



# **FAITH CHRISTIAN**

## **Middle School Course Descriptions**

**2021-2022**

Course prerequisites, corequisites, considerations and fees are listed only when applicable to specific courses.

### **Sixth Grade**

**Sixth grade continues helping students make the transition from the elementary classroom to the independence required in the middle school setting. Initially, students are given support in executive management as they learn to deal with requirements across a variety of classes and teachers. As the year continues, students become more independent and need less assistance.**

#### **Bible (Boys & Girls)**

This year-long Bible course investigates Biblical character traits through a variety of experiences with the Bible as the primary text.

Objectives:

- Study God's Word to grasp the reliability of Scripture, who we are in Christ, and a general overview of the death and resurrection of Christ.
- Address the importance of Christ-like character exploring over 25 traits throughout the school year.
- Understand definitions, descriptions, and examples of Godly, Christ-like character.
- Explore positive implications of applying biblical traits and why these traits are essential for Christ-followers
- Understand consequences for not applying the trait.
- Develop personal, practical ways to apply each trait for everyday living.

#### **Language Arts 6**

The Language Arts 6 course is designed to continue the development of students to effectively communicate with others, and to understand what others communicate to them, through both written and oral forms.

Objectives:

- Focus on the basic skills of writing, speaking, reading, and writing taught from a biblical worldview.
- Use Daily Oral Language Plus and leverage English Made Easy
- Apply both grammar practice and the Six Traits +1 for Writing
- Utilize Sadlier-Oxford's Vocabulary Workshop and Mosdos Press Literature Anthology
- Reinforce concepts through IXL Language
- Assess reading progress through Scholastic Reading Counts
- Apply learning concepts in the context of reading novels.

## Math 6 Fundamentals

The sixth-grade basic math program is designed to help students learn new math while providing continuous practice on all previous concepts learned. Working hard and putting forth great effort inspires the motivation for I Corinthians 14:40: "Let all things be done decently and in order."

Objectives:

- Transition from arithmetic to pre-algebra.
- Master place value, whole numbers, fractions, mixed numbers, and decimals in all operations.
- Explore the concepts of area, measurement, percent, ratio, order of operations, and the fundamentals of geometry.
- Practice the fundamentals of math and concepts seen in pre-algebra, but with a more basic approach to prepare the student for further study in pre-algebra.

## Math 6

This math program is designed to help students learn new concepts while providing continuous practice on previously learned skills using the Saxon Course 1. A general strategy is to use daily lessons and continually review previously taught lessons.

Objectives:

- Practice in number and operations, algebra, geometry, measurement, data analysis, probability, and problem solving.
- Achieve a deeper understanding and successful retention of the material.
- Bridges the student from the emphasis on mathematical calculations to an application-based approach, including several step problems to prepare students for higher levels of mathematical thinking.
- Facilitate learning by using whole class instruction, fact practice, mental math, manipulatives, IXL practice and written practice.

## Advanced Math 6

This program is designed to reinforce previously learned mathematical concepts while continuing to expand math skills through practice and investigation. This level focuses on Computation and Problem Solving including "Properties of Numbers and Operations, Estimation, Ratio and Proportion Reasoning, Variables, Equations and Inequalities, Lines, Angles and Polygons, Coordinate Geometry, Data Collection and Representation." Saxon Course 2 provides a series of daily lessons, each followed by a set of 30 problems.

Objectives:

- Practice and review lessons that have been previously taught.
- Develop confidence in their math abilities and further their own understanding and application of mathematics through continued practice.
- Emphasize constant review with new concepts being introduced incrementally throughout the year.
- Promote a greater depth of understanding and long-term retention.
- Facilitate learning, using whole class instruction, fact practice, mental math, manipulatives, IXL practice and written practice to reach the goal of competency in presented concepts.

## Science 6

The sixth-grade science program is designed to introduce human anatomy and physiology to develop an understanding of God's creation and His Biblical plan for man within His creation. The course is filtered through Psalm 139, "Wonderful are Thy works..... My frame was not hidden from Thee when I was made in secret".

Objectives:

- Survey major topics in life science focusing on human anatomy/physiology and the diversity of God's creation through multicellular systems.
- Develop an understanding of cell structures as the basis of all life and an understanding of body system functions as well as interaction between systems.

## Advanced Science 6

In the first semester of sixth grade, advanced science students study Life Science, which outlines the major topics of biology and introduction to environmental science. The second semester covers an introduction to physical sciences (physics) including forces and motion.

Objectives:

- Understand the complexity and vastness of God's creation and from that knowledge develop a lifelong appreciation for life and our world.
- Master topics including scientific method, classification, cells, genetics, the five kingdoms, ecosystems, and natural resources.
- Survey a broad overview of major topics within the physical sciences.
- Explore a general knowledge of the natural and physical laws that govern God's creation.
- Master topics like matter, atoms, physical and chemical properties and changes, forces and motion, work and machines, energy, electricity, and magnetism.

