

Olive Tree Book List & Class Descriptions

Highschool students need current editions of all books. All prices listed are retail prices from the publisher's website, many find books for less online and at local retailers. **Note: Highschool Electives listed on the last page.** OliveTree provides, via the website, a standard Assignment Sheet for all classes.

6th Grade:

Science:	Apologia (apologia.com)	
	Exploring Creation with Human Anatomy & Physiology	\$39.00
	Anatomy Note-taking Journal	\$24.00
	No Testing – there will be a few in class quizzes.	

Scientific experiments and projects in class, such as testing bacteria content around the house, finding their blood type, creating a cell model from Jello and candy, and building a stethoscope! Students read the chapter and test at home. Labs are done in class. Students provide textbooks. The journal is uniquely designed to correspond with every assignment and activity in the course book, providing you with a record of your student's scientific endeavors throughout the year.

7th Grade:

Science:	Apologia (apologia.com)	
	Exploring Creation with General Science 2nd edition	\$65.00
	Solutions and Tests	\$20.00
	Testing is done at home.	

The text is designed to be a student's first systematic introduction to the sciences. The course covers such topics as the scientific method, designing experiments, simple machines, archaeology, geology, paleontology, biology, and human anatomy and physiology. Its scope, therefore, is quite wide. There are many hands-on experiments.

Writing:	WriteShop (writeshop.com)	
	WriteShop I (Kautzer, Oldar)	\$45.95

Writeshop 1 will teach students to develop strong paragraphs with clarity, conciseness, colorful vocabulary and interesting sentence types. Descriptive, narrative and informative writing are covered using prewriting activities, dictation, brainstorming, sloppy copy, first revision, editing and final draft.

8th Grade:

Science:	Apologia (apologia.com)	
	Exploring Creation with Physical Science 2nd Edition	\$65.00
	Solutions and Tests	\$20.00
	Testing is done at home.	

The text discusses such topics as the atmosphere, the hydrosphere, weather, the structure of the earth, environmentalism, the physics of motion, Newton's Laws, gravity, and astrophysics. The author concentrates on the myths generated by the hysterical environmentalist movement. There are many hands-on experiments to do. It is an excellent course for preparing the student to take a college-prep high school science curriculum.

Writing:	WriteShop (writeshop.com)	\$45.95
	WriteShop II (Kautzer, Oldar)	

WriteShop 2 contains step-by-step instructions for each lesson, written to the student with Skill Builders to teach and reinforce new concepts. This course teaches descriptive narration, narrative voice, and point of view. Students learn to write and edit opinion essays, compare/contrast essays, and essays that describe or define. Special focus is placed on writing timed essays. WriteShop 1 is not a pre-requisite.

Optional Classes for Junior High Students: (see highschool tuition page for costs)
Algebra 1 (see following page – 9th grade for books and description)

9th Grade:

Science: Apologia (apologia.com)
Exploring Creation with Biology (2nd edition) \$65.00
Tests Book \$20.00

This course features an introduction to the study of living things. The chemistry of life, cell structures and processes, cellular reproduction, genetics, ecosystems and creation vs. evolution. The five major kingdoms are studied individually. The experiments include dissections

History: Bob Jones (bjupress.com)
Cultural Geography 9 (3rd edition) BJU #231514 \$46.50
No Tests

Cultural Geography 9 (3rd ed.) provides a survey of both geographic principles and every country of the world through a regional approach. Following the theme of a Grand Tour, students "travel" from continent to continent around the world studying the cultures, land forms, 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 experience.

Literature: Bob Jones (bjupress.com)
Fundamentals of Literature 9 BJU #247197 \$42.50
Writing and Grammar 10 –yes 10 BJU #828570 \$23.00

Teach the process of literary analysis that enables your students to interpret and evaluate what they read in light of biblical truth. Readings offer instruction in six literary elements: conflict, character, theme, structure, point of view, and moral tone. There will be Essay's assigned in this class.

Math: Bob Jones (bjupress.com)
Algebra 1 – 2nd edition Student Book BJU #235846 \$42.50
Test Book BJU # 123166 \$14.50
Scientific Calculator and Graph paper

The Algebra I student text includes scriptural principles woven throughout. Concepts are presented with examples and explanations. Other features include "Algebra Around Us" and sections on "Probability and Statistics." Homework sections are on three levels. Cumulative Review questions are located at the end of every section. Procedures and definitions are color-coded for reference.

Jacobs Geometry (lamppostpublishing.com)
Geometry Seeing, Doing, Understanding 3rd ed. Student ISBN #0716743612 \$93.95
Teacher supplies tests
Protractor, Compass, Scientific Calculator

The new third edition of Jacobs Geometry features: more focus on informal and paragraph proofs; streamlined definitions, proofs, and theorems; diverse examples from around the world; a third more exercises than previous editions with 75% of them being new; algebra reviews; SAT problems are included in the exercise sets; updated art program, now in full color; summary and review sections at the end of each chapter; and glossary, postulates and theorems list at the end of the book.

