



Curriculum at The Oaks School 2019-2020

Reading/Phonics - Lower Grades

The Oaks School uses the All About Reading spelling and phonics program for grades PreK-2nd grade. All About Reading is a multi-sensory program that teaches phonics in a fun and engaging way. Students complete activities using sight, sound, and touch to help them become fluent readers with a love for reading. All About Reading is based on the Orton-Gillingham approach, which was originally designed to help students with dyslexia, but is now known to be an effective program for all types of learners. Students will be placed in reading groups that best match their skill level, so they can develop a positive association with reading without any gaps.

Reading and English - Upper Grades

Grades 3 and above uses Bob Jones Press Reading and English. Reading skills focus on fluency, reading comprehension, and analysis of the text with a variety of interesting stories and novels. The recently updated program includes colorful, engaging material, so that students look forward to reading time each day. Students in older grades are encouraged to develop and apply critical thinking skills as they analyze the literature pieces in light of a Christian worldview. The English program alternates a chapter of grammar followed by a chapter of writing, so that students learn to apply grammar skills towards the goal of becoming a strong writer.

Math - Grades PreK-6th

We are currently using Horizons Math for grades Pre-6th grades.

Math - Upper Grades

7th Grade: Students in seventh grade take pre-algebra using the Bob Jones curriculum.

8th Grade: Students in 8th grade have the option of taking Pre-algebra or Algebra 1. They both use the Bob Jones curriculum.

9th Grade: Students in 9th grade have the option of taking Algebra 1 or Geometry. They both use the Bob Jones curriculum.

10-11th Grade: Students in 10-11th grade take Geometry with the Bob Jones Curriculum.

Science - Lower Grades

In 2019-2020, students in grades K5-6th grade will be using Apologia Science, Swimming Creatures of the Fifth Day. Apologia Science offers a rich science text with interactive experiment and lively discussions. The material illuminates the amazing

wonders of God by showing the animals that filled the Earth's waters. Exploring Creation with Zoology 2: Swimming Creatures of the Fifth Day covers swimming creatures from the microscopic to the massive. Students will use a note-booking journal to learn to take notes of their reading as well as hands-on experiments and projects. Students master the material in class and use review games before tests, so studying for tests should take minimal time at home.

Science - Middle School/High School

7th Grade: Apologia General Science

Designed to be a student's first systematic introduction to the sciences, Apologia's 7th-grade *Exploring Creation with General Science, 3rd Ed.* explores broad topics such as the scientific method, designing experiments, simple machines, geology, archaeology, biology, and more, with a large focus on Earth Science (astronomy, meteorology, oceanography, earth study, geology, paleontology, and environmental science). Hands-on experiments are included throughout, giving students practical experience as they discover the principles behind science and learn how to record and report data. Presented in a conversational format, the author walks students through how to complete experiments, how to identify important parts of information they read, and how to take notes. The final module is a project of creating a Rube-Goldberg machine, incorporating many of the scientific principles they learned throughout the year. Students will learn to see God's hand in all of life as they learn about the world He made; they will also read testimonies from modern-day scientists who interpret data through a Christian worldview.

8th Grade: Apologia's Physical Science (1 high school credit)

In this study of Physical Science, students are introduced to the stunning world we live in, as well as the universe around it. From the composition of air to icebergs to astrophysics, students receive thorough lessons in each element of the physical world. Sixteen modules are included, that are designed to be completed in a total of 32 weeks time, though the course can be adjusted to your own needs. "On your own" questions throughout the text are designed to help cement concepts, while "Study Guide" questions prepare for tests. All information that must be memorized is centered and in bold text, and all definitions and important terms are also bolded. Experiments using only household equipment, graphics, illustrations, charts and other visual representation of various concepts are also included for maximum clarity. This second edition is newly updated, with more color illustrations and higher-quality drawings. Fuller responses to student questions; easy-to-perform (and more engaging!) experiments; in-text graphics for online resources; additional material for advanced learners; and an extra test booklet (sold separately) are also new improvements. Topics include the atmosphere; hydrosphere; weather; structure of Earth; environmentalism; physics of motion; Newton's laws; gravity; and astrophysics. 510 pages, hardcover.

9th-11th Grade: Students have the option of taking Biology or Chemistry.

Biology, Apologia

Exploring Creation With Biology is a college-prep biology course that provides a detailed introduction to the methods and concepts of general biology. Heavily emphasizing the vocabulary of biology, it provides the student with a strong background in the scientific method, the five-kingdom classification scheme, microscopy, biochemistry, cellular biology, molecular and Mendelian genetics, evolution, dissection, and ecosystems. It also provides a complete survey of the five kingdoms in Creation. Students who take and understand this course will be very well-prepared for a tough university biology course.

Chemistry, Bob Jones

Chemistry (3rd ed.) guides students in investigations of atomic theory, chemical composition and reactions, stoichiometry, gases, thermodynamics, kinetics, and more. The chemistry text promotes analytical thinking and inductive problem-solving skills through many exciting chemistry experiments.

History - PreK-11th Grades

Students in PreK and K use a variety of hands on lessons to learn about cultures and continents.

Students in grades one through five will complete the Heritage Studies series by Bob Jones Press. This program includes history, geography, and cultural studies from a Christian perspective. Students will study famous historical figures including leaders and missionaries.

6-7th Grade: Due to a large number of previous homeschool students, students in 6th-7th grade had not taken an Alabama History class. Therefore, these students are taking Alabama History in 2019-2020. They are using the textbook *Alabama, Our Beautiful Home*, by Clairmont Press. The book includes beautiful illustrations, maps, portraits of famous Alabamians, charts, graphs, and rich stories of Alabama History.

8th Grade BJU Heritage Studies - *World Studies* provides a fresh look at the civilizations of the world through the lens of a Christian worldview. The course begins with a brief review of history from Creation to the coming of Christ and progresses in a chronological journey around the world studying the ebb and flow of empires, cultures, Christianity, and world religions, concluding with an examination of the trends of the emerging 21st century.

9th-11th Grade* BJU Heritage Studies - US History Part Two

United States History teaches students about the development of the United States as a nation in order for them to become informed and empowered citizens. The course

begins with early American settlement, then moves on through the formation and early years of the nation, the Constitution, and the many challenges that have threatened survival. Students will develop their critical thinking skills as they learn to use their knowledge of the nation's history to make informed decisions about issues on a local, state, and national level.

**Some programs may change for the 2020-2021 school year based on evaluations by teachers and administration.*