

Courses in Bible

Bible 7

The Sojourns of Ancient Israel: An Old Testament Journey of Discovery Travelogues take learners directly to Old Testament scripture, freeing the imagination and allowing the quest for quality interdisciplinary learning to happen. Students will begin in Genesis 1:1 with the Creation of the World, and will write, illustrate, and present on the major Biblical accounts of the Old Testament. Students will complete weekly journal entries, chapel notes, and participate in a special unit on the season of Advent and Lent.

Bible 8

This eighth grade class is designed around the purpose to know, love, enjoy, and magnify God. Students will learn more about God through His names, His attributes and His interactions with His people and the world. The curriculum for this year's Bible class, in addition to His Word, consists of the series *That the World May Know*, whose purpose is to help students better understand God's purpose for their lives, to deepen their love for and faith in our Lord, to develop a Christian worldview, and to train them to actively live out their faith in a culture of confusion and relativism. Our studies will be supported by practical applications, Scripture study and memorization, homiletics and prayer.

Career and Technology Elective Courses

Coding

Arduino CTC 101 is a modular STEAM program consisting of a toolbox with 26 projects and easy-to-assemble experiments, an online platform, and guided training. The program has 5 modules and introduces students to the foundations of programming and basic coding, Arduino boards and digital signals, analog signals and serial communication, robotics, power systems and motors, wireless communication via Bluetooth and advanced sensors.

Key Learning objectives: Programming Basics, Functions, coordinates, Variables, Data Types, Programming Structure, Serial Communication, Robotics, Electronics, Communication, Mechanics, Digital Inputs/Outputs, Binary System, Programming Loops, Wireless Communication.

Food Science

In this class, students will learn about the science behind different types of foods and the chemical reactions they have to make common things that people love to eat. This class involves classroom time with videos, tests and quizzes, and readings from various sources. In addition, there will be lab time in the kitchen doing experiments for fun and experiments for consuming, knife skills practice, safe food handling practice, discussion and practice of manners in the kitchen and at the dinner table, and more. Students may also on occasion have the opportunity to participate in catering special events for middle school functions and go on field trips.

Home Economics

Students will be introduced to a wide variety of life skills. Students will learn the basics of hand sewing, party planning, table manners, and how to plan a budget. Students will also learn about basic car maintenance – including how to change a tire. Students will also complete several projects that include making a blanket and creating a sock monkey. Students will also experience responsibility through caring for a flour sack baby.

Media

Technology in Media is a tool that will be developed to achieve the larger purpose of enhancing communication in all areas of the students' school work and future jobs. We present nearly every project. Most of the work is done in class. There may be some homework responsibility of the student to complete on their own.

Specific themes/tools that we will cover to some degree:

- **Google Docs, Sites** (Communication, Collaboration)
- **Publishing** - Publisher (Communication, Creativity)
- **Photo/Video uploading & sharing** ((Visual) Communication, Collaboration)
- **Image Editing** - Photoshop, Fireworks (Communication, Creativity)
- **Movie Critic and Evaluation** (Creativity and Critical Thinking)
- **Presentation tools** - Powerpoint, Google Presentations, Slide Share (Communication, Collaboration)
- **Marketing**

The expectation is each student will WORK as if they are creating projects for a boss. Students present each project to the class. Each student learns to be a kind but truthful evaluator. Students will serve each other and the school with the creations prepared in Media.

Robotics

In this Elective course, you will learn the basics of Robotics in a step-by-step fashion. You will be given design challenges that will take imagination to solve, both in design and programming techniques. There is no defined end point where we will declare that we have learned all that we can, or that you will have made everything that can be made with the equipment you will be supplied. We will take this course as far as we can in one semester, leaving time at the end for a final Challenge.

Word Processing

Using a web-based curriculum designed for use in schools, this course will help students develop speed and accuracy in typing skills.

Courses in English

English 7, English 8

The teaching of writing and oral communication through this course fosters an appreciation of language as a gift from God through the development of proper English grammar in both written and oral communication. Units foster the development of written expression with emphasis on using the writing process in various forms of compositions. There is also a focus on oral expression with emphasis on effective speaking during group discussions, speeches, and answering questions in class. Writing strands incorporate understanding the different purposes of writing, the process of developing a piece of writing, use of English conventions of print to write with clarity, and researching to build knowledge for the purposes of informative/explanatory writing. Oral expression strands incorporate some of the Six Traits of Public Speaking, group communication, and respectful question/answer response.

Fine Art Elective Courses

Art

This is a one semester course in which students will explore terminologies related to art using various mediums, such as pencils, crayons, pens, pastels, charcoal, watercolor and acrylic paint. Students will create miniature sculptures with polymer clay, and construct a paper mache animal. During the semester, students will submit a sketch book with twenty drawings, ten of which will be Biblically based.

Band

This is a performance-based class in which students have the opportunity to grow as musicians while worshipping God. Band students will further their musical skills and knowledge while cultivating commitment, teamwork and leadership. Participation in group performances is required, as is weekly individual practice. Opportunities for individual performances will also be made available.

Drama

In the fall, students will rehearse and perform in the annual school Christmas musical in partnership with the Liberty Christian Elementary Music Drama Club. In the spring, students will hone their drama skills and perform a spring show in a variety of venues such as the Middle School Showcase or a chapel service.