## Social Studies 6

Students study ancient world history: the story of what man has done with the time God has given him in the eastern hemisphere. Students study both world history and geography incorporating sound principles based on the Word of God.

Objectives:

- Examine the history of Asia, Africa, and Europe and what their early civilizations were like up to present day events.
- Learn important governmental and historical principles as well as study famous people in history and their contributions.

## Seventh Grade

In seventh grade, we promote a positive learning environment and one where students feel invited to share their views, and utilize unique or creative teaching methods, activities, or assignments.

### Bible (Boys & Girls)

The emphasis for both girls and boys in 7th grade is rooting their identity in Christ alone.

- Study the Old Testament Narratives, Characters, and History
- Discover how the people of God paved the way for a life with Christ.
- Trace connections of the Old Testament to the New Testament
- Apply the lessons learned to their life in Middle School and beyond.

### Language Arts 7

This course is designed to teach the student to communicate clearly and to enable the student to understand and evaluate what they hear and read through a biblical worldview. In addition, a goal is to provide students with the tools that they need to engage in Intelligent discourse, either verbally or in print.

- Emphasize the basic skills of reading, writing, speaking, listening, and studying.
- Explore a variety of genres through writing, listening, and reading.
- Understand the English language to share their faith in Christ boldly and confidently.
- Perform exercises in reading, writing, grammar, spelling, and vocabulary, students will increase their abilities to express what the Lord has called all of us to share: The Gospel of Jesus Christ.
- Utilize MOSDOS Press Literature (Jade), and MOSDOS Press Student Activity Workbook (Jade)
- Leverage grammar practice.
- Apply learning concepts in the context of reading novels.

### Math 7 Fundamentals

This math program is designed to help students learn new math while providing continuous practice on all previous concepts learned. Working hard and putting forth great effort inspires the motivation for I Corinthians 14:40: "Let all things be done decently and in order."

Objectives:

- Transition from arithmetic to pre-algebra.
- Practice the fundamentals of math and upper-level concepts seen in pre-algebra, but at a more basic level.
- Master topics including whole numbers, fractions, mixed numbers, and decimals in all operations.
- Explore the concepts of area, measurement, percent, ratio, and order of operations.
- Explore the fundamentals of geometry to prepare for further study in pre-algebra.

## Math 7

This program is designed to reinforce previously learned mathematical concepts while continuing to expand math skills through practice and investigation. This level focuses on Computation and Problem Solving including "Properties of Numbers and Operations, Estimation, Ratio and Proportion Reasoning, Variables, Equations and Inequalities, Lines, Angles and Polygons, Coordinate Geometry, Data Collection and Representation." Course 2 provides a series of daily lessons, each followed by a set of 30 problems.

Objectives:

- Practice and review lessons that have been previously taught.
- Develop confidence in their math abilities and further their own understanding and application of mathematics through continued practice.
- Emphasize constant review with new concepts being introduced incrementally throughout the year.
- Promote a greater depth of understanding and long-term retention.
- Facilitate learning, using whole class instruction, fact practice, mental math, manipulatives, IXL practice and written practice to reach the goal of competency in presented concepts.

## Advanced Math 7 (Pre-Algebra)

The advanced pre-collegiate eighth grade math program is designed to help students learn new math concepts while providing continuous practice on all previous concepts learned. Saxon Course 3 provides a series of daily lessons, each followed by a set of 30 problems.

Objectives:

- Apply over 50% of the questions in word problem format to allow the students to create and nurture their problem-solving capabilities.
- Working hard and put forth great effort inspires the motivation for 1 Corinthians 14:40: "Let all things be done decently and in order."
- Prepare the students for entry in Algebra.
- Master the following topics: Equations, Decimals, Integers, Number Theory, Rational Numbers, Ratios & Percent, Geometry, Statistics, and Graphing.

## Science 7

In the first semester of seventh grade, students study Life Science, which outlines the major topics of biology associated with Earth Systems science. It is intended to give the student an understanding of the complexity and vastness of God's creation and from that knowledge develop a lifelong appreciation for life and our world.

Objectives:

- Master topics including scientific method, classification, cells, genetics, the five kingdoms, ecosystems, and natural resources.
- In the second semester of seventh grade, students study physical science.
- It gives a broad overview of major topics within the physical sciences.
- The goal of this course is to give the student a general knowledge of the natural and physical laws that govern God's creation.
- Master topics including matter, atoms, physical and chemical properties and changes, forces and motion, work and machines, energy, electricity, and magnetism.

## Advanced Science 7

The goal of this course is to challenge students by deepening their faith through the study of God's design from the simplest molecules to the most complex galaxy. A key concept is that God has given us all the ability to reason with our minds and to understand His revelation from the Bible through the Holy Spirit.

