

CHEER Homeschool Co-Op Classes 2025-26

Music & Movement:

Grades: PK-K

Teacher: Karen Hogg

Day/Time: Thursdays, 10:15-10:45 am

Yearly Tuition: \$16

Supply fee: none

Prerequisite: none

Enrollment Requirement: Minimum 2; Maximum 20 students

Preferred Payment methods: Cash, Check, CashApp and/or PayPal

Textbook: none

Other Requirements: a valid email address for communication

Description: We will enjoy music and movement activities that combine music with physical movement. This includes singing, dancing, playing instruments and moving to the beat. This class will work on coordination, gross and fine motor skills, following directions, sequencing and creativity, and self-expression.

Fun Class: Read, Craft, and Cook with Books:

Grades: PK-5th

Teacher: Jyl Griffin

Day/Time: Thursdays, 11:00 – 11:50 am

Yearly Tuition: \$60

Supply Fee: \$30

Prerequisite: None

Enrollment Requirements: minimum 6; maximum 20 students

Preferred Payment methods: Cash, Check, CashApp and/or PayPal

Textbooks: Various children's books, not required to purchase

Other Requirements: a valid email address for communication

Description: Cook with Books and Crafts, Oh My! This is a twist on the Fun Class this year! Each week, the kids will rotate with show and tell during the year. This class involves baking, creating food with no bake recipes, and making crafts. One week a book will be read, and a craft, or project made. The next week, we will make something related to the book with food. I will make sure of known allergies of children in the recipes and make substitutions or ask parents to bring items for their kids that have allergies. Some of our cooking will include baking, using the griddle, one pot cookies, microwave, or easy, healthy snacks for the kids to create and expand their cooking skills.

Examples of books to be read, but not limited to are: Secret Party Pizza, If You Give a Dog a Donut, Applesauce Day, If You Give a Moose a Muffin, If You Give a Cat a Cupcake, Tony's Bread, The Little Mouse, the Red Ripe Strawberry and the Hungry Bear, Oliver's Fruit Salad, Johnny Appleseed, The Mixed Up Chameleon, The Very Stuffed Turkey, Why Should I Eat Well?, Tony Baroni Loves Macaroni, How Do Dinosaurs Say Goodnight?, Pancakes, Pancakes!, Christmas Story of Jesus, The Snowy Day, Snowflake Bentley, Commotion in the Ocean, There was an Old Lady Who Swallowed Some Snow, Worm Weather, One Giant Leap, and more!

Explore the World:

Grades: K-5th

Teacher: Jyl Griffin

Day/Time: Thursdays, 9:00 – 9:50 am

Yearly Tuition: \$60

Supply Fee: \$30

Prerequisite: None

Enrollment Requirements: minimum 6; maximum 20 students

Preferred Payment methods: Cash, Check, CashApp and/or PayPal

Textbooks: No curriculum is required to purchase for this class. I will be using multiple resources as my "spine": Little Passports World Edition, Classroom Atlas, library books, country reference books, and the Children's Atlas of God's World.

Other Requirements: A valid email address is needed and ability to access Google Classroom for weekly assignments, videos and reading material.

Description: In Exploring the World class, students will learn and locate the continents and oceans. The main focus is to explore countries and learn more about the world God made. Over the year, we will learn of each country's geography, culture, traditions, animals, coins, flags, and traditional food. As we travel the world together, each student will put a stamp in their passport! As we travel, we will have some games to locate specific countries on the map and visual aids to help recognize flags. In class, there will be opportunities make native crafts, art projects, and sample food. There will be light homework to do at home and weekly video's and reading on Google Classroom. Each student will have a geography notebook to collect the things learned each semester. In their notebooks, the students will have a country fact sheet, and an animal fact sheet to collect information on and share in class from each country. Come travel the world with me!

Elementary Art Appreciation:

Grades: 1st -5th

Teacher: Karen Hogg

Day/Time: Thursdays, 11:00 – 11:50 am

Yearly Tuition: \$100

Supply Fee: \$30

Prerequisite: None

Enrollment Requirements: minimum 2; maximum 20 students

Preferred Payment methods: Cash, Check, CashApp and/or PayPal

Textbooks: Curriculum I will be using each week (families will not need to purchase)

<https://www.mfwbooks.com/item/12650/God-and-the-History-of-Art/>

<https://www.mfwbooks.com/item/02650/I-Can-Do-All-Things-Book-Set/>

Other Requirements: A valid email address is needed and ability to access Google Classroom for weekly assignments, videos and reading material.

Description: This Art Appreciation class will be for young artist to be introduced to a wide range of art using colored pencils, markers, paints, clay, etc. Encouraging them to look deeper into the content of the art. At the end of the year each student will have created an art portfolio to view how far they have achieved in their art.

Elementary Physical Education:

Grades: 1st - 4th

Teacher: Abby Kelly

Day/Time: Thursdays, 10:00 am -10:40 am

Yearly Tuition: \$16

Supply Fee: \$15

Enrollment Requirements: Minimum 15; Maximum 30 students

Preferred Payment Methods: Cash, Check, CashApp and/or PayPal

Requirements: parents' valid email address

Description: This class is designed to promote movement, joy, listening adaptability and sportsmanship. Additionally, we will include some scripture and poetry memorization using physical movement to help with memory. We will utilize games, races, drills, teamwork and traditional exercises to help students develop their fitness and their faith.

Elementary Russian Language and Culture:

Grades: 2nd – 5th (1st grade by teacher approval)

Teacher: Elena Pashkovets

Day/Time: Thursdays, 1:30-2:20 pm

Yearly Tuition: \$140

Supply Fee: \$30

Prerequisite: None

Enrollment Requirements: minimum 5; maximum 12 students

Preferred Payment methods: Cash, Check, and/or CashApp

Required Materials:

- Workbook Set from Rodnikbooks.com, 1st Grade Curriculum. Depending on the age and writing skill, we can supplement with their Kindergarten level program. Azbuka (also from Rodnikbooks.com) will be our reader in class and I will have a copy of the book. Student is not required to buy one.
- My First Russian Phrases by Jill Kalz, illustrated by Daniele Fabbri - We will work through this book over the course of the year.

Other Requirements: Valid Email address to access Google Classroom

Description: Together in class we will focus on TWO main goals, working through the Russian Alphabet AND Learning about Slavic Culture. The first goal will involve learning letters, writing cursive, reading from Azbuka (the first reader), learning vocabulary words and working through common phrases. The second goal is to introduce the student to the culture of Slavic People. We will learn about their holidays, lifestyle, and occasionally taste different foods.

By the end of the year, the student who completes the homework and participates in class will begin reading simple words and know a collection of phrases, but more importantly know about this group of people who will join in the celebration before the throne of God when many nations will gather to worship!

