



Book List & Class Descriptions

6th , 7th , 8th Grades

**Students may take the Block of 3 Classes
and add any Optional Classes to the Block**

This is the place to find all the books you need for classes at OliveTree!
*Books can be purchased from local retailers: Probasco's Christian Book Store in Loveland or
Salt & Light Learning used books online or other online retailers.*

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*

6th GRADE THURSDAY BLOCK OF CLASSES

SCIENCE

Book to purchase: *Exploring Creation with Human Anatomy & Physiology* ISBN #978-1-935495-14-7
Optional but recommended for at home: *Anatomy Note-taking Journal* ISBN #978-1-935495-15-4
apologia.com

This unique course explores the human body using engaging text, exciting activities and interesting experiments. The Anatomy Note-taking Journal is designed to accompany this text, but this is optional and something you can have your students do at home since the classroom is designed to be a dynamic atmosphere. Classroom labs and discussions will take place in class with anatomically correct models. Reading and vocabulary will be typical homework. NOTE: Parents will teach lesson 14 on "Growth and Development".

LOGIC

Book to purchase: None

Logic will do more to teach the students to think clearly, reason well, and spot errors in the reasoning of others than any other activity. A good grasp of the concepts taught here will help the students in many areas of life. In this class, we will be discussing informal reasoning and logic. We will talk about good reasoning and bad reasoning. We will be exploring some different thought processes in reasoning and critical thinking skills such as analogies, word games, sudoku, fallacies, red herrings, and other logic games.

ART

Book to purchase: None

An art class just for 6th graders! Students will learn to express themselves through drawing and watercolor techniques. Hands on activities in groups allow students to enjoy their peers as they unleash their creativity.

6th GRADE OPTIONAL CLASSES

FUNDAMENTALS OF MATH

Book: *Supplied by Teacher*

Since homeschooled students come from many different math curriculums, we highly recommend students take this FUNDAMENTALS class to ensure they have the skills to move forward and be successful in math in Pre-Algebra and High School. This class will cover methods of attack; learning to think methodically and logically, neatness, speed drills, math facts, review of multiple number addition, subtraction, multiplication and division; long division, fractions, decimals, percent and how to interpret word problems. For 6th and 7th graders.

BOOK CLUB

Book to purchase: None

Book Club students will build reading and analytical skills by listening to a book that is read aloud and discussing the book, working together to help understand the text. Students will engage in vocabulary and comprehension questions as well as character development and biblical lessons. Class discussions give students a chance to ask questions and voice opinions. Along with reading a book together, each student will have a chance to read a book of their choice and present a book report for the class. Teacher supplies read-aloud books.

VOCAL ENSEMBLE MS/HS

Book to purchase: None

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.

7th GRADE THURSDAY BLOCK OF CLASSES

SCIENCE LAB 7 – Please note new edition!

Book to purchase: *Exploring Creation with General Science 3rd edition* ISBN 978-1-946506-57-3

Book to purchase: *Solutions and Tests* ISBN 978-1-946506-28-3

Book to purchase: *Student Notebook* ISBN 978-1-946506-30-6

apologia.com

This course covers topics such as the scientific method, designing experiments, simple machines, archaeology, geology, paleontology, astronomy, chemistry, biology, and human anatomy and physiology. There are many hands-on experiments done in class. This class is the Lab portion only. Students read the chapter and test at home. Labs, notebook, and test grading occur in class.

WRITESHOP 1

Book to purchase: *WriteShop 1 (Kautzer, Oldar) 5th edition*

writeshop.com Demme Learning #7062

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

EFFECTIVE COMMUNICATION

Book: None

With the benefit of a classroom setting, students will engage in oral and written exercises designed to improve basic and advanced communication skills. Each child will learn how to individually as well as corporately work together to prepare various speech assignments.

7th GRADE OPTIONAL CLASSES

PRE-ALGEBRA meets Tuesday and Thursday for 2 - 15 week semesters

Book to purchase: *Math U See Pre-Algebra Level Up Base Set* (all materials for parent, student)

mathusee.com

With students coming from many different math curriculums, we highly recommend students take the Pre-Algebra class at OliveTree to prepare for high school math at OliveTree. Please ensure your student is ready for Pre-Algebra by taking this placement test (copy URL below and paste in your browser). It is wise to wait until 8th grade to take this class if your student is not ready.

<http://mathusee.com/placement/assessments/pre-algebra-placement-assessment/>

FUNDAMENTALS OF MATH meets Tuesday and Thursday for 2 - 15 week semesters

Book: *Supplied by Teacher*

Since homeschooled students come from many different math curriculums, we highly recommend students take this FUNDAMENTALS class to ensure they have the skills to move forward and be

successful in math in Pre-Algebra and High School. This class will cover methods of attack; learning to think methodically and logically, neatness, speed drills, math facts, review of multiple number addition, subtraction, multiplication and division; long division, fractions, decimals, percents and how to interpret word problems. For 6th and 7th graders.