Marimba Band

Marimba band is a fine arts elective offered to all high school students. Students learn advanced marimba band music taught in the tradition of the Zimbabwean-Shona marimba bands of West Africa. This is a performance-based course, with ensemble skills being at the heart of the learning process. This group performs through the Tri-Cities community. No previous music experience required.

Media

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Specific themes/tools that we will cover to some degree:

- **Google Docs, Sites** (Communication, Collaboration)
- **Publishing** - Publisher (Communication, Creativity)
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Music Appreciation

This class is designed to foster understanding and enjoyment of music as a unique gift of God, through which we can praise Him. The class is made up of several short units on diverse musical topics, some of which are extremely “hands on” and some more “academic” in nature. Topics may include but are not limited to: how to read music, percussion, songwriting, music and our brains, piano, history of music, musicals, and music in the church.

Courses in Foreign Language

Spanish I (High School Credit Available)

This course covers the basics of the Spanish language, especially as it is spoken in Latin America. The student should be able to meet basic survival needs and courtesy requirements, such as greetings, asking and answering simple questions and giving name and age. They will learn to perform functions such as ordering a meal, making purchases, following directions, and creating small talk about family, church, sports and school. The students will be able to relate events in present tense, future tenses, and to an extent, express preterite tense. They will be taught gender, number and subject-verb agreement. A unit is taught to enable students to give their personal testimony that can be used on mission trips.

Courses in Health & Fitness

MS Physical Education

Physical Education is taught at Liberty Christian School as an essential component in a ‘whole person’ curriculum. It is our intent that each student be well-rounded and continue to increase in ‘wisdom and stature, and in favor with God and men (Luke 2:52) as modeled by our Savior Jesus Christ. Scripture indicates that there is value in bodily exercise (1 Timothy 4:8) and that our bodies are the temple of the Holy Spirit which lives in us (1 Corinthians 6:19-20). Therefore, we are to honor God with our bodies, serving Him as intended by our creation. We teach students the joy and benefit of healthy physical activity. Physical Education will serve as a bridge for development of mind, body, and soul. Students will be introduced to a variety of activities that aim towards improving flexibility, mobility, strength, coordination and sportsmanship.

Courses in Mathematics

Fundamentals of Math (7th grade only)

This class is an introduction to pre-algebra. It was designed to smooth the transition from 6th grade Math to Pre-Algebra. Prentice Hall Course 2 Mathematics presents upper-level concepts in a lower-level manner providing guidance to help students select thought patterns that are productive. At the completion of this curriculum, students will be prepared for the same types of problems that will appear in Algebra $\frac{1}{2}$, where less guidance is provided.

Pre-Algebra

This class is designed as an introduction to algebra. Prentice Hall Course 3 Mathematics presents upper-level concepts and providing guidance to help students select thought patterns and formulas that are productive. At the completion of this book, students will be well prepared for the types of problems which will appear in Algebra 1, where less guidance is provided.

Algebra 1 (High School Credit available)

You will learn to reason symbolically in this first year algebra course. The key content involves writing, solving, and graphing linear and quadratic equations, including systems of two linear equations in two unknowns. Quadratic equations are solved by factoring, completing the square, graphically, or by application of the quadratic formula. The course also includes study of monomial and polynomial expressions, inequalities, exponents, functions, rational expressions, ratio, and proportion. Students will apply Algebraic skills in a wide variety of problem-solving situations.

Courses in Science

Science 7

Life Science

This course surveys the major areas of life sciences, with emphasis on concepts that are significant to all Christians. Major topics include Life and Cells, Genetics, Biblical Creationism, Plant Biology, Vertebrates and Invertebrates, and Body Systems.

This course will be heavy on Class participation and presenting of Labs and projects. There will be times throughout the year where you will be working on a project with a partner that may take up to five or six weeks to complete.

Science 8

This course surveys the major areas of earth sciences, with emphasis on concepts that are significant to all Christians. Major topics include Geology, Earth's Rocky Materials, Oceans and Rivers, Our Solar System, and Weather and Climate.

This course will be heavy on Class participation and presenting of Labs and projects. There will be times throughout the year where you will be working on a project with a partner that may take up to five or six weeks to complete.

Courses in Social Studies

Washington State History (HS Graduation Requirement)

This course surveys the history of the Pacific Northwest from a Christian perspective. The course begins with an overview of the geography of the region. The course then proceeds with units that study the PNW's native residents, following with the explorers, fur traders, missionaries, and pioneers. After giving attention to the PNW's formative peoples, the course examines the transformation of the land with the building of towns and the different types of industry in the PNW. The course finishes by examining recent times in the PNW and its civil government.

History 7: World History

This course presents a chronological survey of world history from 1100 AD to the present, focusing on the geography, history, government, economics, religion, and culture of the world's major civilizations and movements. The course begins by explaining why world studies are important, with an introduction to culture and geography. The course continues with an examination of the revival of towns in Europe. Following is a study of the Renaissance and Reformation. We continue with our study of global exploration, and end the semester with a Person of Significance biography project.

History 8

This eighth grade class presents the history of the United States from a Christian perspective and a high view of God. It is designed to give students a deeper understanding of our nation's history as it unfolds beginning with Viking and Venetian exploration through World War II including a working knowledge of pertinent geographical locations. As students are transported back into time through a variety of activities, they will be challenged to explore the principles and people behind the events of American history. The goals of this course are to show God's sovereignty and perfect timing in the unfolding of our nation's history, to appreciate the role of individuals in forming our nation, and to encourage thought-provoking life applications while utilizing higher levels of thinking.