10th Grade:

Science: Apologia (apologia.com)
Exploring Creation with Chemistry (2nd edition) \$65.00
Tests \$20.00

Apologia Educational Ministries, Inc. is proud to present the second edition of its Exploring Creation With Chemistry course. The first edition, originally published in 1995, was the first science course written by Dr. Wile. It took the homeschooling community by storm and set the stage for the rest of Apologia's courses. Now, this award-winning chemistry course will get even better!

History: Notgrass Company (notgrass.com)
Exploring World History \$89.95
Package contains Book 1, Book 2 and 'In Their Words' original documents.
Teacher supplies tests

Exploring World History helps students gain a fuller understanding of the past as they read the history narrative, read classic literature and complete writing assignments about issues and ideas in world history. Exploring World History provides historical overview lessons along with focused lessons on key events, concepts, and people. It also includes surveys of daily life and culture.

Literature: Selected full length Literature Texts corresponds to historical periods in World Hist. 10 OliveTree will place a group order for the following titles so students can be on same page for class discussions. We will contact you to confirm before ordering.

The Odyssey, translated by Richmond Lattimore *Adventures of Huck Finn*, Mark Twain
Julius Caesar, William Shakespeare *Fahrenheit 451*, Ray Bradbury
Pilgrim's Progress, John Bunyan *A Tale of Two Cities*, Charles Dickens

Students will focus on writing literary analysis essays 1st semester and a research paper 2nd semester. 3-5 paragraph essays on literature tests will help students prepare for college entrance and exams.

Math: Jacobs Geometry (lamppostpublishing.com)
Geometry Seeing, Doing, Understanding 3rd ed. Student ISBN 071674361 \$93.95
Teacher supplies tests
Protractor, Compass, Scientific Calculator, Graph paper

The new third edition of Jacobs Geometry features: more focus on informal and paragraph proofs; streamlined definitions, proofs, and theorems; diverse examples from around the world; algebra reviews; SAT problems are included in the exercise sets; updated art program, now in full color; summary and review sections at the end of each chapter; and glossary, postulates and theorems list at the end of the book.

Bob Jones (bjupress.com)
Algebra 2 – 2nd edition Student Book BJU #125286 \$40.00
Tests Book BJU # 127415 \$14.50
Graphing Calculator: TI-83 Plus (or higher) Walmart \$108.00
Graph Paper

Algebra 2 reviews and expands concepts learned for graphing and solving linear and quadratic equations. Lessons take a more advanced look at radical, exponential, rational, logarithmic, and trigonometric equations and functions. To expose the student to higher mathematical studies, the course introduces complex numbers, probability, statistics, and analytic geometry. The TI-83 Plus graphing calculator is used all year to build concepts and expand understanding of the material. Features on matrix algebra and biographical sketches of mathematicians are included in the text.

11th Grade:

Science: Apologia (apologia.com)
Exploring Creation with Physics (2nd edition) \$65.00
Tests \$20.00

This course provides a detailed intro to the methods and concepts of general physics, heavily emphasizing vector analysis. It provides the student with a strong 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. Pre-req: Algebra 1 and Geometry.

History: Bob Jones (bjupress.com)
United States History 11 (3rd edition) BJU #222141 \$43.00

This class traces American history from the time of the European discovery to the present. Students see the influence of physical geography and the development of the free-enterprise system. The student analyzes the structure of the U.S. government as it relates to various facets of American culture and historical periods. This course emphasizes God's role as the Author of history and His working in our nation.

Literature: Bob Jones (bjupress.com)
American Literature 11 (2nd edition) BJU#225045 \$42.50
Writers INC A Student Handbook ISBN#9780669529951 \$24.45

For the first semester, writing in-class essays---with the emphasis on practicing strategies for analyzing topics, formulating outlines, and responding in well-written essay formats. This class would be excellent preparation for the SAT/ACT Essay Test or for anyone who wishes to improve their writing. For the second semester, this class moves chronologically through American literature from the 1600's to the present, focusing on four major literary periods: Early American, Romantic, Realistic and Modern. Students will develop an appreciation through rich classroom discussions.

Math: Bob Jones (bjupress.com)
Algebra 2 – 2nd edition Student Book BJU #125286 \$40.00
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Bob Jones (bjupress.com)
Pre-Calculus Student Book BJU #125302 \$40.00
Tests Book BJU # 182592 \$14.50
Graphing Calculator: TI-83 Plus (or higher) Walmart \$108.00

*This class is a continuation of topics covered in Algebra including **trigonometry**, polynomials, functions (and their inverses), equations and complex numbers. A TI-83 graphing calculator is used all year to build concepts and expand understanding. The Colorado Commission on Higher Education has changed the standards for graduates after 2010. 4 years of higher math (starting with Algebra 1 and NOT including Consumer math) is now required for most colleges.*

12th Grade:

History: **Economics** (fall) / **American Government** (spring)

Texts: *Money, Greed and God* by Jay Richard

Common Sense Economics by Gwartney, Stroup, Lee, and Ferrarini

The Law by Frederic Bastiat

U.S. Constitution

Note: Do not order these books - OliveTree will place a group order for these books, enrolled students will be invoiced for costs.

Economics: This course will teach the basic economic ideas that are crucial to understanding and applying sound economic principles based on a free market and biblical approach. Students will learn about the cause of inflation, trade-offs, the importance of incentives, the problems of debt, the influence of government and politics on the economy, the various schools of economic thought, and more. In addition to basic economics, students will be given practical steps to take to get off to a good start in their personal financial lives.

*American Government: This semester-long course will begin with a reading of *The Law* by Frederick Bastiat, followed by an in-depth reading and analysis of the U.S. Constitution based on the original intent of the Founding Fathers as well as an understanding of the background sources of the document including the Bible. Students will gain a thorough grasp of their rights and responsibilities as U.S. citizens as well as an understanding of the challenges of our modern political system. In addition to our study of the federal government, state and local government will be investigated because this is where citizens can have the most impact on the system. Students will take three or four tests and will write a couple of essays during the semester. Optional field trips such as attending a political caucus, county convention, and visit to a court of law as well as a special speaker or two will be incorporated wherever possible. Students should leave this class with a deep appreciation for the American system of government as well as specific knowledge of how and why they should be involved.*

Literature: **Literature 12 – British and Film Lit**

Texts: *Great Expectations*, Dickens,

Screwtape Letters, C.S. Lewis

Jane Eyre, Charlotte Bronte,

The Time Machine, H.G. Wells

Hound of the Baskervilles, Sir Arthur Conan Doyle

Note: Students will supply these British Lit books, **OliveTree will supply** Film Lit materials.

This class will focus on British Literature for the first semester and Film Literature in the second. Reading and Writing is vigorous throughout this course, with rich class discussions. The Film Lit portion of this class is designed to give students practical techniques for critically analyzing movies, equipping them with the ability to discern underlying messages in movies rather than absorb them.

Math: Bob Jones (bjupress.com)

Pre-Calculus Student Book

BJU #125302 \$40.00

Tests Book

BJU # 182592 \$14.50

Graphing Calculator: TI-83 Plus (or higher) Walmart \$108.00

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Electives:

Spanish 1 and 2:

REALIDADES is a standards-based Spanish curriculum that balances grammar and communication. The program offers technology via computer web codes that enable students to hear the language inside and outside of the classroom allowing an integration of language and culture to teach and motivate all students.

Prentice Hall Publishers www.pearsonschool.com

Spanish 1 - Realidades 1	Student Text	ISBN 0133691721	\$71.97
	Grammar Workbook	013369268X	\$13.97
	Communication Wkbk	0133692620	\$12.47
Spanish 2 – Realidades 2	Student Text	ISBN 013369173X	\$71.97
	Grammar Workbook	0133692698	\$13.97
	Communication Wkbk	0133692639	\$12.47

Note: This Spanish book publisher now accepts orders from homeschoolers – no group order will be placed, please order these books on your own – leave time for shipping. We recommend placing order by mid to late July.

Speech Class:

This is a high school level speech class geared toward 11th – 12th graders. It is designed as a fundamental course to improve public speaking in formal as well as informal situations. The activities include the organization, preparation and delivery of solo speaking opportunities. The class includes introductory, demonstration, persuasive and book review speeches. Also covered is storytelling, dramatic interpretation and a creative team project. Teacher: Nana Tonkin

No text required. Speech class meets on Tuesday from 12:00 -1:30 pm at Summitview

iSing High School Choir:

- An excellent choir experience for homeschool, highschool students!
- A community of students who share a love of music!
- A Christ centered environment where students are challenged!
- Opportunities to perform for an audience!

Meet the director, Mrs. Sharon Stricklin:

Sharon Stricklin has 35 years of experience leading choirs, musicals, a touring youth choir and competitions. She has worked with choirs from 20 students to 110 students. She has taught in North Carolina and New York. A career highlight was an invitation to have the choir under her direction sing at Carnegie Hall. Sharon holds a Bachelor and Masters of Music Education from Michigan State University.

Sheet music will be purchased for your student. Students will provide concert attire.

iSing meets on Tuesday from 1:45 – 3:15 pm at Cornerstone Presbyterian, 1516 W. Prospect Rd., (between Shields and Taft Hill) Ft. Collins, 80526