BOOK CLUB

Book to purchase: None

Book Club students will build reading and analytical skills by listening to a book that is read aloud and discussing the book, working together to help understand the text. Students will engage in vocabulary and comprehension questions as well as character development and biblical lessons. Class discussions give students a chance to ask questions and voice opinions. Along with reading a book together, each student will have a chance to read a book of their choice and present a book report for the class. Teacher supplies read-aloud books.

MS ART CLASS

Book to purchase: None

We will explore the different ways artists make creative and successful works of art. We will learn about the basics of composition and practice creativity in a variety of media. Along the way we'll learn about artists, becoming familiar with their styles and pieces.

VOCAL ENSEMBLE MS/HS

Book to purchase: None

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.

8th GRADE THURSDAY BLOCK OF CLASSES

SCIENCE LAB 8 – Please note new edition!

Book to purchase: Exploring Creation with Physical Science 3rd Edition ISBN 978-1-946506-51-1

Book to purchase: Solutions and Tests ISBN 978-1-946506-52-8

Book to purchase: Student Notebook ISBN 978-1-946506-54-2

apologia.com

This course covers topics such as the atmosphere, hydrosphere, weather, structure of the earth, gravity, chemistry, physics of motion, Newton's Laws, electricity, sound waves, light, and astrophysics. This class is the Lab portion only. Students read the chapter and test at home. Labs, notebook, and test grading occur in class.

COMPOSITION 8

Book to purchase: WriteShop 2 (Kautzer, Oldar) 5th edition

writeshop.com Demme Learning #7066

WriteShop 2 teaches students to write and edit persuasive, compare/contrast, and descriptive essays. Students work on the components of an essay, including thesis statements, while also learning to work within a time limit. In each lesson, students will apply skills, such as outlining and use of parallel sentence construction as they brainstorm, outline, edit, and revise their compositions resulting in well-structured and polished writings.

WORLDVIEW

Book to purchase: Supplied

The first semester will be invested in an overview of Christianity. The second semester will be spent considering other religions in light of a Christian Worldview. We will be interacting with Bible passages and John Blanchard's book, *Right with God*, as well as regular dialogue about current events from a Christian worldview. *So What's the Difference*, by Ridenour, will be used second semester. No text to purchase – OliveTree supplies books.

8th GRADE OPTIONAL CLASSES

PRE-ALGEBRA meets Tuesday and Thursday for 30 weeks

Book to purchase: Math U See Pre-Algebra Level Up Base Set (materials for parent, student)
mathusee.com

With students coming from many different math curriculums, we highly recommend students take the Pre-Algebra class at OliveTree to prepare for high school math at OliveTree. Please ensure your student is ready for Pre-Algebra by taking this placement test (copy URL below and paste in your browser) <http://mathusee.com/placement/assessments/pre-algebra-placement-assessment/>

ALGEBRA 1 meets Tuesday and Thursday for 2 - 17 week semesters – This is a High School class

Book to purchase: Required: MATH U SEE Algebra 1: Principles of Secondary Mathematics Student Pack (Student workbook & tests only)

<https://store.demmelearning.com/algebra-1-psm-student-pack.html>

Suggested: Universal set (Student materials and digital access to teaching materials and answers)

<https://store.demmelearning.com/algebra-1-psm-universal-set.html>

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 Algebra course will require students to be proficient in all topics covered in Pre-algebra and have a strong ability to work with fractions. To ensure your student is ready for Algebra 1, students should work through the readiness and bridge materials (determines placement) on the Math U See website:**

https://demmelearning.com/wp-content/uploads/2022/10/A1_PSM_Readiness-Materials_10-26-22.pdf

Some of the skills needed to start Algebra include: Proficiently add, subtract, multiply, and divide whole numbers, fractions, mixed numbers, and decimals; Convert between a fraction, decimal, and percent; Solve one-step equations; Plot points on a number line and coordinate grid; Perform operations with integers, fractions and exponents; Write an algebraic expression to solve a word problem. **Please make sure your student is ready, it may be wise to wait until 9th grade.**

BOOK CLUB

Book to purchase: None

Book Club students will build reading and analytical skills by listening to a book that is read aloud and discussing the book, working together to help understand the text. Students will engage in vocabulary and comprehension questions as well as character development and biblical lessons. Class discussions give students a chance to ask questions and voice opinions. Along with reading a book together, each student will have a chance to read a book of their choice and present a book report for the class. Teacher supplies read-aloud books.

MS ART CLASS

Book to purchase: None

In this class, students will explore the exciting world of printmaking. They will make block prints, reduction prints and even screen print their own designs. Second semester they will explore different

media: colored pencil, oil pastel and cut paper among others. Along the way, students will learn about artists, becoming familiar with their styles and pieces.

VOCAL ENSEMBLE MS/HS

Book to purchase: None

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.