Elementary Anatomy & Physiology:

Grades: 2nd -5th

Teachers: Susie Baxter & Brie Newby

Day/Time: Thursdays, 12:30-1:20 pm

Yearly Tuition: \$160 per year

Supply Fee: \$40

Textbook: No textbooks are required; however, we encourage parents to choose at least one of the options below:

Older students: "Exploring Creation with Human Anatomy and Physiology" by Jeannie Fulbright, published by Apologia Educational Ministries, ISBN: 1935495143 (*This book will be used as the SPINE for our scope and sequence, but is more geared for 4th and 5th grades*)

Younger students: "My Body is Amazing," by Teacher Created Resources ISBN-13: 9781420617559

Younger or older, in addition to one of the above options: "My Body," By: Rachele Cracchiolo (Teacher Created Resources) ISBN: 1557342113

Enrollment Requirements: minimum 4; maximum 18 students

Preferred Payment Methods: Cash, Check, CashApp and/or PayPal

Other Requirements: Google Classroom will be used for communication and links to websites and videos for class, therefore a valid email address and a computer with internet access are required.

Course Description: The Bible tells us that God specially chose each of us to be born and that we are created in His Image. Psalm 139:13-14 tells us, "For You formed my inward parts; you wove me in my mother's womb. I will give thanks to You, for I am fearfully and wonderfully made; wonderful are Your works, and my soul knows it very well." All of creation is certainly awe-inspiring, but the workings of the human body, created in the very image of God, are especially jaw-dropping! This anatomy and physiology class will study the intricacy and design of the human body, from DNA and cell creation to the skeletal, muscular, digestive, respiratory, cardiovascular, nervous/endocrine, immune, and integumentary systems. We will integrate health and nutrition information, as well as plenty of scripture and biblical application too. This class will equip students to understand the body (the Temple!) that God gave them! This class will follow the scope and sequence of the Middle School Anatomy class but will be adjusted for younger grades. Each week, options will be given for parents to choose how to learn the material at home. Options will include: reading from the Apologia textbook (encouraged for older students), reading from My Body is Amazing (encouraged for younger students), supplemental videos, websites, and online activities. During class, we will do hands-on experiments and activities to help solidify what they learn at home. It will be up to the parent's discretion how to assess student's knowledge of the topics we learn; no tests or homework will be graded in class. Join us as we get to know our Creator through the mighty works of His hands!

Elementary Book Club:

Grades: 3rd – 5th

Teacher: Angela Baugher and Erica Miller

Day/Time: Thursdays 1:30-2:20 pm

Yearly Tuition: \$100

Supply fee: \$40

Textbook: Booklist:

- Frindle by Andrew Clements
- Christian Heroes Then and Now (Biography)
- The Borrowers by Mary Norton
- The Whipping Boy by Sid Fleischman
- The Case of the Case of the Mistaken Identity by Mac Barnett
- The Vanderbeekers of 141st Street by Karina Yan Glaser
- The Lion, the Witch and the Wardrobe by C.S. Lewis
- A Place to Hang the Moon by Kate Albus
- The Wild Robot by Peter Brown
- The Princess and the Goblin by George MacDonald
- Five Children and It by E. Nesbit
- The Twenty-One Balloons by William Pene du Bois

Prerequisite: Fluent reading skills and ability to read aloud are required in order to participate in class activities Ability to complete 80-120 pages per week of reading

Enrollment Requirement: minimum 8; maximum 12 students

Preferred payment methods: Cash, Check, and/or CashApp

Other Requirements: Valid email address and access to Google Classroom

Description: Elementary Book Club will foster a love of reading for students through games, activities, and discussion of books that are read outside of class. The books in this course include varying genres and authors to expose students to many types of books. Discussion and activities in class will focus on enhancing critical reading and comprehension skills. Additionally, figurative language, story elements, and literary techniques and terms will be taught as part of the book discussion. As it is our goal to foster a love of reading, students may be asked at times to share about a favorite or current book they have been reading in a book “show and tell” format. The activities and discussion in class will be dependent upon the students completing the assigned reading before attending class. It is critical for the success of the student and class as a whole for students to complete approximately 80-120 pages of reading each week. Parent led reading and audiobooks are acceptable.

Upper Elementary + Middle School Physical Education:

Grades: 4th -8th

Teacher: Paige Lindemann

Day/Time: Thursdays, 12:50 – 1:20 pm

Tuition: FREE

Supply fee: \$25

Prerequisite: None

Enrollment Requirement: Minimum 10; Maximum 30 students

Preferred Payment Methods: Cash, Check and/or CashApp

Other Requirements: None

Curriculum: PE Games are sourced from a variety of sources with the majority coming from the channel, PhysEdGames, on YouTube. He is a certified physical education teacher and provides games which have been tried out in his classroom.

Description: Join us for fun and active play in Upper PE! We will play a variety of games that are both competitive and cooperative. Students will learn to work together, play respectfully, dispute kindly and always show honor to the Lord in our actions.

To Every Nation: Missionary Study

Grades: 4th - 8th

Teacher: Jyl Griffin

Day/Time: Thursdays, 10:00-10:50 am

Yearly Tuition: \$60

Supply fee: \$25

Prerequisite: none

Enrollment Requirements: minimum 6; maximum 20 students

Preferred payment methods: Cash, Check, PayPal and/or CashApp

Textbook: I will be using the Not Consumed curriculum for Every Nation Homeschool History/ Missionary Study. Each student will be provided their own booklet of Every Nation, which is part of the Supply Fee. The study notebooks have a summary of the biography story of missionaries, geography pages to learn of the people and culture, a short Bible study on a character trait on each missionary, scripture copy work, and biography note booking page. Parents can also choose to read the full story of each missionary at home using the YWAM book series if wanting more in-depth reading.

Other Requirements: Valid email address

Description: In To Every Nation Mission Study, we will learn about 12 missionaries. Come learn about the Heroes in the Christian Faith and how we can learn to trust God through His Word. This course is a multi-age learning class which covers multiple subjects: history, geography, reading skills, scripture copy work, practical life application, and character traits to learn of the missionaries studied.

This class will also offer discussion and working in small groups. Some of our class time will be working together on the note booking pages and watching small clips of videos about the missionaries. There will be assigned pages for homework.

The missionaries in this book are Hudson Taylor, Gladys Aylward, Eric Liddell, Corrie Ten Boom, George Muller, Nate the Saint, Elisabeth Elliot, David Livingston, Mary Slessor, Amy Carmichael, William Carey and Adoniram Judson.

The character traits to be covered: endurance, virtue, honor, forgiveness, faith, sacrifice, focus, perseverance, service, compassion, patience and contentment. If I am able to, I would like to do a field trip at The Voice of the Martyrs.

Special Project:

A wax museum presentation will be the end of the year. Each student will choose a missionary and be in "Character" and present at Co-Op.

Middle School History 1840 - 1991:

Grades: 5th - 7th

Teacher: Lisa Beth Hutchins

Day/Time: Thursdays, 10:00-10:50 am

Yearly Tuition: \$180

Supply fee: \$30

Prerequisite: Preference given to students enrolled in Early Modern History (2024/2025)

Enrollment Requirement: minimum 3; maximum 12 students

Preferred payment methods: Cash, Check, PayPal, and/or CashApp

Textbooks:

- The Story of the World, Volume 4: The Modern Age by Susan Wise Bauer (required) <https://www.christianbook.com/hardcover-vol-4-modern-story-world/susan-bauer/9781945841897/pd/841897?event=Homeschool|1004785>
- Across Five Aprils by Irene Hunt (required) <https://www.christianbook.com/across-five-aprils-irene-hunt/9780425102411/pd/102416?event=BRSSRCG|PSEN>
- Geography Songs (may be purchased or found on YouTube) <https://www.christianbook.com/geography-songs-volumes-1-3/9781883028206/pd/302826?event=BRSSRCG|PSEN>

Other Requirements: Access to library/encyclopedias, valid email address, access to Google Classroom

Description: This class will study history from the Victorian Era (c. 1840) to the fall of the USSR (c. 1991) and world geography. Each week reading will be assigned and a written narration of the reading is required. Quizzes of world geography and important dates will be administered. Students will be required to give presentations/teach lessons once each semester. We will also look at art, poetry, and music of the period, committing some works to memory.

JA BizTown

Grades: 5th - 7th

Teacher: Angela Baugher and Erica Miller

Day/Time: Thursdays, 2:30-3:20 pm *EVERY OTHER WEEK

Yearly Tuition: \$120

Supply fee: \$40

Prerequisite: Basic arithmetic including addition and subtraction.

Enrollment Requirements: Minimum 10; maximum 30 students

Preferred Payment Method: Cash, Check, and/or CashApp

Textbook: Junior Achievement Biztown Student Packet - This resource will be provided to the student. <https://oklahoma.ja.org/programs/ja-biztown>

Other Requirements: Valid email address for Google Classroom

Description: JA BizTown® combines in-class learning with a day-long visit to a simulated town. Following participation in the program, students will be able to:

- Discuss the roles they play as citizens, employees, and consumers in their community and relate those roles to the market economy.
- Discuss the importance of citizen rights and responsibilities in a community, including being an informed voter.
- Demonstrate a basic understanding of the free enterprise system and its historic foundation.
- Foster money management skills through practical experiences of economic concepts and banking practices.
- Develop an understanding of foundational business practices and responsibilities.
- Display the soft skills essential for successful participation in the world of work and career building.

To ensure small class sizes and accommodate student interest, students enrolled in JA BizTown will be divided into two sections. Section 1 will meet every other week beginning week 1. Section 2 will meet every other week beginning week 2. Information regarding section

assignments will be provided prior to the start of co-op. All students will participate in the simulation together.

Middle School Art Appreciation:

Grades: 5th – 8th

Teacher: Karen Hogg

Day/Time: Thursdays, 9:00 – 9:50 am

Yearly Tuition: \$100

Supply Fee: \$30

Prerequisite: None

Enrollment Requirements: minimum 2; maximum 20 students

Preferred Payment methods: Cash, Check, CashApp and/or PayPal

Textbooks: Curriculum I will be using each week (families will not need to purchase)

<https://www.mfwbooks.com/item/12650/God-and-the-History-of-Art/>

<https://www.mfwbooks.com/item/02650/I-Can-Do-All-Things-Book-Set/>

Other Requirements: A valid email address is needed and ability to access Google Classroom for weekly assignments, videos and reading material.

Description: This Art Appreciation class will be for young artist to be introduced to a wide range of art using colored pencils, markers, paints, clay, etc. Encouraging them to look deeper into the content of the art. At the end of the year each student will have created an art portfolio to view how far they have achieved in their art.

MS Anatomy & Physiology 1 & 2 (Two Class Time Options):

Grades: 6th – 8th (5th by teacher permission only)

Teachers: Susie Baxter & Kelsey Gunderson

Day/Time: Thursdays 11:00 am -12:20 pm **OR** 2:30 – 3:50 pm (1 hour 20 min class)

Yearly Tuition: \$180

Supply fee: \$40

Prerequisite: none

Enrollment Requirements: minimum 4; maximum 16 students **per class**

Preferred payment methods: Cash, Check, PayPal and/or CashApp

Textbook: Exploring Creation with Human Anatomy and Physiology by Jeannie Fulbright, published by Apologia Educational Ministries, ISBN: 1935495143

Other Requirements: Google Classroom will be used for communication and links to websites and videos for class, therefore a valid email address and a computer with internet access is required.

Description: The Bible tells us that God specially chose each of us to be born and that we are created in His Image. Psalm 139:13-14 tells us, “For You formed my inward parts; you wove me in my mother’s womb. I will give thanks to You, for I am fearfully and wonderfully made; wonderful are Your works, and my soul knows it very well.” All of creation is certainly awe-inspiring, but the workings of the human body, created in the very image of God, are especially jaw-dropping! This anatomy and physiology class will study the intricacy and design of the human body, from DNA and cell creation to the skeletal, muscular, digestive, respiratory, cardiovascular, nervous/endocrine, immune, and integumentary systems. We will integrate health and nutrition information, as well as plenty of scripture and biblical application too. This class will equip students to understand the body (the Temple!) that God gave them! We will

dissect, determine blood types, culture bacteria, and do first aid/ CPR training in this class too! The only required homework will be reading from the textbook, but many supplemental videos and activities will be offered as optional homework each week. Parents will decide what students do at home to learn and solidify information. It will be up to the parent's discretion how to assess student's knowledge of the topics we learn; no tests or homework will be graded in class. Class time will be used to review topics and do hands-on experiments. Join us as we get to know our Creator through the mighty works of His hands!

Science in the Atomic Age

Grades: 6th – 8th

Teacher: Ivory Hitz

Day/Time: Thursdays, 11:00am – 12:20 pm (1 hour 20 min class)

Yearly Tuition: \$200

Supply Fee: \$20

Prerequisite: 6th grade math. The curriculum introduces the following math formulas: area, volume, density and many conversions. It is not a prerequisite to know these prior to taking this class.

Enrollment requirement: 6 minimum, 18 maximum students

Preferred Payment Methods: Cash, Check, and/or CashApp

Textbooks: Berean Builders – Science in the Atomic Age

<https://bereanbuilders.com/ecommerce/product-category/junior-high/science-in-the-atomic-age/>

ISBN: 978-0-9962784-0-9

Other Requirements: Optional: google classroom will be used for supplemental videos. Homework will be handed out in class and also posted in google classroom. Optional: access to Quizlet

Description: This experiment-based science course covers a wide range of topics by describing our current understanding of atoms, molecules, the chemicals that are necessary for life, DNA, and cells. This is a great pre-biology course and a good pre-chemistry course.

What will I learn?

- A current understanding of atoms and molecules,
- the chemicals that are necessary for life,
- DNA and cells and organism, oh my!
- how those organisms relate to one another in populations and communities.

Why should I learn these things?

- In the medical field: understanding proteins in the context of insulin helps in the treatment of diabetes, etc.
- In building & development: our interactions with ecosystems have positive and negative effects.
- In the energy sector: energy production (including nuclear power) and how it affects the biosphere.

How will I learn?

This course is focused on learning through experiments (58 experiments in the book – we will do as many as possible) and other hands-on activities. Dr. Wiles' curriculum is very conversational and easy to read and understand.

Homework/tests?

- Homework consists of daily reading and answering comprehension question(s) as well as studying terms and concepts. Homework will take about 30-45 minutes every day.
- A test for each chapter will be handed out with guidelines for completion. This is a great opportunity for middle schoolers to begin preparing for high school testing. We will discuss and learn strategies for studying for a test. I will not issue grades to students, however, I can support parents in grading homework and tests or make recommendations, as needed.
- If you have any questions or need any accommodations, please feel free to reach out to me.

Pioneer Spirit

Grades: 6th – 8th

Teachers: Paige Lindemann & Kelsey Gunderson

Day/Time: Thursdays, 1:30-2:20

Yearly Tuition: \$200

Supply Fee: \$100

Prerequisite: none

Enrollment requirement: 3 minimum, 12 maximum students

Preferred Payment Methods: Cash, Check, PayPal and/or CashApp

Textbooks: We will not be following a strict curriculum for this course; however, we will be using many book and activity selections from Pioneer Spirit: A Literature-Based Journey through Oklahoma's History. There is no need for parents to purchase the curriculum.

<https://www.pioneerspiritok.com/shop/p/oklahoma-history-curriculum-bundle>

Other Requirements: Valid email address for parents and access to Google Classroom

Description: Pioneer Spirit: Where History Meets Literature, Fine Arts, and Culinary Exploration. Join us on an unforgettable journey through Oklahoma's history in Pioneer Spirit, a year-long course that blends literature, hands-on learning, and real-world experiences. In this course, we'll walk the Trail of Tears with Native Americans, forge rivers alongside pioneers, soar with Wiley Post, and experience the world of America's greatest baseball legend, Mickey Mantle. We'll dive deep into the stories, lives, and legends that shaped the state we proudly call home. Throughout the year, students will engage in lively readings, interactive class activities, and optional field trips to bring history to life. Outside reading assignments will be required to allow for in-class projects focused on handicrafts, learning traditional trades, and preparing meals from different time periods. In addition, students will "become history" by researching and embodying Oklahoma legends in our living and occasionally singing history museum. The goal of Pioneer Spirit is not just to learn about history but to live it—by reading about it, recreating it, and visiting the places where history was made. Below is a sample list of the books (with the Lexile reading levels) we will be reading over the course:

6th to 8th Grade Reading Levels = 950-1160

- Killers of the Flower Moon (Young Reader Edition) = 1090
- The Legend of Bass Reeves= 950
- Wiley Post Fearless Flight= Unmeasured due to age; Estimated 900
- Will Rogers Young Cowboy= Unmeasured; Estimated 600
- Childhood of Famous Americans Jim Thorpe= 550
- Who Was Maria Tallchief = 740
- Soft Rain= 650

**It is unavoidable that sensitive subjects will arise during this course as we read historical and historical fiction books. Our goal is to acknowledge history for the way it really was and not glaze over the past. However, we will not be discussing any sensitive subject in-depth and will always defer to parents to help the student cope with these very difficult topics.*

WriteShop I

Grades: 7th- 9th

Teacher: Copper Webb

Day/Time: Thursdays, 1:30 – 2:20 pm

Yearly Tuition: \$240

Supply Fee: \$20

Prerequisite: Students must be able to identify and write complete sentences. Students must be able to identify the eight parts of speech: nouns, pronouns, verbs, adjectives, adverbs, prepositions, conjunctions, and interjections.

Enrollment Requirement: Minimum 4; Maximum 12 Students

Preferred Payment Method: Cash, Check, and/or CashApp

Textbook: *WriteShop I Student Workbook 5th Edition*, Author: Kim Klutzier and Debra Oldar, Cost: \$62.00 for print book or \$44.00 for digital download.

Copying and Dictation Exercises for WriteShop I, Author: Kim Klutzier and Debra Oldar, Cost: \$8.00 for print book, \$6.00 for digital download.

<https://store.demmelearning.com/pages/writeshop>

Other Requirements: Students must have their own valid email address and access to Google Classroom. Students must be able to type and print homework assignments.

Grading: Final compositions from each unit will be graded.

Description: This class teaches students to write descriptive, informative, and narrative compositions. Students will use their observations and experiences to write strong, well-developed paragraphs that include complex sentences of varying lengths. Working independently, students are given clear objectives and tools that will help improve brainstorming, writing, and self-editing skills.

High School History 1840 - 1991:

Grades: 8th – 10th

Teacher: Lisa Beth Hutchins

Day/Time: Thursdays, 12:30 -1:20 pm

Yearly Tuition: \$200

Supply fee: \$30

Prerequisite: Preference given to students enrolled in Early Modern History (2024/2025)

Enrollment Requirement: minimum 3; maximum 12 students

Preferred payment methods: Cash, Check, PayPal, and/or CashApp

Textbooks:

- The Story of the World, Volume 4: The Modern Age by Susan Wise Bauer (required) <https://www.christianbook.com/hardcover-vol-4-modern-story-world/susan-bauer/9781945841897/pd/841897?event=Homeschool|1004785>
- Across Five Aprils by Irene Hunt (required) <https://www.christianbook.com/across-five-aprils-irene-hunt/9780425102411/pd/102416?event=BRSRCG|PSEN>

- Geography Songs (may be purchased or found on YouTube)
<https://www.christianbook.com/geography-songs-volumes-1-3/9781883028206/pd/302826?event=BRSRCG|PSEN>

Other Requirements: Access to library/encyclopedias, valid email address, access to Google Classroom

Grading: 8th grade students will receive written feedback without a number or letter grade.