Objectives:

- Gain a greater appreciation for the complexities of God's handiwork which is evidenced in the natural forces, and the earth's complex systems.
- Study science content and be challenged with practice and test questions which may involve reading comprehension of scientific articles and applied knowledge questions designed to develop critical thinking skills.
- Work independently and in groups to complete in-class and homework assignments, labs, and projects.
- Learn study and organizational skills in the context of applied science.
- Complete formal lab write-ups, a brochure style newsletter, along with a group video project on a science topic of their own choosing.
- Develop advanced critical thinking skills.
- Challenge students with activities, worksheets or challenge test questions involving complex graph interpretation and logic problems like those they might encounter on high school standardized tests.

## Social Studies 7

In this course students study the chronological history of the world from the end of the Roman Empire to early modern times. First semester focuses on world history, including Asia, Africa, and the Middle East. Second semester focuses on European history.

Objectives:

- Emphasize God's perspective of this period of history and how it has affected our world today.
- Understand how History plays a key role in the world we live in today and how we as Christians should respond to the issues occurring around us.
- Examine history using God's Word as the foundation.

## Eighth Grade

In eighth grade, we pursue a curriculum which develops study skills, fosters a strong work ethic, and sets high expectations as a foundation to prepare students for their high school career. We engage in activities to encourage learners to base their opinions on evidence.

### Bible (Boys & Girls)

8th grade Bible builds on the foundation that has been set in previous Bible classes in order that students are better able to articulate, defend, and cultivate their faith after graduating 8th grade.

Objective:

- Learn about how to Love God and Others with the unique skills God has gifted them.
- Incorporate a knowledge of the Gospel which they are charged with advancing.

### Language Arts 8

This class is designed to teach the student to communicate clearly in the written word as well as in speaking within the context of a Biblical worldview.

Objectives:

- Improve student's reading in comprehension and analysis, being able to understand and evaluate what they hear and read.
- Increase their vocabulary and grammar and punctuation usage.
- Emphasize basic skills of writing, reading, analyzing, studying, and speaking.
- Read four assigned books and four free-choice books, writing on various topics and in various forms, working through vocabulary units, and learning grammar and usage rules.

### Math 8 Pre-Algebra Fundamentals

The eighth-grade pre-collegiate math program is designed to help students learn new math concepts while providing clear and straight forward computation practice on each concept learned with repetitive practice of each concept. This curriculum is straight forward with fewer word problems and more calculating. Working hard and putting forth great effort inspires the motivation for 1 Corinthians 14:40: "Let all things be done decently and in order."

Objectives:

- Master the concepts more swiftly and more application and problem-solving practice.
- Prepare the students for entry in Algebra.
- Master the following topics: Equations, Decimals, Integers, Number Theory, Rational Numbers, Ratios & Percent, Geometry, Statistics, and Graphing.

### Math 8 (Pre-Algebra)

The pre-collegiate eighth grade math program is designed to help students learn new math concepts while providing continuous practice on all previous concepts learned. Saxon Course 3 provides a series of daily lessons, each followed by a set of 30 problems.

Objectives:

- Apply over 50% of the questions in word problem format to allow the students to create and nurture their problem-solving capabilities.

- Working hard and put forth great effort inspires the motivation for 1 Corinthians 14:40: “Let all things be done decently and in order.”
- Prepare the students for entry in Algebra.
- Master the following topics: Equations, Decimals, Integers, Number Theory, Rational Numbers, Ratios & Percent, Geometry, Statistics, and Graphing.

## Advanced Math 8 (Algebra 1)

The advanced pre-collegiate eighth grade math program is designed to help students give them the foundation they need to successfully move into higher levels of math. Saxon Algebra 1 provides a series of daily lessons, each followed by a set of 30 problems.

Objectives:

- Introduce the traditional first-year algebra topics.
- Foster the develop of higher order thinking skills.
- Apply real-world application skills, and reasoning.
- Understand interconnecting math strands.
- Focus on algebraic thinking through multiple representations, including verbal, numeric, symbolic, and graphical, while graphing calculator labs model mathematical situations

## Science 8

The goal of this earth and space course is to challenge students by deepening their faith through the study of God's design from the simplest molecules to the most complex galaxy. A key concept is that God has given us all the ability to reason with our minds and to understand His revelation from the Bible through the Holy Spirit.

Objectives:

- Gain a greater appreciation for the complexities of God’s handiwork, which is evidenced in the natural forces, and the earth’s complex systems.
- Study science and be challenged with practice and test questions which may involve reading comprehension of scientific articles and applied knowledge questions designed to develop critical thinking skills.
- Work independently and in groups to complete in-class and homework assignments, labs, and projects.
- Learn study and organizational skills in the context of applied science.
- Complete formal lab write-ups, a brochure style newsletter, along with a group video project on a science topic of their own choosing.

## Social Studies 8

The 8th grade social studies program is designed to help students understand the chronological history of the United States. All of this will be taught according to 1 Corinthians 10:11 which states, “These things happened to them as examples and were written down as warnings for us, on whom the fulfillment of the ages has come.”

Objectives:

- