



Book List & Class Descriptions

9th - 12th Grades

There are no minimum class requirements, however, priority placement is given to students taking 4 core classes (Math, Science, Lit, History)

This is the place to find all the books you need for classes at OliveTree 2026-27

Please be mindful to purchase book editions as listed.

Students must have books on the first day of class.

OliveTree is registered with Amazon Smile. When you shop, Amazon donates to OliveTree.

Click here to learn more: <https://smile.amazon.com/ch/35-2238524>

**OliveTree reserves the right to cancel classes if minimum enrollment is not met.*

ALGEBRA 1

Book to purchase: MATH U SEE Algebra 1: Principles of Secondary Mathematics

Student Worktext, Book A

ISBN 978-1-60826-213-7

Student Worktext, Book B

ISBN 978-1-60826-214-4

Test Booklet

ISBN 978-1-60826-219-9

mathusee.com Demme Learning #8111

Pre-requisite: Pre-Algebra This class is the foundation for all higher math; therefore, it is the most important math class your student will take. This course will require students to be proficient in all topics covered in Pre-Algebra and have a strong ability to work with fractions. Students should repeat this class if needed. Please ensure your student is ready for Algebra 1 by taking this placement test (copy URL and paste in your browser):

<https://mathusee.com/digital-tools/placement-tool/classroom-placement/#secondary-math-placement-tests-and-answer-keys-5-1>

GEOMETRY

Book to purchase: MATH U SEE Geometry

Student Workbook

ISBN #978-1-60826-342-4

Test Booklet

ISBN #978-1-60826-348-6

mathusee.com Demme Learning #1121

Pre-requisite: Algebra 1

Points, lines, planes, angles, circles, triangles, quadrilaterals, Pythagorean Theorem, conic sections, proofs and more. Please ensure your student is ready for Geometry by taking this placement test (copy URL and paste in your browser):

<https://mathusee.com/digital-tools/placement-tool/classroom-placement/#secondary-math-placement-tests-and-answer-keys-5-1>

ALGEBRA 2

Book to purchase: MATH U SEE Algebra 2

Student Workbook

ISBN #978-1-60826-343-1

Test Booklet

ISBN #978-1-60826-349-3

mathusee.com Demme Learning #1131

Pre-requisite: Algebra 1, Geometry is recommended.

Factoring polynomials, quadratic formula, graphing conic sections and other Algebra 2 topics. Please ensure your student is ready for Algebra 2 by taking this placement test (copy URL and paste in your browser).

<https://mathusee.com/digital-tools/placement-tool/classroom-placement/#secondary-math-placement-tests-and-answer-keys-5-1>

PRE-CALCULUS

Book to purchase: MATH U SEE Pre-Calculus

Student Workbook

ISBN #978-1-60826-344-8

Test Booklet

ISBN #978-1-60826-350-9

mathusee.com Demme Learning #1141

Pre-requisites: Geometry and Algebra 2 Trigonometry, identities, polar equations, functions, inverses, relations, graphing (Cartesian and polar), logarithms, sequences, limits, and other topics that prepare students for Calculus. Students will need a protractor, ruler, and scientific calculator that can calculate square roots, trigonometric functions, logarithms, and natural log.

SCIENCE WITH LABS

BIOLOGY

Book to purchase: *Discovering Design with Biology (formerly Apologia)*

ISBN 979-8-9852529-4-1

Book to purchase: *Answer Key and Tests*

ISBN 979-8-9852529-5-8

www.bereanbuilders.com

Pre-requisite: None. A laboratory-based high school biology course gives the student an introduction to how living organisms are designed, how they interact with one another, and how they interact with their physical environment. Students are taught how biologists classify life, the chemical processes that make life possible, the structures of RNA and DNA, and the designs of the different cells found in living organisms. Throughout the course, students see that life is the result of design and that organisms have been given the ability to adapt to their surroundings. In addition, they learn various problems associated with the modern evolutionary synthesis. The experiments include extracting DNA from fruit, examining the effects of temperature and pH on enzymes, exploring osmosis and diffusion, building a pedigree, culturing bacteria, growing and examining fungi, and analyzing the structure of a feather. There are also several experiments that explore the microscopic world, including identifying the stages of mitosis, studying live bacteria that were cultured by the student, identifying budding in yeast, and analyzing the microscopic structure of plants and animals. Dissection experiments include: the earthworm, crayfish, fish, and frog.

CHEMISTRY - New this year - *Mrs. Amy Jackson is teaching Chemistry in an exciting new way!*

Book to purchase: *OliveTree supplied Module Packets (420 pages) including Reference sheets - \$67.00*

Module Packet cost added to your tuition invoice.

Pre-requisite: Algebra 1

This chemistry course is a comprehensive, full-year high school curriculum designed to make chemistry approachable and relatable through problem-solving and critical thinking. This class will focus on how microscopic interactions at atomic and subatomic levels dictate macroscopic observations in chemical reactions. Most importantly, at the intersection of chemistry and theology, we see that our Creator has fine-tuned the laws governing matter and energy to precisely allow for the existence of life.

Notes are taken at home using a pre-printed Cornell note style packet while following along with a lecture video and slideshow. Class time is hands-on and group-oriented utilizing inquiry activities, labs, and skill practice. How does God relate to chemistry? In each unit we'll explore a concept that gives students the opportunity to critically evaluate scientific evidence and determine how it relates to God as creator.

New class format: Instructional content done outside of the classroom via online lectures with notes.

- + Much of the active work is done in the classroom to increase student engagement and comprehension.
- + Assignment schedule and links to lecture videos are kept up to date on a class calendar.
- + Students and parents can easily see the work to be done in class and what needs to be done at home.

PHYSICS

Book to purchase: *Apologia Exploring Creation with Physics - 2nd edition*

ISBN 978-1-946506-59-7

Book to purchase: *Solutions and Tests*

ISBN 978-1-932012-43-9

www.apologia.com

Pre-requisites: Algebra 1 and Geometry

This course provides an intro to the methods and concepts of general physics. Teacher emphasizes experiential understanding of concepts. It provides the student with a background in units, measurement, one and two dimensional motion, Newton's laws and their application, gravity, work & energy, momentum, periodic motion, waves, optics, electrostatics, electrodynamics, electrical circuits, and magnetism.

LITERATURE

*All Literature classes include writing elements.
Reading and writing are fundamental skills that most high school students are not learning well.
These classes prepare your student for college and beyond.*

FUNDAMENTALS OF LITERATURE

Book to purchase: *BJU Fundamentals of Literature 2nd edition*

ISBN #978-1-62856-436-5

bjupresshomeschool.com

Pre-requisite: None. Designed to be the student's first high school literature class, Fundamentals of Literature presents the foundational elements for literary analysis. Covering the topics of conflict, character development, point of view, plot, theme, and tone. This course provides excellent practice in examining fiction and non-fiction works under the light of a biblical framework. Weekly assignments involve selected readings and discussion questions as well as writing practice on the various topics listed above.

ELEMENTS OF CLASSIC LITERATURE

Book to purchase: *BJU Elements of Literature 2nd edition*

ISBN #978-1-62856-565-2

bjupresshomeschool.com

Pre-requisite: None, but Fundamentals is recommended. Elements of Literature broadens students' understanding of literature by focusing on advanced literary concepts. Students will learn the method and the importance of literary analysis by studying pieces from several genres and interpreting them in light of biblical truth. The textbook promotes critical thinking skills as key to understanding and appreciating literature. A visual analysis section found at the beginning of each unit relates the unit's topic with the visual arts. Each unit also includes a short writing assignment that goes along with the literary genre and theme being studied.

AMERICAN LITERATURE

Book to purchase: *BJU American Literature 3rd edition*

ISBN #978-1-646264-667

bjupresshomeschool.com

Pre-requisite: None, but Fundamentals and Classic are recommended. American Literature Student Text (3rd ed.) contains introductory essays for each unit providing an overview of the cultural and historical events and ideas influencing each literary period. The instruction for the literature selections is structured around the reading process approach. Students will improve close-reading skills with questions during reading that focus on the three strands of study: Analyze, Read, and Evaluate. Students will have a chance to critically assess the original writings using a biblical framework. This course provides an excellent companion study to American History.

BRITISH LITERATURE

Book to purchase: *BJU British Literature 3rd edition*

ISBN #978-1-62856-256-9

bjupresshomeschool.com

Pre-requisite: None, but Fundamentals, Classic, and American are recommended. British Literature prepares students for the rigors of reading and critical thinking at the college level. They will broaden their cultural literacy and sharpen their sensitivity to aesthetics within the God-given gifts of language and storytelling. The class will include a broad array of works representing each era of British Literature, from authors like Geoffrey Chaucer, William Shakespeare, Robert Burns, Charles Dickens, and C.S. Lewis. Writing assignments will be also given with each unit to build students' skills in a variety of fiction and non-fiction genres.