High school students will receive numeric percentage grades which are computed as follows:

- Weekly narrations: 30% of total grade. Narrations submitted in/before class receive 100%, within a week 75%, within two weeks 50%, within three weeks 25%, after three weeks 0%.
- Geography quizzes: 25% of total grade. Grades assigned based on correct answers with opportunities for earning bonus points by submitting map drawings/tracings.
- Historical fiction narrations: 25% of total grade. Grades given on the same criteria as weekly narrations above.
- Timeline quizzes: 10% of total grade. Grades assigned based on correct answers.
- Presentations: 10% of total grade. Presentations are given 100% unless the student is not prepared, in which case the grade will be determined after a conference with the student and a parent.

Description: This class will study history from the Victorian Era (c. 1840) to the fall of the USSR (c. 1991) and world geography. Each week reading will be assigned, and a written narration of the reading is required. Quizzes of world geography and important dates will be administered. Students will be required to give presentations/teach lessons twice a semester (once/semester for 8th graders). We will also look at art, poetry, and music of the period, committing some works to memory.

Introduction to Logic

Grades: 8th- 12th

Teacher: Copper Webb

Day/Time: Thursdays, 11:00 – 11:50 am

Yearly Tuition: \$200

Supply Fee: \$25

Prerequisite: none

Enrollment Requirement: Minimum 4; Maximum 20 Students

Preferred Payment Method: Cash, Check, and/or CashApp

Textbook: Introduction to Logic (student edition), Author: Jason Lisle, ISBN-13: 9781683441489 Publisher: Masterbooks

<https://www.masterbooks.com/introduction-to-logic>

Other Requirements: Students must have their own valid email address and access to Google Classroom.

Grading: Grading will be based on quizzes and tests.

Description: Who knew Logic class could be so fun? This class introduces the principles of correct reasoning from a Christian perspective and with a lot of laughter. Students will learn to understand how logic is different from other areas they might have conflated it with (like science, or stoicism) and they'll see how God is pro-reason and how logic intersects with what we know of God through His Word. This class will cover the basics of inductive and deductive reasoning, if the Christian faith is illogical, syllogisms, and other foundational concepts before examining

specific informal logical fallacies. *Parents of 8th Graders should be aware that this class is taught at a high school level.*

Study Hall (Three Time Options- can sign up for all)

Grades: 7th – 12th Grades AND adults

Teacher: NONE- mom helpers will rotate managing the classroom

Day/Time: Thursdays, 9:00-9:50 am, 10:00-10:50 am, 12:30-1:20 pm

Yearly Tuition: NONE

Supply Fee: NONE

Enrollment Requirement: Minimum 5; Maximum 20 students

Description: These hours are set aside for the use of a quiet study hall. There will always be TWO mom helpers assigned to be present in the room to ensure that the rules are being followed and to maintain order in the classroom. Students are welcome to work in small groups but must be quiet and respectful of others in the classroom. Students do not need to remain in the class for the full duration of the study hall, but we ask that they do not come-and-go disrupting others. This study hall is also open to any parents that would like to secure an hour of solitude. If you have younger children that are not in class during the study hall hour you enroll in, you must make arrangements for another parent to monitor them in your absence. Please note that students under 7th grade are not permitted in the study hall.

Exploring Creation through Physical Science:

Grades: 8th-12th

Teacher: Ivory Hitz

Day/Time: Thursdays, 9:00-10:20 am (1 hour 20 min class)

Yearly Tuition: \$200

Supply fee: \$35

Prerequisite: Recommend concurrently taking pre-algebra. Science is the application of math; we will do math in this science class.

Enrollment Requirement: Minimum 6; Maximum: 18 students

Preferred Payment Methods: Cash, Checks, and/or CashApp

Textbooks: I have already purchased the books. The supply fee covers this cost.

Apologia – Exploring Creation through Physical Science, EDITION 2 by Dr. Jay Wile

Other Requirements: Optional: Google Classroom will be used for supplemental videos.

Homework will be handed out in class and also posted in Google Classroom. Optional: access to Quizlet

Grading: If parents desire, I can issue grades to students, or I can support parents in grading homework and tests or make recommendations, as needed.

Description: Laboratory-based science course introduces the properties of matter, atomic structure, the periodic table, chemical bonds, reactions, motion, forces, energy, waves, sound, light, electricity, magnetism, Earth's structure, weathering, atmosphere, chemistry and physics in the life sciences, and finally physical science research. Students will begin to learn to write and complete lab reports and hands-on projects throughout the course for an immersive learning experience with practical application. This course is focused on:

- Engaging experiments (48 experiments in the book – we will do as many as possible).
- Independent study - Dr. Wiles curriculum is very conversational and easy to read and understand.

- Comprehension questions to ensure student has understanding of concept not just knowledge.

This is a great pre-chemistry and pre-physics course.

Homework/tests?

- Homework consists of daily reading and answering comprehension question(s) as well as studying terms and concepts. Homework will take about 30-45 minutes every day.
- A test for each chapter will be handed out with guidelines for completion. We will discuss and learn strategies for studying for a test.
- If you have any questions or need any accommodations, please feel free to reach out to me.

HS Beginner German I

Grades: 9th – 12th (8th with teacher approval only)

Teacher: Janine Deal

Day/Time: Thursdays, 1:30 – 2:20 pm

Yearly Tuition: \$200

Supply Fee: \$55 (includes textbook and workbook)

Prerequisite: None

Enrollment Requirement: Minimum 6; Maximum 16 students

Preferred Payment Methods: Check, CashApp, and/or PayPal

Textbook: "Deutsch Aktuell" Level 1 provided by Carnegie Learning

<https://www.carnegielearning.com/samples/or-wl/deutsch-aktuell/#intro> Required.

Teacher will provide printed materials (Textbook binder and Student Workbook binder) on the first day of class; printing and binder costs are accounted for in the supply fees

Other Requirements: valid email address for Google Classroom

Grading: weekly or every other week vocab and grammar quizzes, participation, year-end final cultural project, mid-term and final test (fill-in-the blank and multiple choice)

Description: This is an introductory German language class for beginners. I am a native German and intend to teach both through immersion and academic textbook and workbook instruction. This beginner-level course is designed for high school students who are new to learning German as a second language. Students will develop foundational skills in speaking, listening, reading, and writing while exploring the basics of German grammar, vocabulary, and sentence structure. Emphasis will be placed on practical communication, such as greetings, introductions, describing daily activities, and expressing preferences. In addition to language instruction, students will gain insight into German culture, traditions, and geography through engaging activities. By the end of the course, students will be able to understand and participate in simple conversations and read and comprehend basic texts in German. This class provides a supportive and interactive environment for students to build confidence as they begin their journey into the German language. The intent is to offer German 2 next school year, for those families who desire two years of foreign language.

Worldview: Apologetics:

Grades: 9th – 12th

Teacher: Copper Webb

Day/Time: Thursdays, 12:30 – 1:20 pm

Yearly Tuition: \$140

Supply fee: \$20

Prerequisite: None

Enrollment Requirement: minimum 4; maximum 20 students

Preferred payment methods: Cash, Check and/or CashApp

Requirements: Students must have a valid email address and access to Google Classroom.

Textbooks: Understanding the Times: Apologetics Student Textbook and Student Workbook published by Summit Ministries

Please Note: The Foundations 4-year curriculum is currently being revamped, with Apologetics being released for the 2025/26 school year. Direct links for purchasing the curriculum will be provided when available. The cost for the student textbook and the student workbook will be approximately \$50.

You may preview the curriculum here: <https://www.summit.org/educators/high-school-samplers/>

Grading: Grading is based on class participation and is Pass/Fail.

Description: This class presents the importance of evangelism and apologetics and how to respond to common objections to a biblical worldview. We will cover the following:

- the Bible's trustworthiness and metanarrative
- the Christian's calling to evangelism and apologetics
- Faith in a pluralistic and skeptical age
- Biblical responses on the topics of science, evil, hell, violence, and gender

Speech and Debate Club:

Grades: 7th – 12th

Teachers: Copper Webb & Heather Craig

Day/Time: Thursdays, 2:30 – 3:50 pm

Yearly Tuition: FREE

Supply fee: \$20

Prerequisite: If students are participating in debate, it is highly recommended that they be currently enrolled in Logic or have previously taken Logic.

Enrollment Requirement: minimum 2; maximum 25 students

Preferred payment methods: Cash, Check and/or CashApp

Requirements: While there is no tuition required for this class, participating families must become members of NCFCA (**\$160/family/year**). *Families are responsible for all fees and costs associated with tournament participation.*

Textbooks: Curriculum is not required, but many families choose to purchase at-home support materials for their students. Suggested resources will be provided before the school year.

Grading: n/a

Description: CHEER will host an independent National Christian Forensics and Communications Association (NCFCA) Speech & Debate Club. Students will compete in online and in-person tournaments.

NCFCA helps teens learn real-world communication skills that equip them for life. Students who engage become poised speakers, curious researchers, and resilient advocates for a biblical worldview. Students build wisdom and character from constructive feedback and develop the critical thinking abilities necessary to understand and speak into our culture with compassion and integrity.

Learn more about NCFCA here: <https://ncfca.org>

For recordings of NCFCA competitions, go here:

<https://www.youtube.com/@NCFCASpeechDebate>

Since this is a club, not a class, parents should expect to be involved in weekly club meetings, at-home prep, and tournament judging. Coaching will be provided for Limited Prep, Interpretation, and Platform speech categories, as well as Team Policy debate.

August - December will focus on training and preparation. January - June is NCFCA competition season. At minimum, club members will be expected to participate in one Oklahoma tournament and select online tournaments. Additional tournament participation will be up to the discretion of each family/debate team.

Please note: Middle school students who desire to participate in JA BizTown and Speech may be enrolled in both (participating every-other-week), but please talk with Copper Webb before registering. Due to the time commitment required, middle school students cannot participate in JA BizTown and Team Policy Debate.

Photography

Grades: 8th -12th

Teacher: Amy Schuff

Day/Time: Thursdays, 1:30 – 2:20 pm ***FALL ONLY***

SEMESTER Tuition: \$150

Supply Fee: \$20

Prerequisite: None

Enrollment Requirement: Minimum 8; Maximum 20 students

Preferred payment methods: Cash, Check, and/or CashApp

Textbooks: Adobe Lightroom Classic is required. Photoshop optional.

<https://www.adobe.com/products/photoshop-lightroom/plans.html>

Other Requirements: Access to Google Classroom, a working camera dslr with lens (50mm 1.8f preferred), memory cards, laptop to bring to class each week, and access to Adobe Lightroom Classic.

Grading: Grading will be based solely on participation and effort. If your student takes photos and uploads them for the class to see, then they get a passing grade! In class, students will rely heavily on their completed weekly homework assignment. There will be opportunities to do homework in class, make up homework and do extra credit.

Description: This course is geared towards the beginning photographer. We will start with how to use your camera and by the end of the semester, your student will be taking technically sound photos and know how to edit them in Adobe Lightroom, (Adobe Photoshop can be used by the experienced photographer.) We will also learn how to constructively critique our own work and each other's with a desire that everyone would reach their photography goals. With this being just a one semester class, it will be fast paced with students picking up their cameras every single week to learn as much as they can!

High School Yearbook:

Grades: 9th – 12th (8th grade by permission) ***Priority will be given to previous Yearbook students***

Teacher: Heather Craig

Day/Time: Thursdays, 1:30- 2:20, ***SPRING ONLY***

SEMESTER Tuition: \$125

Supply Fee: \$25

Prerequisite: None

Enrollment Requirement: minimum 5; maximum 12 students

Preferred Payment Methods: Cash, Check, and/or PayPal

Textbooks: No curriculum will be necessary. Students will be given a login and password for the Josten's site. Students will be required to watch how-to videos from the Josten's site to learn how to design and edit within the Josten's website.

Other Requirements: Students must have a laptop that they can bring to class every week and a valid email address.

Grading: Grading will be based on participation and deadlines and will be pass/ fail.

Description: Students will learn how to design and edit pages for the yearbook to create the 25-26 CHEER Yearbook. They will also learn how to edit photos, crop and get the most use out of the space given. Students will also interview and get quotes from teachers and students about classes and activities. Students may also be required to take pictures from time to time, but not often.

High School Biology Lab:

Grades: 9th -12th

Teacher: Ronee Jordan

Day/Time: Thursdays, 9:00 – 10:50 am *EVERY OTHER WEEK*

Yearly Tuition: \$240

Supply fee: \$40

Prerequisite: None

Enrollment Requirement: Minimum 2; Maximum 16 students

Preferred payment methods: Cash, Check, PayPal and/or CashApp

Textbooks: - We will be using Guest Hollow curriculum. No downloads needed. No further purchases are necessary. Direct links to chapters used will be provided each week.

<https://guesthollow.com/high-school-biology-online-textbook/>

Requirements: Access to Google Classroom, Laptop, tablet, or cell phone to access curriculum, Internet or cell service access

Grading: Lab grades will be based upon homework completion, preparation for each lab, lab participation, lab notes, and written lab reports. Grades will remain current and available on Google Classroom.

