU Press Science 6 4th edition (salamander and starfish on the cover); student text; may be used.
ISBN: 160682206
3. BJU Press Science 6 Activity Manual (must be new): **ISBN: 1606822179**
4. BJU Press English 6: Writing and Grammar, 2nd edition **ISBN 978-606822-230-2 (must be new and unused)**
5. Social Studies Textbook provided on the first day of classes for each student. A \$25 rental will be added to your account in Brightwheel.

Required novels:

1. Wonder by R.J. Palacio (ISBN 9780375869020)
2. City of Ember by Jeanne DuPrau (ISBN 9780385371353)
3. Tuck Everlasting by Natalie Babbitt (ISBN 9780374301675)

Student Supplies Needed:

- Scripture planner 2022-2023 for middle school; available here [2022-23 Middle School Scripture Planner \(ESV\) - God's Word in Time \(godswordintime.com\)](#)
 - 1 durable cloth book cover for social studies textbook
 - 5 plastic folders with prongs, in different colors; hole punched if student wants to use a Trapper Keeper (see below)
 - 2 composition notebooks, graph ruled (these are for math)
 - 3 composition notebooks, wide rule
 - Pencil bag or case sufficiently large to hold the next 6 listed supplies
 - Pencils; students should have at least 2 sharpened at all times; extra stock should be kept at home and replenished as needed throughout the school year. If students prefer mechanical pencils, I strongly recommend the 1.3mm lead type but other size lead is fine – students will be expected to have a supply of lead on hand at all times if mechanical pencils are chosen.
 - Colored pencils, 1 pack of 12 Crayola brand
 - Hand held pencil sharpener; will be used for colored pencils
 - 1 – large Pink Pearl eraser
 - 1 – scissors, student size
 - Red pens (students should have at least one functional at all times- extra may be kept at home as replenished as needed)
 - 2 – large Elmer’s brand (only) glue sticks*
 - 1 - bottle Elmer’s brand (only) glue*
 - 1 – package wide ruled looseleaf paper (120 sheets or more)*
 - 5 – boxes Kleenex (120 sheets/box or more)*
 - 4 – black Expo dry erase markers 1 – package colored Expo dry erase markers (various colors are fine)*
 - 2 – large containers Clorox (or similar – 75 count or higher) wipes*
 - 1 – calculator Texas Instruments TI-30xa (*This is the only model permitted; we will begin using these second quarter; no calculators first quarter)
 - 1 – book bag or backpack large enough to carry all of these supplies as well as textbooks comfortably
- *These supplies will be shared with the class.

Note: If your student likes to use a Trapper Keeper, that is fine – all of the folders and notebooks referenced above can fit in the Trapper Keeper.

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 Cursive and Crafts:

Teacher: Lora Schultze

There are many benefits of students learning cursive handwriting. Some of these benefits include improved neural connections, development of fine motor skills, and enhanced memory and comprehension. This course will focus on reading and writing the cursive alphabet, words, and sentences. After the penmanship portion of the class, the students will work on a craft activity that will allow for a fun, group interaction experience. The crafts will focus primarily on seasonal, holiday, and cultural themes.

Textbooks: NONE

Student supplies needed: None

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."

Textbook: Challenge Math, by Ed Zaccaro, must be new and unused, ISBN 978-0967991559

Student Supplies Needed: One 3 ring inch binder, pencil

Duration: 2 semesters