HISTORY

CULTURAL GEOGRAPHY

Book to purchase: BJU Cultural Geography 9 - 5th edition

ISBN #978-1-62856-647-5

Book to purchase: BJU Cultural Geography 5th edition Activity Manual

ISBN #978-1-62856-649-9

bjupresshomeschool.com

Pre-requisite: None. Designed to be the student's first high school History class (9th grade), Cultural Geography involves a survey of the world with its variety of nations, cultures, and physical features. This Cultural Geography curriculum is written to help students become informed citizens and empowered participants in society. The curriculum teaches cultural geography from a biblical perspective and aims to develop critical-thinking skills. Students study the seven continents and the people who live on them.

WORLD HISTORY

Book to purchase: BJU World History – 5th edition

ISBN #978-1-62856-344-3

Book to purchase: BJU World History Activities Manual – 5th edition

ISBN #978-1-62856-373-3

bjupresshomeschool.com

Pre-requisite: None but Cultural Geography is recommended. World History guides students through the story of history, starting with creation and continuing to the present. Students will analyze five key themes throughout history from a biblical perspective: justice, power, citizenship, environment, and world religions. As they trace the major patterns in world history, they will see how those themes point more and more clearly to the triumph of the kingdom of God.

AMERICAN HISTORY

Book to purchase: BJU United States History – 5th edition BJU #505776

ISBN #978-1-62856-207-1

Book to purchase: BJU US History Activities Manual – 5th edition BJU#506675

ISBN #978-1-62856-223-1

bjupresshomeschool.com

Book to purchase: The 5000 year leap by Cleon Skousen

ISBN #978-0-88080-1485

Pre-requisite: None but Cultural Geography and World History are recommended. This text takes the student on a journey beginning with European contact with American Indians and ending with the inauguration of Donald Trump. Along the journey, the course highlights major historical events that have shaped American history, inviting students to discuss the ramifications of these events on society today.

U.S. GOVERNMENT & ECONOMICS

Book to purchase: BJU Government – 4th edition Student Text

ISBN #978-1-62856-424-2

Book to purchase: BJU Economics - 3rd edition Student Text

ISBN #978-1-60682-877-9

bjupresshomeschool.com

Book to purchase: Whatever Happened to Penny Candy 7th edition

ISBN #978-0-942617-64-1

Pre-requisite: None but Geography, World History are recommended.

U.S. Government: This college prep class explores God's original authority structure, His plan for governing mankind, and the Founding Fathers' unique composition of our Constitution. Students will study our federal government and will acquire an understanding of the challenges of our modern political system. Students will also view Hillsdale College Constitution 101 lectures and give a short semester presentation. This class prepares students for the rigors of reading and critical thinking at the college level.

Economics: Teaches economic principles in a free market system. Under a biblical perspective, students will learn about inflation, trade-offs, supply and demand, the problems of debt, and the influence of government and politics on the economy. Students will have the ability to understand the causes behind the volatility seen in today's global economy. A 3–5-page research paper and a short semester presentation are required.

ELECTIVES and STUDY HALL

SPANISH 1

Book to purchase: *BJU Spanish 1, 3rd edition Student Text*

ISBN #978-1-60682-937-0

Book to purchase: *BJU Spanish 1 Activities Manual 3rd edition*

ISBN #978-1-60682-970-7

bjupresshomeschool.com

This class takes an innovative and engaging approach to help students not only learn about Spanish but learn to communicate at a novice-high level. All chapters present vocabulary and grammar within the context of the theme. Cultural studies infuse the text from the artwork down to the activities, with a heavy focus on developing a biblical worldview.

SPANISH 2

Book to purchase: *BJU Spanish 2, 3rd edition Student Text*

ISBN #978-1-62856-618-5

Book to purchase: *BJU Spanish 2 Activities Manual 3rd edition*

ISBN #978-1-62856-620-8

bjupresshomeschool.com

Chapters present vocabulary and grammar concepts thematically in the context of the character's surroundings. Activities are communicative and meaning-based and incorporate substantial review at the beginning. Culture permeates the book, from the storyline to the artwork to the activities. We encourage students to formulate a biblical worldview of history, culture, and religion through the text, artwork, and activities.

NEW TESTAMENT SURVEY

Book to purchase: *A Popular Survey of the New Testament, Geisler* Student Text ISBN 978-0-8010-1661-5

Book to purchase: *Survey of the New Testament, Benware* Student Text ISBN 978-0-8024-2124-1

In the tumultuous and bewildering world in which we live, the believer is ever in need of the correction, instruction, and guidance of God's sure Word. Young people especially need to establish a comprehension of Scripture that can serve as a solid foundation for life. Students will be expected to read through the entire New Testament over 4 semesters (2 years). In class, we will consider the background, the authorship and readership, the time and place of writing, as well as an investigation of the structure, and an overview of the content of each Book of the New Testament. Designed to equip the student with comfort and confidence in utilizing God's Word, not designed to focus on the doctrinal elements or theological arguments. Those matters we reserve for parents and pastors. ***Year A covers the Gospels and Hebrews through Revelation; *Year B covers Acts and Paul's Epistles**

PERSONAL FINANCE W/PRACTICAL MATH

Books to purchase – Required: Master Books Consumer Math Set

ISBN # 9781683444237

masterbooks.com

You must purchase the set - both the teacher guide AND the student text.

Answer keys will be turned in to the teacher on the first day of class.

Prerequisite: Algebra 1

This personal finance course equips teens in grades 10–12 with the real-world math skills and biblical framework they need to navigate everyday financial decisions with confidence. Grounded in principles of stewardship and generosity, students will learn to create and manage a personal budget, compare costs for major purchases, calculate interest, understand credit, and evaluate housing, lifestyle, and career choices. With

real-life case studies, mental math strategies, and spreadsheet skills woven throughout, this course builds both financial literacy and Christian values, preparing students to budget, save, invest, and give wisely now and in the future.

SPEECH CLASS a.k.a. Competent Communication

Teacher supplied materials

At some point in life, you will be asked to deliver a presentation. This class will equip you with the life skills you need to step up to the challenge of public speaking. This public speaking course is designed to meet the student wherever they are in their journey to becoming a competent oral communicator. A controlled and supportive classroom environment with clearly defined roles for speakers AND listeners is the ideal setting for students to learn, practice, and master the techniques of public speaking. Students will be provided with weekly public speaking opportunities ranging from light-hearted low-stakes impromptu speaking challenges to formal speeches lasting 4-7 minutes. Students will also gain the life skill of being active listeners as they learn how to evaluate a speech and provide feedback.

VOCAL ENSEMBLE CLASS

Teacher supplied materials

In Middle/High Vocal Ensemble students will learn to sing together and in parts, culminating in at least 2 performances during the school year. Workload will be commensurate with 1 high school credit. Skills taught will include proper vocal technique, breathing, vocal placement, blending, solfege, interval training, musical notation, rhythm, and basic music theory.

HIGH SCHOOL ART CLASS AM and PM classes are the same

The supply list will be on the class syllabus.

In this class students will be using a variety of different mediums and will learn art principles, tips, and techniques. Projects may include pencil drawing (shading, measuring, etc.), color theory, perspective, portraits, sculpture, composition, graphic design and more.

HIGH SCHOOL PE CLASS

No books to purchase

This class is designed to help students stay active, build relationships and develop essential life skills. There will be activities that focus on cardio, strength, and flexibility as well as team games that promote teamwork, strategy and problem solving. Beyond physical fitness, this class will also address the basic building blocks of a healthy, nutritious lifestyle and how to develop a lifelong habit of staying physically fit.

STUDY HALL

Monitored – check out required to leave campus

Note: The Thursday 2:50-4:00 pm Study Hall begins the 3rd week of High School (when K-8 starts)

Due to our rental agreement with Summitview Church, students must be supervised at all times while attending OliveTree classes. Students must be in a class, in a study hall, or must leave campus. Students are not allowed to roam around the building or be outside during Study Hall or at any time. Students who drive are expected to leave the parking lot in a timely manner. Students must arrive on time to study hall, attendance is taken. Students must obtain permission from the monitor to leave study hall or lunch. Students must study for 60 minutes and are allowed to visit quietly the last 10 minutes of Study Hall.

Listening to downloaded music with earbuds is allowed but may not text or surf. Place phones face down. Students should use their own data and not be on the SVCC wifi. The wifi does not have the bandwidth for students to do any online classes in study hall. Students should not be a distraction to other students during Study Hall.