Description: This course is a High School Biology Course with Lab based on the Guest Hollow High School Biology (Christ-centered and Creationist-based) curriculum available for FREE from GuestHollow.com. They have taken the well-known and rigorous CK-12 biology textbook and edited it (thanks to a Creative Commons license) to fit a Christian creationist perspective. We will perform several experiments to support the key elements of each chapter. This class will be both the full course and lab with all grading included. Your student will be expected to come to class prepared, having read and observed the material in their “textbooks” prior to class. Class time will be spent discussing the material as it relates to the experiments, performing the experiments, recording notes and observations, as well as writing comprehensive formal lab reports (one each semester). A checklist of the coursework itself will be provided through Google Classroom to help keep students on track. Assistance and clarification can also be provided by me between labs through Google Classroom. All parents are given access to GC to monitor progress, communication, and grades. Topics covered include cellular function, Genetics

& DNA, classification, Creation vs Theory of Evolution, micro-organisms, plant & animal classification. Instruction will include knowledge & use of microscopes. Experiments will also include specimen dissections (this portion will be done with lab partners so if there is a HIGH sensitivity to this portion, arrangements can be made to be included & participate but not have to DIRECTLY dissect.) My desire is to make this potentially cost-prohibitive course more reasonably affordable without sacrificing the integrity of the course quality. Let us make the mess FOR you! Tuition and Supply Fee covers EVERYTHING. No further purchases will be necessary!!

HS Anatomy & Physiology

Grades: 9th -12th

Teacher: Susie Baxter

Day/Time: Thursdays, 9:00-10:50 am *EVERY OTHER WEEK*

Yearly Tuition: \$260

Supply fee: \$40

Prerequisite: none

Enrollment requirement: minimum 4; maximum 16 students

Preferred Payment Methods: Cash, Check, PayPal and/or CashApp

Textbooks:

- *Wonders of the Human Body Vol. 1* by Dr. Tommy Mitchell & Dr. Elizabeth Mitchell, published by New Leaf Publishing Group, LLC, ISBN-13: 9781683442776
- *Wonders of the Human Body Vol. 2*, by Dr. Tommy Mitchell & Dr. Elizabeth Mitchell, published by New Leaf Publishing Group, LLC, ISBN-13: 9781683442783

Requirements: Google Classroom will be used for communication and links to websites and videos for class, therefore a valid email address and a computer with internet access is required.

Grading: Grades will be given based on four components: Class participation (10%), Homework completion (20%), Lab Reports (30%), and Tests (40%).

Description: High school students will discover God's awe-inspiring work in the Wonders of the Human Body Volumes 1 & 2. Both are written to reveal the wonder of God and the authority of His written word. Students will explore the musculoskeletal, cardiovascular, respiratory, nervous, and digestive systems, metabolism, and special systems which include the blood, lymphatic, immune, urinary, endocrine, and integumentary systems. Students will also discover the problems that occur when our bodies are damaged by disease or injury. **We will not cover the reproductive system, although this topic is covered in one of the textbooks. I encourage families to use the text to cover this topic at home, in your own manner and timing that you feel is best for your family.* Homework will be reading the text, writing one lab report per semester, labeling body parts, and taking tests. Class time will be spent reviewing topics from the textbooks, performing labs related to the reading, and learning to take notes during a science class. Join me on a journey to "Know that the Lord is God. It is he who made us, and we are his." Psalm 100:3a

High School Composition and Literature Study

Grades: 9th – 12th

Teacher: Julie Cox

Day/Time: Thursdays, 11:00 – 11:50 am

Yearly Tuition: \$300

Supply Fee: \$20

Prerequisite: Students need to have a basic understanding of grammar rules (capitalization, punctuation, spelling, sentence structure, etc.) and should have had either a previous writing class or previous writing experiences.

Enrollment Requirement: Minimum 5; Maximum 12 students

Preferred Payment Methods: Cash, Check

Textbook:

- How to Read Slowly by James W. Sire (required)
- An Experiment in Criticism by C.S. Lewis (required)
- The Hobbit by J.R.R. Tolkien (required)
- Hard Times by Charles Dickens (required)
- Pride and Prejudice by Jane Austen (required)

Here is a list of the short stories and fairytales I am considering for this course:

- "Beauty and the Beast" (Grimm Brothers)
- "The Fisherman and His Wife" (Grimm Brothers)
- "Cinderella" (Grimm Brothers)
- "The Little Match Girl" (Hans Christian Andersen)
- "The Necklace" (Guy de Maupassant)
- "The Garden Party" (Katherine Mansfield)
- "How Much Land Does a Man Need" (Leo Tolstoy)
- "Adventures of a Shilling" (Joseph Addison)
- Selections from "Just So Stories" (Rudyard Kipling)

Other Requirements: none

Grading: Grades will be issued for this class based on both homework completion and writing assignment evaluations. I will grade the writing assignments based on a rubric which will be given to the students prior to completing each writing assignment.

Description: Composition and Literary Analysis is a class on both how to read and write well. I will be using the ideas presented in IEW's Windows to the World curriculum along with How to Read Slowly by James W. Sire and An Experiment in Criticism by C.S. Lewis as the spine of this course. We will read a combination of short stories, fairytales, poetry and novels as we learn how to understand literature more deeply. We will become familiar with a variety of literary devices and techniques, and we will learn how to communicate our thoughts and ideas about what we are reading through a variety of writing assignments. Writing assignments will include literary analysis essays, creative writing, poetry analysis assignments, compare and contrast essays, and narrative essays. Our class time will consist of both discussion and lecture. Students will be expected to take notes on the lecture portion of the class and to participate in the discussion portion. Homework will consist of both reading the assigned material and completing the various writing assignments throughout the year. Students can expect to have 2-3 hours of homework to complete for this class each week. My hope is that through this class students will discover the joy of being able to read and understand literature more fully and deeply while growing in their ability to communicate their thoughts and ideas through writing. Please note that the Windows to the World curriculum is not required, and I will be providing copies of the short stories and fairy tales to the students.

Introduction to Programming

Grades: 9th – 12th (8th with teacher approval)

Teacher: Joshua Gonzales

Day/Time: ONLINE ONLY- online + asynchronous, full year

Yearly Tuition: \$200

Supply Fee: none

Prerequisite: Algebra 1

Enrollment requirement: 1 minimum, no maximum of students

Preferred Payment Methods: Cash, Check, and/or CashApp

Textbooks: No required curriculum for this class, learning + lectures will be through videos I make and resources I provide for free.

Requirements: Valid email address, access to Google Classroom, and a computer required for this class. For computers, it does not need to be robust to work for this class, but it should probably be a supported operating system (At least Windows 10, macOS 12, etc). For this class, videos and examples will mostly be done using Windows, so a Windows machine is preferable if possible. Use Linux and Chromebooks at your own risk, they will be more difficult to use if you don't already know what you're doing!

Grading: Grading is based on participation in quizzes, programming labs with predetermined designs to test the knowledge learned that week in class, and end-of-semester projects that serve as finals that bring all your knowledge learned so far together. Additionally, there is a portion of the grade that I assess based on effort and learning observed throughout the class. Grading is assessed on a points basis, with quizzes, labs, and projects totaling 1000 points for the whole class. The extra grade assessed for effort and learning is an extra 50 points awarded at the end of the year. The end of year letter grade is the normal American scale of 90%-100%+ is an A, 80%-89% is a B, and so on.

Description: Welcome to Introduction to Programming! As students, you will learn the basics of programming from a total beginner's standpoint, building from the ground up and applying what was learned in weekly labs, and end-of-semester projects. In the fall semester, this knowledge will be applied in Python, a tried-and-true coding language. Python is perfect as a first coding language for its simplicity and approachability for beginners. Additionally, we'll be going over a little bit of the history of coding and some best practices, making this half of the class still useful if you already have some understanding of coding and python. The spring semester we'll be using Java, a more robust language that Universities often use as an introductory coding language. This semester will help to solidify students' understanding of coding and prepare them for further programming courses and learning. The whole of this course is designed as an introduction for high schoolers who may or may not want to code in the future. Programming is all over many industries, including some that have nothing to do with software engineering. This will lay a foundation for programming knowledge that students can take with them to any of those industries. If your student is thinking about something more engineering oriented, this is a great class to prepare them for future concurrent or college courses they'll take later.

Web Design (HTML/CSS)

Grades: 9th – 12th

Teacher: Maegan Gonzales

Day/Time: ONLINE ONLY- online + asynchronous, *FALL ONLY*

Semester Tuition: \$100

Supply Fee: none

Prerequisite: none

Enrollment requirement: 1 minimum, no maximum of students

Preferred Payment Methods: Cash, Check, and/or CashApp

Textbooks: <https://youtu.be/G3e-cpL7ofc?si=V5v7-Y-Vfs-vk6IW>

This will be where the base lectures are from. The assignments/quizzes/projects will be made and graded by Maegan. She has personally watched and finished all the lessons in this video lecture before. It is PG-rating and meets CHEER guidelines and is very detailed. Plus, if the student/parents want to, there is an optional opportunity to earn a valid certification in HTML/CSS from this course!! The students should be able to pass the certification test by the end of the semester. (It is not required since it costs money to get the certification; however, Maegan will let the students/parents know it exists later in the semester, and they can decide if it is worth earning!)

Requirements: Students will need access to a computer, internet, and Google account for Google classroom/email.

Grading: The class will be based on 1000 points. There will be quizzes made by the teacher worth a total of 150, practice lessons from the video lecture for 150 participation points, Assignments/Labs made by the teacher for a total of 500 points, and a personal project for the final for 200 points.

- Quizzes:150
- Lesson practice (participation): 150
- Labs/Assignments: 500
- Personal Project (Final): 200
- Total: 1000 points
- Bonus points: 50 points

Their final grade will be the total number of points earned divided by the total number of points possible so an A would be 900 points earned or higher or $900/1000 = 90\%$, B: $800/1000=80\%$, C: $700/1000= 70\%$ etc.

Description: This is a one-semester course with no prerequisite requirements. The class will be asynchronous and completely online. Students will use Google classroom to interact with the lesson plan, submit their assignments, and view their grade. The class is about front-end computer development. Students will learn how to use the languages HTML and CSS. By the end of the course, they should be able to make a basic website or graphical user interface.

High School Physics:

Grades: 10th-12th

Teacher: Greg Baxter

Day/Time: **TUESDAYS** 4:00 – 5:30 pm

Location: **Baxter Home** 4012 S Tamarack Ave, Broken Arrow, OK 74011

Yearly Tuition: \$280

Supply fee: \$30 per child

Prerequisite: Algebra 1 (required, no exceptions), Geometry and/or Algebra 2 (preferred, but ok if concurrently studying)

Enrollment Requirement: Minimum 2; Maximum 8 students

Preferred payment methods: Cash, Check, PayPal and/or CashApp

Textbooks: Exploring Creation w/ Physics (2nd Edition) Textbook by Dr. Jay L. Wile (Apologia) ISBN-13: 9781946506597

Other Requirements: Google Classroom will be used for communication and for posting additional material for class, therefore a valid email address and a computer with internet access is required.

Grading: Grades will be given based on four components: Class participation (10%), Homework completion (20%), Lab Reports (30%), and Module Tests (40%)

Description: Physics should not generate scary imaginings of academics meant only for the super-smart. Physics is all around us as the language of Creation, showing us the world as God designed it. As Psalm 19:1 reminds us, “The heavens declare the glory of God; the skies proclaim the work of his hands. Day after day they pour forth speech; night after night they display knowledge.” When we study physics, we learn more about God’s creation and the laws he established on this earth. Studying physics will not only help you to cultivate problem-solving skills but also to understand the rich history of seeking to understand the world around us.

This college-prep physics course is designed for the student who has completed Algebra 1 and has had an introduction to the definitions of sine, cosine, and tangent (for questions or help regarding prerequisites, please contact Mr. Baxter). This course provides a detailed introduction to the methods and concepts of general physics. Heavily emphasizing vector analysis, this text is ideal preparation for a university-level physics course. It provides the student with a strong background in one-dimensional and two-dimensional motion, Newton's laws and their application, gravity, work and energy, momentum, periodic motion, waves, optics, electrostatics, electrodynamics, electrical circuits, and magnetism. This is a very beneficial class for any student looking to study any kind of math, science, or engineering in college. However, physics is for any student who seeks to discipline their minds, to learn good problem-solving skills, and to put into context some of the great historical figures that were typically enriched with biblical foundations. Homework will include reading from the textbook, answering module questions, writing Lab Reports and taking tests. Class time will be used to perform Labs, answer any questions students have from their reading, and prepare for the bi-weekly tests. Google Classroom will be used for communicating throughout the semester. Parental involvement: Physics cannot successfully be taught in one class period per week, especially since most of the time will be spent doing the Labs. It is crucial that parents are involved during the week with their student. It is OK if you don’t understand Physics!! I will provide reading assignments to prepare students for the Lab work each week, and we will review for the tests in class. I will grade the tests and Lab Reports. I will be available to answer questions during the week, so PLEASE don’t hesitate to contact me outside of class. Parents just need to make sure that they are overseeing the students during the week- making sure that the reading assignments are done and that the students are understanding what they are reading each week. Please ENCOURAGE your student to ask for help or ask questions! This is wise practice for college! Parents are always welcome to stay at our house during the class but are not required to. There is plenty of seating at our house for you to bring quiet work to do or to listen in on the Physics class. We just ask that you be a silent observer and/or that any tasks you do are quiet ones. One final note- Albert Einstein said, “The more I study science, the more I believe in God.” Studying Physics isn’t easy, but it will equip students to see God’s creation in ways they might not see it, if they missed this opportunity. Studying Physics can only lead to believing that this world was created by an Almighty God!

