

2022-2023 Secondary Class Descriptions

SCIENCE COURSES

APOLOGIA GENERAL SCIENCE

Time: All year 1:15 – 3:00

Grade level: 7th and 8th Grade

Prerequisites: Students should be able to write a paragraph and keep up with the quick pace of this curriculum

Homework: 4-5 hours a week for textbook work and lab write-ups.

Textbook/Supplies required:

- [Exploring Creation with General Science 3rd Edition](#), Textbook by Apologia
- [Exploring Creation with General Science 3rd Edition](#), Solutions and Test Manual

Class fee: TBD

Class Description: This course is specifically designed to be the first course taken during junior high. It was created to give middle school students an understanding of the basic world that surrounds them each day of their lives so that they can appreciate the real-world relevance of scientific inquiry and the beauty of creation. This course offers both lab and textbook support for Apologia General Science students. A syllabus is provided at the start of the course and each week there is a combination of lecture, labs, discussion, and review. Each week 1-2 labs are performed. Pre-lab write-ups are due the day of the lab, and the final write-ups are due the week after the lab; both of these are completed at home. Students take tests provided by the teacher at home for the fall semester. Tests are taken at co-op during the spring semester.

Expectations/Notes:

- **Absences:** Students are responsible for initiating and performing make-up labs at home. If a student misses a week, completed assignments for both the missed week and the current week must be supplied the week immediately after the absence. Students **MUST** stay up to date on assignments to stay in the class.
- **Late Work:** Assignments turned in one week late will have 15% taken off, two weeks late 50%. Assignments turned in after two weeks late will not be graded.
- Students complete daily reading, on-your-own questions, and study guide questions at home and bring the completed assignments to class.
- During the class, students are asked to answer the homework questions.
- Every other week, students take a module test.

Parent Role: Parents should read each assignment sheet, structure the time and place for completing assignments, offer assistance as needed, verify that each assignment has been completed and check the accuracy of the OYO and Study Guide answers. Parents should consistently help their child achieve the stated unit goals by supervising study, discussing content as may be necessary, and by communicating with the teacher if difficulties should arise. *Parents need to closely monitor for understanding of content.*

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Grading: Grades are given every 7 weeks and are based on the above items. A lecture grade and a lab grade will be provided.

BEREAN BUILDERS EARTH SCIENCE

Time: All year 1:15 – 3:00

Grade level: 8th Grade and above

Prerequisites: Students are expected to have completed Exploring Creation with General Science (or an equivalent).

Homework: 5-6 hour a week for textbook work and lab write-ups.

Textbook/Supplies required:

- [Berean Builders Discovering Design with Earth Science Set](#) (Textbook and Answer Key & Tests)

Class fee: TBD

Class Description: This course covers the general properties of the earth's geosphere, hydrosphere, and atmosphere. Students learn about all the sections of the geosphere (such as core, mantle, crust, etc.) and then they study each in more detail. Students learn about all the sections of the geosphere (such as core, mantle, crust, etc.) and then they study each in more detail. The atmosphere is then discussed, including the composition of air, the sections of the atmosphere, temperature gradients, and pollutants. This leads to a discussion of weather. The course ends with two chapters on space, one that covers the solar system and one that covers the universe as a whole. This course offers both lab and textbook support for Berean Builders Earth Science students. A syllabus is provided at the start of the course and each week there is a combination of lecture, labs, discussion, and review. Each week 1-2 labs are performed. Pre-lab write-ups are due the day of the lab, and the final write-ups are due the week after the lab; both of these are completed at home. Successful completion of Earth Science earns 1 high school lab science credit.

Expectations/Notes:

- **Absences:** Students are responsible for initiating and performing make-up labs at home. If a student misses a week, completed assignments for both the missed week and the current week must be supplied the week immediately after the absence. Students MUST stay up to date on assignments to stay in the class.
- **Late Work:** Assignments turned in one week late will have 15% taken off, two weeks late 50%. Assignments turned in after two weeks late will not be graded.
- Students complete daily reading, on-your-own questions, and study guide questions at home and bring the completed assignments to class.
- During the class, students are asked to answer the homework questions.
- Every other week students take a module test.

Parent Role: Parents should read each assignment sheet, structure the time and place for completing assignments, offer assistance as needed, verify that each assignment has been completed and check the accuracy of the OYO and Study Guide answers. Parents should consistently help their child achieve the

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stated unit goals by supervising study, discussing content as may be necessary, and by communicating with the teacher if difficulties should arise. *Parents need to closely monitor for understanding of content.*

Grading: A lecture grade and a lab grade will be provided. Grades are given every 7 weeks and are based on the above items.

APOLOGIA BIOLOGY

Time: All Year 1:15-3:00

Grade level: 9th Grade and above

Prerequisites: Students are expected to have completed General Science and Physical Science or the equivalent.

Homework: 1.5 – 2 hours daily for textbook work and lab write-ups.

Textbook/Supplies required:

- [Exploring Creation with Biology 3rd Edition and 3rd Edition Solutions and Test Manual Apologia 3rd Edition](#)
- lab notebook with graph paper, colored pencils
- Internet access - Supplemental assignments and websites requiring Internet access will be assigned. Inform the teacher if your family does not have Internet access.

Class fee: TBD

Class Description: The course includes a heavy emphasis on the vocabulary of biology so that students are properly prepared to have scientific discussions; a strong background in the scientific method so that students are trained for laboratory sciences in other high school science courses, as well as university studies; labs that cover experimentation, field studies, microscopy, and dissection; and an introduction to classification, biochemistry, cellular biology, molecular and Mendelian genetics, evolution, ecosystems, and much more.

This course offers textbook and lab support for Apologia Biology students where the students conduct the experiments listed in the textbook. A syllabus is provided at the start of the course and each week there is a combination of lecture, discussion, labs and review. Students gain hands-on experience with microscope use and dissection techniques. Each week, 1-3 labs are performed; equaling 45 throughout the year. Pre-lab write-ups are due the day of the lab, and the final write-ups are due the week after the lab; both of these are completed at home. Students record their findings on graph paper with colored pencils during the lab. Additional coursework may include 2 field studies and 1 opinion paper. Both Honors and Traditional tracks are offered in Biology. Successful completion of this course earns 1 high school lab science credit.

Expectations/Notes:

- **Absences:** Students are responsible for initiating and performing make-up labs at home. If a student misses a week, completed assignments for both the missed week and the current week must be supplied the week immediately after the absence. Students **MUST** stay up to date on assignments to stay in the class.
- **Late Work:** Assignments turned in one week late will earn a maximum grade of 50%. Assignments turned in two or more weeks late will not be graded.
- Students complete daily reading, on-your-own questions, and study guide questions at home and bring the completed assignments to class.

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- During the class, students are asked to answer the homework questions.
- Every other week students take a module test.

Parent Role: Parents should read each assignment sheet, structure the time and place for completing assignments, offer assistance as needed, verify that each assignment has been completed. Parents should consistently help their child achieve the stated unit goals by supervising study, discussing content as may be necessary, and by communicating with the teacher if difficulties should arise. *Parents need to closely monitor for understanding of content.*

Grading: A lab grade and a lecture grade will be provided. Grades are given every 7 weeks and are based on the above items.

BEREAN BUILDERS CHEMISTRY

Time: All Year 1:15 - 3:00

Grade level: 10th Grade and above

Prerequisites: Students are expected to have completed Biology and Algebra 1.

Homework: 1.5 – 2 hours daily for textbook work and lab write-ups. *It is imperative that you have done your reading before the lab.*

Textbook/Supplies required:

- [*Discovering Design with Chemistry*](#), by Dr. Jay L. Wile Textbook and Answer Key & Tests book
- lab notebook

Class Fee: TBD

Class Description: This course covers fundamental aspects of chemistry such as the classification of matter, atomic structure, spectroscopy, chemical bonding, molecular geometry, physical change, chemical change, stoichiometry, solutions, ideal gases, acid/base chemistry, reduction/oxidation reactions, thermochemistry, thermodynamics, kinetics, and chemical equilibrium. Weaving together concepts and their mathematical applications, the course teaches students how to think as a chemist so they can analyze the major changes that occur in matter. Throughout the course, the student is shown how chemistry reveals the amazing design that exists all around us. From the details of atomic structure to the makeup of the very air that we breathe, chemistry shows us the marvelous handiwork of God.

This course offers both lab and textbook support for Chemistry students. A syllabus is provided at the start of the course and each week there is a combination of lecture, discussion, labs and review. Each week we will do 1-2 labs from laboratory experiments in the textbook. Pre-lab write-ups are due the day of the lab, and the final write-ups are due the week after the lab; both of these are completed at home. Both Honors and Traditional tracks are offered in Chemistry. Successful completion of this course earns 1 high school lab science credit.

Expectations/Notes:

- **Absences:** Students are responsible for initiating and performing makeup labs at home. If a student misses a week, completed assignments for both the missed week and the current week must be supplied the week immediately after the absence.
- Students complete daily reading, on-your-own questions, and study guide questions at home and bring the completed assignments to class.
- During the class, students are asked to answer the homework questions.

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- Every other week students take a chapter test.
- Students MUST stay up to date on assignments to stay in the class.

Parent Role: Parents should read each assignment sheet, structure the time and place for completing assignments, offer assistance as needed, verify that each assignment has been completed. Parents should consistently help their child achieve the stated unit goals by supervising study, discussing content as may be necessary, and by communicating with the teacher if difficulties should arise. *Parents need to closely monitor for understanding of content.*

Grading: A lab grade and a lecture grade will be provided. Grades are given every 7 weeks and are based on the above items.

PHYSICS

Time: All Year 1:15 - 3:00

Grade level: 10th Grade and above

Prerequisites: Students are expected to have completed Biology, Chemistry, Algebra 1, Geometry, and basic Trigonometry.

Homework: 1.5 – 2 hours daily for textbook work and lab write-ups. *It is imperative that you have done your reading before the lab.*

Textbook/Supplies required:

- [*Apologia Exploring Creation with Physics, Second Edition*](#), by Dr. Jay L. Wile Textbook and Solutions & Tests book
- lab notebook

Class Fee: TBD

Class Description: Some important concepts covered in Apologia's high school physics include but aren't limited to: One and two-dimensional motion; Newton's laws and their applications in nature; Work and energy; Electricity; Magnetism; Momentum; Periodic motion; Waves; Optics. In this award-winning homeschool high school physics course, we go into detail but use a conversational style of writing so that students feel as if they are participating in the learning process. When they are finished with the course, students will be able to do things such as: relate velocity, acceleration, time, and displacement; use mathematical equations for one-dimensional motion; understand and apply Newton's Laws; and be able to see the strong connection between math and science.

This course offers both lab and textbook support for Physics students. A syllabus is provided at the start of the course and each week there is a combination of lecture, discussion, labs and review. Each week we will do 1-2 labs from laboratory experiments in the textbook. Pre-lab write-ups are due the day of the lab, and the final write-ups are due the week after the lab; both of these are completed at home. Both Honors and Traditional tracks are offered in Physics. Successful completion of this course earns 1 high school lab science credit.

Expectations/Notes:

- **Absences:** Students are responsible for initiating and performing makeup labs at home. If a student misses a week, completed assignments for both the missed week and the current week must be supplied the week immediately after the absence.

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- Students complete daily reading, on-your-own questions, and study guide questions at home and bring the completed assignments to class.
- During the class, students are asked to answer the homework questions.
- Every other week students take a chapter test.
- Students MUST stay up to date on assignments to stay in the class.

Parent Role: Parents should read each assignment sheet, structure the time and place for completing assignments, offer assistance as needed, verify that each assignment has been completed. Parents should consistently help their child achieve the stated unit goals by supervising study, discussing content as may be necessary, and by communicating with the teacher if difficulties should arise. *Parents need to closely monitor for understanding of content.*

Grading: A lab grade and a lecture grade will be provided. Grades are given every 7 weeks and are based on the above items.

APOLOGIA ANATOMY AND PHYSIOLOGY

Time: All Year 1:15 - 3:00

Grade level: 11th Grade and above

Prerequisites: Students are expected to have completed Biology, Chemistry, and Algebra 1.

Homework: 1.5 – 2 hours daily for textbook work and lab write-ups. *It is imperative that you have done your reading before the lab.*

Textbook/Supplies required:

- [Apologia Advanced Biology: Human Body Textbook](#)
- [Apologia Advanced Biology: Human Body Tests & Solutions Manual](#)
- [Anatomy Coloring Book \(Kaplan Test Prep\) 8th edition by Stephanie McCann and Eric Wise](#)
- lab notebook

Class Fee: TBD

Class Description: This college-prep course provides an advanced study of both the anatomy and physiology of each of the human body's eleven organ systems. Students need to have successfully completed high school biology and chemistry before enrollment into this class.

This course offers both lab and textbook support for Anatomy and Physiology students. A syllabus is provided at the start of the course and each week there is a combination of lecture, discussion, labs and review. Each week we will do 1-2 labs from laboratory experiments in the textbook. Pre-lab write-ups are due the day of the lab, and the final write-ups are due the week after the lab; both of these are completed at home. Both Honors and Traditional tracks are offered in Anatomy and Physiology. Successful completion of this course earns 1 high school lab science credit.

Expectations/Notes:

- **Absences:** Students are responsible for initiating and performing makeup labs at home. If a student misses a week, completed assignments for both the missed week and the current week must be supplied the week immediately after the absence.
- Students complete daily reading, on-your-own questions, and study guide questions at home and bring the completed assignments to class.

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- During the class, students are asked to answer the homework questions.
- Every other week students take a chapter test.
- Students MUST stay up to date on assignments to stay in the class.

Parent Role: Parents should read each assignment sheet, structure the time and place for completing assignments, offer assistance as needed, verify that each assignment has been completed. Parents should consistently help their child achieve the stated unit goals by supervising study, discussing content as may be necessary, and by communicating with the teacher if difficulties should arise. *Parents need to closely monitor for understanding of content.*

Grading: A lab grade and a lecture grade will be provided. Grades are given every 7 weeks and are based on the above items.

LANGUAGE ARTS & HISTORY

7th/8th MIDDLE AGES HISTORY

Time: All year

9:00 – 10:15

Grade Level: 7th/8th Grades

Homework: Students will have daily homework assigned from this class.

Class Fee: TBD

Textbook/Required supplies: In addition to the required books included in the list below, the student's lesson plans will have optional readers scheduled throughout the year.

- [*Mystery of History Volume II: The Early Church and the Middle Ages*](#) first edition. Although a second edition of this book was released in 2021, we believe families can find copies of the first edition. There are significant differences in the two editions, so shop early to find a first edition book.

7th/8th Grade FAMILY READ-ALOUDS

- [*Robin Hood of Sherwood Forest*](#), Ann McGovern
- [*Black Horses for the King*](#), Anne McCaffrey
- [*The Door in the Wall*](#), Marguerite de Angeli
- [*The Great and Terrible Quest*](#), Margaret Lovett

Elegant Essay Writing Students INDEPENDENT READERS

- [*A Single Shard*](#) by Linda Sue Park
- [*The Beggars' Bible*](#) by Louise A. Vernon

Narnia Writing Students INDEPENDENT READERS

- [*The Chronicles of Narnia: The Lion, the Witch, and the Wardrobe*](#), C.S. Lewis
- [*The Chronicles of Narnia: The Voyage of the Dawn Treader*](#), C.S. Lewis
- [*The Chronicles of Narnia: Prince Caspian*](#), C.S. Lewis
- [*The Chronicles of Narnia: The Silver Chair*](#), C.S. Lewis
- [*The Chronicles of Narnia: The Last Battle*](#), C.S. Lewis

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Class Description:

- Using *Mystery of History Vol II: The Early Church and the Middle Ages*, families will read three lessons weekly and discover how God continually reveals himself in this big-picture look at world events from Pentecost (AD 30) to the printing press (1456).
- Students will complete a timeline and create a history notebook with a page for each major event or person, map work, and special activities.
- Many other hands-on projects will reinforce what they are learning about each week in their assignments.
- The class includes family read-aloud books and independent reading books with activities in class to reinforce the reading. Optional extra readers will be listed in the syllabus.
- Students will present an oral report each semester.

Expectations/Notes

- Students will be assigned daily work Tuesday through Friday in the subjects of history, writing, and literature.
- In class on Mondays, the teacher will answer questions about the previous week's work and reinforce what the students have learned through hands-on activities, quizzes/tests, games, discussions and oral presentations. Fine arts are presented in class by the teacher and fellow student's oral reports when it coincides with the history they are studying.
- Students are expected to keep up with assignments and to turn in written assignments on time.
- Absences: If a student misses a week, completed assignments for both the missed week and the current week must be supplied the week immediately after the absence.

Late Work: Assignments turned in one week late will have 15% taken off, two weeks late 50%. Assignments turned in after two weeks late will not be graded.

Parent Role: Parents should read each assignment sheet, structure the time and place for completing assignments, offer assistance as needed, and verify that each assignment has been completed. Parents should consistently help their child achieve the stated unit goals by supervising study, discussing content as may be necessary, and by communicating with the teacher if difficulties should arise. Parents need to closely monitor for understanding of content.

Grading: Students will be graded on their quizzes/tests in class, assignments and maps completed at home, and class participation.

7th/8th RENAISSANCE/REFORMATION HISTORY

Time: All year

9:00 – 10:15

Grade Level: 7th/8th Grades

Homework: Students will have daily homework assigned from this class.

Class Fee: TBD

Textbook/Required supplies: In addition to the required books included in the list below, the student's lesson plans will have optional readers scheduled throughout the year.

- [*Mystery of History Volume III: The Renaissance, Reformation, and Growth of Nations*](#) hardback Student Reader

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If your oldest student is in 7th/8th Grade, read these FAMILY READ-ALOUDS:

- [I. Juan de Pareja: The Story of a Great Painter and the Slave He Helped Become a Great Artist](#) by Elizabeth Borton De Trevino
- [The Hawk That Dare Not Hunt by Day](#) by Scott O'Dell
- [The Shakespeare Stealer](#) by Gary Blackwood
- [Along Came Galileo](#) by Jeanne Bendick

Elegant Essay Writing Students - INDEPENDENT READERS

- [The Queen's Smuggler \(Trailblazer Books Book 2\)](#) by Dave and Neta Jackson
- [Spy for the Night Riders](#) by Dave and Neta Jackson
- [Master Cornhill](#) by Eloise Jarvis McGraw
- [The Witch of Blackbird Pond](#) by Elizabeth George Speare

Narnia Writing Students - INDEPENDENT READERS

- [The Chronicles of Narnia: The Lion, the Witch, and the Wardrobe, C.S. Lewis](#)
- [The Chronicles of Narnia: The Voyage of the Dawn Treader, C.S. Lewis](#)
- [The Chronicles of Narnia: Prince Caspian, C.S. Lewis](#)
- [The Chronicles of Narnia: The Silver Chair, C.S. Lewis](#)
- [The Chronicles of Narnia: The Last Battle, C.S. Lewis](#)

Class Description:

- Using *Mystery of History Vol III: The Renaissance, Reformation, and Growth of Nations*, families will read three lessons weekly to discover how God continually reveals himself as they learn about artists, reformers, explorers, and events from 1455 to 1707.
- Students will complete a timeline and create a history notebook with a page for each major event or person, map work, and special activities.
- Many other hands-on projects will reinforce what they are learning about each week in their assignments.
- The class includes family read-aloud books and independent reading books with activities in class to reinforce the reading. Optional extra readers will be listed in the syllabus.
- Students will present an oral report each semester.

Expectations/Notes

- Students will be assigned daily work Tuesday through Friday in the subjects of history, writing, and literature.
- In class on Mondays, the teacher will answer questions about the previous week's work and reinforce what the students have learned through hands-on activities, quizzes/tests, games, discussions and oral presentations. Fine arts are presented in class by the teacher and fellow student's oral reports when it coincides with the history they are studying.
- Students are expected to keep up with assignments and to turn in written assignments on time.
- Absences: If a student misses a week, completed assignments for both the missed week and the current week must be supplied the week immediately after the absence.

Late Work: Assignments turned in one week late will have 15% taken off, two weeks late 50%. Assignments turned in after two weeks late will not be graded.

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Parent Role: Parents should read each assignment sheet, structure the time and place for completing assignments, offer assistance as needed, and verify that each assignment has been completed. Parents should consistently help their child achieve the stated unit goals by supervising study, discussing content as may be necessary, and by communicating with the teacher if difficulties should arise. Parents need to closely monitor for understanding of content.

Grading: Students will be graded on their quizzes/tests in class, assignments and maps completed at home, and class participation.

ELEGANT ESSAY WRITING & GRAMMAR

Time: All year

10:15-11:30

Grade level: 7th and 8th grade

Homework: Students will have daily homework assigned from this class.

Textbook/Supplies required:

- [Fix-It! Grammar: Level 4 Mowgli and Shere Khan \[Teacher/Student Combo\]](#)
- [Fix-It! Grammar Cards](#) (optional, but recommended)
- *The Elegant Essay* by Mary Sweeney (provided by FAITH Co-op)
- *Jensen's Format Writing* by Frode Jensen (provided by FAITH Co-op)

Class fee: TBD

Class Description: This course focuses on essay structure. The class uses materials developed by Mary Sweeney and supplemented with Jensen's Format Writing to assist students in the structure of five-paragraph essays. A wide variety of essay topics and styles are covered in the class while each essay assignment focuses on a particular portion of the essay (thesis sentences, topic sentences, introductory paragraphs, etc.). Appropriate for 7th and 8th grade students or high school students who need instruction in writing five-paragraph essays.

Expectations/Notes:

- **Absences:** Students are responsible for initiating and performing make up work at home. If a student misses a week, completed assignments for both the missed week and the current week must be supplied the week immediately after the absence.
- **Late Work:** Assignments turned in one week late will earn a maximum grade of 85%. Assignments turned in two weeks late will earn a maximum of 50%. Assignments turned in more than two weeks late will not be graded.
- Each Monday the teacher will introduce the new grammar concepts for the week. This class will require daily work in order to stay on track. Parents will be required to grade all daily work before bringing it to class each week. Grades will be kept on daily work and vocabulary quizzes. This class can help you stay on track and hold you accountable, but you will still need to do grammar daily with your child at home.
- During the class, students are asked to answer the homework questions and ask for clarification on concepts from the previous week.

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Parent Role: Parents should read each assignment sheet, structure the time and place for completing assignments, offer assistance as needed, and verify that each assignment has been completed. Parents should consistently help their child achieve the stated unit goals by supervising study, discussing content as may be necessary, and by communicating with the teacher if difficulties should arise. *Parents need to closely monitor for understanding of content.*

Grading: Students will be graded on their paragraphs or essays, homework assignments, and class participation.

NARNIA WRITING & GRAMMAR

Time: All year

10:15 -11:30

Grade level: 8th grade and above

Homework: Students will have daily homework assigned from this class.

***NOTE:** There are TWO sections of Narnia Writing: one WITH Fix-It and one WITHOUT. The Narnia Writing WITHOUT grammar is designed for high schoolers who need more focus on analysis, organization, and refinement of writing skills. An Honors track is available in the Narnia Writing WITHOUT grammar.

Textbook/Supplies required:

- [Fix-It! Grammar: Level 4 Mowgli and Shere Khan \[Teacher/Student Combo\]](#) (For Narnia Writing with Grammar class only)
- [Fix-It! Grammar Cards](#) (optional, but recommended) (For Narnia Writing with Grammar class only)
- [IEW Following Narnia Volume 2: Aslan's Country \[Student book\]](#)
- [IEW Following Narnia Volume 2: Aslan's Country \[Teacher book\]](#) - (optional, but recommended)
- [The Chronicles of Narnia, C.S. Lewis](#) (*Prince Caspian, The Voyage of the Dawn Treader, The Silver Chair, The Last Battle*)

Class fee: TBD

Class Description: Students will learn advanced writing skills while exploring the enchanted land of Narnia through the Structure and Style® writing method. This course is recommended for students with at least one year of experience with IEW. This course will include reading assignments for *Prince Caspian, The Voyage of the Dawn Treader, The Silver Chair, and The Last Battle*. This course is appropriate for 8th grade and above. Both Honors and Traditional tracks are offered in the high school section of this course. Students who complete this course will earn 1 high school English credit on a transcript.

Expectations/Notes:

- **Absences:** Students are responsible for initiating and performing make up work at home. If a student misses a week, completed assignments for both the missed week and the current week must be supplied the week immediately after the absence.

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- **Late Work:** Assignments turned in one week late will earn a maximum grade of 85%. Assignments turned in two weeks late will earn a maximum of 50%. Assignments turned in more than two weeks late will not be graded.
- Each Monday the teacher will introduce the new grammar concepts for the week. Parents will be required to assist their students in editing the daily passages and checking the rewrites for accuracy. Parents should assist students in writing and editing all essays, making sure they have met the requirements on the checklists. Parents should also ensure that students are reading the assigned Chronicles of Narnia books and answering comprehension questions.
- During the class, students will create key word outlines, discuss literature selections, and craft and revise essay drafts.

Parent Role: Parents should read each assignment sheet, structure the time and place for completing assignments, offer assistance as needed, and verify that each assignment has been completed. Parents should consistently help their child achieve the stated unit goals by supervising study, discussing content as may be necessary, and by communicating with the teacher if difficulties should arise. *Parents need to closely monitor for understanding of content.*

Grading: Students will be graded on their paragraphs or essays, homework assignments, and class participation.

WORLD GEOGRAPHY

Time: All year

9:00-10:15

Grade level: 9th Grade and above

Homework: 4-5 hours per week for reading and writing assignments.

Textbook/Supplies required:

- [Cultural Geography Student Text 4th Ed \(BJU Press\)](#)
- [Geography Grade 9 Student Activity Manual 4th Ed \(BJU Press\)](#)

Class fee: TBD

Class Description: Students will "travel" from continent to continent around the world studying the geography, cultures, landforms, climates, resources, economy, religions, and government of each country. This new edition is filled with photographs, charts, maps, and first-person accounts that make this "virtual world tour" an exciting and stimulating exploration of world geography and culture. Both Honors and Traditional tracks are offered in Geography. Successful completion of this course provides 1 high school geography credit.

Expectations/Notes:

- **Absences:** If a student misses a week, completed assignments for both the missed week and the current week must be supplied the week immediately after the absence.
- **Late Work:** Assignments turned in one week late will earn a maximum grade of 50%. Assignments turned in two or more weeks late will not be graded.
- Students should bring all required texts for that week.
- A mission project and presentation is required in the spring semester.
- Map work is expected to be neat.

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Internet Access: Students may use the Internet for any research needed to complete writing assignments, but its use is not required.

Parent Role: Parents should read each assignment sheet, structure the time and place for completing assignments, offer assistance as needed, and verify that each assignment has been completed. Parents should consistently help their child achieve the stated unit goals by supervising study, discussing content as may be necessary, and by communicating with the teacher if difficulties should arise. *Parents need to closely monitor for understanding of content.*

Grading: Grades are based on class participation, homework, quizzes, and projects.

WORLD HISTORY

Time: All year

9:00-10:15

Grade level: 10th Grade and up

Prerequisites: None

Homework: 4-5 hours per week for reading and written assignments.

Textbook/Supplies required:

- [BJU Press World History Student Text, Grade 10, 5th edition](#)
- [BJU Press World History Student Activities Manual, Grade 10, 5th edition](#)

Class fee: TBD

Class Description: This course encourages students to trace the major patterns in world history, following them as they point more and more clearly to the triumph of the kingdom of God. As they journey through time in this engaging survey of world history, students will cover creation, the earliest post-Flood civilizations, Greece, Rome, the Middle Ages, the Renaissance, the Reformation, the Enlightenment, and civilizations in Africa, the East, Asia, pre-colonization Americas, and empires in Africa, India, and Asia. Both Honors and Traditional tracks are offered in World History. Successful completion of this course earns 1 high school history credit.

Expectations/Notes:

- **Absences:** If a student misses a week, completed assignments for both the missed week and the current week must be supplied the week immediately after the absence.
- **Late Work:** Assignments turned in one week late will earn a maximum grade of 50%. Assignments turned in two or more weeks late will not be graded.

Internet Access: Students may use the Internet for any research needed to complete assignments, but its use is not required.

Parent Role: Parents should read each assignment sheet, structure the time and place for completing assignments, offer assistance as needed, and verify that each assignment has been completed. Parents should consistently help their child achieve the stated unit goals by supervising study, discussing content as may be necessary, and by communicating with the teacher if difficulties should arise. *Parents need to closely monitor for understanding of content.*

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Grading: The grade will consist of class participation, quizzes and tests, and oral presentations.

WORLD LITERATURE

Time: All year

9:00-11:30

Grade level: 10th Grade and up

Prerequisites: Students should be able to write a 5 paragraph essay.

Homework: 4-6 hours per week for reading and writing assignments.

Textbook/Supplies required:

- *The Odyssey* by Homer
- [*Julius Caesar* by Carl Bowen](#) (Please use this particular version)
- *The Dancing Bear* by Peter Dickinson
- *Scarlet Pimpernel* by Baroness Orczy
- *The Hiding Place* by Corrie Ten Boom
- *Animal Farm* by George Orwell

Before purchasing ANY book, please be sure you have not picked up an abridged version.

Class fee: TBD

Class Description: This course encourages students to explore focus works, including novels, short stories, poems, and drama, selected for literary quality and for their place in the historical development of the literature of Western Civilization. Students will read, analyze, and write about the reading assignments. Both Honors and Traditional tracks are offered in World Literature. Successful completion of this course earns 1 high school English Literature and Composition credit.

Expectations/Notes:

- **Absences:** If a student misses a week, completed assignments for both the missed week and the current week must be supplied the week immediately after the absence.
- **Late Work:** Assignments turned in one week late will earn a maximum grade of 50%. Assignments turned in two or more weeks late will not be graded.
- Students should bring all required texts for that week.
- Essays must be emailed to the teacher by midnight on Saturday.

Internet Access: Students may use the Internet for any research needed to complete writing assignments, but its use is not required.

Parent Role: Parents should read each assignment sheet, structure the time and place for completing assignments, offer assistance as needed, and verify that each assignment has been completed. Parents should consistently help their child achieve the stated unit goals by supervising study, discussing content as may be necessary, and by communicating with the teacher if difficulties should arise. *Parents need to closely monitor for understanding of content.*

Grading: The grade will consist of class participation, literature review questions, quizzes, and writing assignments.

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AMERICAN HISTORY

Time: All year

10:15 - 11:30

Grade level: 10th Grade and up

Homework: 4-5 hours per week for reading and writing assignments.

Textbook/Supplies required:

- [Land of Hope: An Invitation to the Great American Story Hardcover](#)
- [A Student Workbook for Land of Hope: An Invitation to the Great American Story](#)

Class fee: TBD

Class Description: This course covers United States history in all its faults and achievements. Students will develop an enduring sense of membership in one of the greatest enterprises in human history: the exciting, perilous, and consequential story of their own country. Both Honors and Traditional tracks are offered in American History. Successful completion of this course earns 1 high school history credit.

Expectations/Notes:

- **Absences:** Students are responsible for completing all weekly reading and assignments by the following class meeting.
- Students should bring all required texts for that week.

Internet Access: Students may use the internet for any research needed to complete writing assignments, but its use is not required.

Parent Role: Parents should read each assignment sheet, structure the time and place for completing assignments, offer assistance as needed, and verify that each assignment has been completed. Parents should consistently help their child achieve the stated unit goals by supervising study, discussing content as may be necessary, and by communicating with the teacher if difficulties should arise. *Parents need to closely monitor for understanding of content.*

Grading: Semester grades will include homework, writing assignments, quizzes, and tests.

AMERICAN LITERATURE

Time: All year

9:00 - 10:15

Grade level: 10th Grade and up

Prerequisites: Students should be able to write a 5 paragraph essay.

Homework: Students will read an average of 65 pages per week, do some exercises in literary analysis, and write an essay or complete a project upon completion of a book. If the instructor suspects students are not reading assignments, reading check quizzes will be added to the course.

Textbook/Supplies required:

- [Apologia's American Literature Student Textbook by Whit Jones](#)
- Literature books:
 - "Rip Van Winkle" by Washington Irving
 - "The Legend of Sleepy Hollow" by Washington Irving
 - *The Scarlet Letter* by Nathaniel Hawthorne

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- *The Adventures of Huckleberry Finn* by Mark Twain
- *The Red Badge of Courage* by Stephen Crane
- *The Great Gatsby* by F. Scott Fitzgerald
- “The Old Man and the Sea” by Ernest Hemingway
- *To Kill a Mockingbird* by Harper Lee

Before purchasing ANY book, please be sure you have not picked up an abridged version.

Class fee: TBD

Class Description: While reading classic literature by American writers, students will gain an understanding of the development of literature and will practice the skills of close literary analysis through essays, approach papers, and other evaluative writing. Both Honors and Traditional tracks are offered in American Literature. By successfully completing this course, students will earn 1 high school English literature credit.

Expectations/Notes:

- **Absences:** If a student misses a week, completed assignments for both the missed week and the current week must be supplied the week immediately after the absence.
- **Late Work:** Assignments turned in one week late will earn a maximum grade of 50%. Assignments turned in two or more weeks late will not be graded.
- Students should bring all required texts for that week.

Internet Access: Students may use the internet for any research needed to complete writing assignments. Use of the internet will be required for the Shakespearean play read for the course. If there is an issue with a student using the internet, please talk to the instructor BEFORE that unit begins.

Parent Role: Parents should read each assignment sheet, structure the time and place for completing assignments, offer assistance as needed, and verify that each assignment has been completed. Parents should consistently help their child achieve the stated unit goals by supervising study, discussing content as may be necessary, and by communicating with the teacher if difficulties should arise. *Parents need to closely monitor for understanding of content.*

Grading: Semester grades will include homework, writing assignments, quizzes, and tests.

MATH COURSES

Please note: ALL secondary math courses will be offered in a hybrid format. Students will meet in person on Mondays and will hold a second virtual class on Wednesdays or Thursdays (day agreed upon by the teacher and students).

PRE-ALGEBRA

Time: All year

12:00 - 1:15

Grade level: 7th & up

Prerequisites: Math placement test https://www.mathmammoth.com/complete/placement_tests

Class Fee: TBD

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Textbook/Supplies required:

[Math Mammoth Light Blue Series Grade 7 Set](#) which includes:

- [Math Mammoth Light Blue Series Grade 7-A Worktext](#)
- [Math Mammoth Light Blue Series Grade 7-B Worktext](#)
- [Math Mammoth Light Blue Series Grade 7 Answer Key](#)
- [Math Mammoth Light Blue Series Grade 7 Test/Review](#)

Compass & Protractor

[Math Mammoth Grade 7 Videos](#) (These are free videos to go along with each topic in Math Mammoth Grade 7)

Extra practice worksheets are also available at www.mathmammoth.com.

Notes: Students MUST be available for a virtual class to be held on Wednesday or Thursday mornings (day of meeting will be determined by the beginning of the semester). Pre-Algebra is too difficult a subject to be covered in one meeting per week. Please be sure your student will be able to attend the virtual class before registering.

Class Description: The main areas of study in Math Mammoth Grade 7 are: introduction to basic algebra concepts; integers and their operations; solving one-step equations, including with negative numbers; operations with negative rational numbers; solving linear equations and writing equations for word problems; graphing linear equations and an introduction to the concept of slope; ratios, rates, proportions, and percent; geometry: angle relationships, compass & ruler constructions, drawing problems, Pi and the area and circumference of a circle, cross-sections formed when cutting solids, surface area, and volume; the Pythagorean theorem (optional); probability; statistics.

In this class, students who are using Math Mammoth Grade 7 at home will benefit from small group instruction and accountability at co-op. Students will receive a syllabus and will move through the book at the same pace. Each week at co-op, concepts will be more thoroughly explained as needed. **Parents will grade daily homework assignments.** Daily work will be checked for completion at co-op. Tests will be taken at home, but graded at co-op. This class is strictly an aide to supplement complete math instruction at home.

Expectations/Notes:

- **Absences:** If a student misses a week, completed assignments for both the missed week and the current week must be supplied the week immediately after the absence. Students MUST stay up to date on assignments to stay in the class.
- **Late Work:** Assignments turned in one week late will have 15% taken off, two weeks late 50%. Assignments turned in after two weeks late will not be graded.

Grading: Grades are based on homework, tests, and class participation.

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ALGEBRA 1

Time: All year

12:00 - 1:15

Grade level: 7th & up

Prerequisites: Math placement test

Class Fee: TBD

Textbook/Supplies required:

- [Elementary Algebra Curriculum Pack](#) which includes:
 - Jacobs' *Elementary Algebra Student Textbook*
 - *Elementary Algebra Solutions Manual*
 - *Elementary Algebra Teacher Guide*

NOTE: The first edition of [Jacob's Elementary Algebra Student Textbook](#) and [Elementary Algebra Teacher's Guide](#) are perfectly acceptable. The third problem set was removed from the second edition textbook and the page numbers are different, but that can be worked around. The newer edition of the Solutions Manual and Teacher Guide can also be paired with the older first edition of the textbook.

- TI-84 calculator (either color or black and white)
- Elementary Algebra DVD/online Instruction (either by [Dr. Callahan](#) or through [MasterBooks Academy](#) is strongly recommended. (If your family has someone with a STRONG math background that can help your student on a DAILY basis this DVD/online instruction is not required)

Notes: Students MUST be available for a virtual class to be held on Wednesday or Thursday mornings (day of meeting will be determined by the beginning of the semester). Algebra 1 is too difficult a subject to be covered in one meeting per week. Please be sure your student will be able to attend the virtual class before registering.

Class Description: Elementary Algebra (Algebra 1) utilizes a clear, conversational, engaging approach to teach your student Algebra through practical, real-life application! The text guides your student through Algebra, enabling them to discover concepts & application for themselves and develop a deep understanding. Both Honors and Traditional tracks are offered in Algebra 1. Students who successfully complete this course will earn 1 high school math credit.

In this class, students who are using Elementary Algebra will benefit from small group instruction and accountability at co-op. Students will receive a syllabus and will move through the book and videos at the same pace. Each week at co-op, concepts will be more thoroughly explained as needed. **Parents will grade daily homework assignments.** Daily work will be checked for completion at co-op. Tests will be taken at home, but graded at co-op. This class is strictly an aide to supplement complete math instruction at home.

Expectations/Notes:

- **Absences:** If a student misses a week, completed assignments for both the missed week and the current week must be supplied the week immediately after the absence.

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- **Late Work:** Assignments turned in one week late will earn a maximum grade of 50%. Assignments turned in two or more weeks late will not be graded.

Grading: Grades are based on homework, tests, and class participation.

GEOMETRY

Time: All year

12:00 - 1:15

Grade level: 8th & up

Prerequisites: Math placement test, or successful completion of Algebra I

Class Fee: TBD

Textbook/Supplies required:

- [Geometry: Seeing, Doing, Understanding Student Text by Harold Jacobs \(3rd Edition\)](#)
- [Solutions Manual: Answers to Exercises for Geometry: Seeing, Doing, Understanding by Harold Jacobs \(3rd Edition\)](#)
- [Instructional videos](#) are recommended. If your family has someone with a STRONG math background that can help your student on a DAILY basis, the videos are not required.
- **Notes: The 3rd Edition of the text and solutions guide is available with a picture of chess OR bees and a honeycomb on the cover. Either book is fine. The interior is identical.** Students MUST be available for a virtual class to be held on Wednesday or Thursday mornings (day of meeting will be determined by the beginning of the semester). Geometry is too difficult a subject to be covered in one meeting per week. Please be sure your student will be able to attend the virtual class before registering.

Class Description: Students inquire about concepts and ideas and are provided the opportunity to experiment, analyze, and justify their ideas as they explore principles of geometry. Successful completion of Algebra I is a prerequisite for this course. Both Honors and Traditional tracks are offered in Geometry. Students who successfully complete this course in Geometry earn 1 high school math credit.

In this class, students who are studying Geometry will benefit from small group instruction and accountability at co-op. Students will receive a syllabus and will move through the book and videos at the same pace. Each week at co-op, concepts will be more thoroughly explained as needed. **Parents will grade daily homework assignments.** Daily work will be checked for completion at co-op. Tests will be taken at home, but graded at co-op. This class is strictly an aide to supplement complete math instruction at home.

Expectations/Notes:

- **Absences:** If a student misses a week, completed assignments for both the missed week and the current week must be supplied the week immediately after the absence.
- **Late Work:** Assignments turned in one week late will earn a maximum grade of 50%. Assignments turned in two or more weeks late will not be graded.

2022-2023 Secondary Class Descriptions

Grading: Grades are based on homework, tests, and class participation.

ALGEBRA 2 with TRIGONOMETRY

Time: All year

12:00 - 1:15

Grade level: 9th & up

Prerequisites: Math placement test, or successful completion of Algebra I and Geometry

Class Fee: TBD

Textbook/Supplies required:

- [Algebra and Trigonometry: Functions and Applications \(Prentice ...](#) by Paul Foerster - textbook ISBN10: 0131657100 / ISBN13: 9780131657106 (2005 Prentice Hall Classics Version)
- [Algebra and Trigonometry Solutions Manual by Foerster](#) (optional PDF download - math problem answers will be emailed to parents weekly)
- TI-84 calculator (either color or black and white)

- Instructional videos are recommended such as this: <https://mathwithoutborders.com/algebra-2-trigonometry/>. If your family has someone with a STRONG math background that can help your student on a DAILY basis, the videos are not required.
- **Notes:** Students MUST be available for a virtual class to be held on Wednesday or Thursday mornings (day of meeting will be determined by the beginning of the semester). Algebra 2/Trig is too difficult a subject to be covered in one meeting per week. Please be sure your student will be able to attend the virtual class before registering.

Class Description: This course will focus on functions & relations, linear functions, systems of linear equations & inequalities, quadratic functions & complex numbers, exponential & logarithmic functions, rational algebraic functions, irrational algebraic functions, quadratic relations & systems, higher-degree functions & complex numbers, sequences & series, probability/data analysis/functions of a random variable, trigonometric & circular functions, properties of trigonometric & circular functions, and triangle problems. Both Honors and Traditional tracks are offered in this course. Students who successfully complete Algebra 2 with Trigonometry earn 1 high school math credit.

In this class, students who are studying Algebra 2 with Trigonometry will benefit from small group instruction and accountability at co-op. Students will receive a syllabus and will move through the book and videos at the same pace. Each week at co-op, concepts will be more thoroughly explained as needed. **Parents will grade daily homework assignments.** Daily work will be checked for completion at co-op. Tests will be taken at home, but graded at co-op. This class is strictly an aide to supplement complete math instruction at home.

Expectations/Notes:

2022-2023 Secondary Class Descriptions

- **Absences:** If a student misses a week, completed assignments for both the missed week and the current week must be supplied the week immediately after the absence.
- **Late Work:** Assignments turned in one week late will earn a maximum grade of 50%. Assignments turned in two or more weeks late will not be graded.

Grading: Grades are based on homework, tests, and class participation.

SPANISH 1

Time: All year

12:00 - 1:15

Grade level: 9th & up

Prerequisites: None

Class Fee: TBD

Textbook/Supplies required: Provided by FAITH Co-op

Class Description: In this high school level course, students will learn to greet people, describe family and friends, talk about hobbies, and communicate about other topics. Each lesson presents vocabulary, grammar and various aspects of Spanish speaking culture. Students who successfully complete Spanish 1 earn 1 high school foreign language credit.

Expectations/Notes:

- **Absences:** If a student misses a week, completed assignments for both the missed week and the current week must be supplied the week immediately after the absence.
- **Late Work:** Assignments turned in one week late will earn a maximum grade of 50%. Assignments turned in two or more weeks late will not be graded.

Parent Role: Parents should read each assignment sheet, structure the time and place for completing assignments, offer assistance as needed, verify that each assignment has been completed. Parents should consistently help their child achieve the stated unit goals by supervising study, discussing content as may be necessary, and by communicating with the teacher if difficulties should arise. *Parents need to closely monitor for understanding of content.*

Grading: Grades are based on homework, tests, and class participation.

INTRODUCTION TO COMPUTER SCIENCE WITH JAVASCRIPT PROGRAMMING

Time: Full year (both semesters)

12:00 - 1:15

Grade level: 9th & up

Prerequisites: Successfully completed Algebra 1, decent typing skills to code along with instructor during class in real time, knowledge of how to find files on one's own laptop

Class Fee: TBD

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Textbook: [JavaScript for Kids: A Playful Introduction to Programming by Nick Morgan](#)

Supplies Required: reliable laptop, Google Chrome browser, text editor (Notepad++ or Atom), a free account to repl.it.com (or other approved IDE), home internet connection for assignments, and a parent-monitored email for class communications.

Class Description: This beginner course is mainly focused on learning to program in JavaScript in a web browser environment; some html and CSS will also be covered. Students should accomplish up to animating drawings on the canvas element and images on a web document. Additional computer science topics will be covered during the course such as binary/hexadecimal and some basic Boolean logic. A few topics of concern regarding artificial intelligence will also be explored. Finally, a special guest will present during one of the last classes. Successful completion of the course will earn 1 high school elective credit in computer science.

Expectations/Notes:

- **Absences:** If a student misses a week, completed assignments for both the missed week and the current week must be supplied the week immediately after the absence.
- **Late Work:** Assignments turned in one week late will earn a maximum grade of 50%. Assignments turned in two or more weeks late will not be graded.

Parent Role: Parents should read each assignment sheet, structure the time and place for completing assignments, offer assistance as needed, verify that each assignment has been completed. Parents should consistently help their child achieve the stated unit goals by supervising study, discussing content as may be necessary, and by communicating with the teacher if difficulties should arise.

Grading: Grades are based on homework, class participation, and projects.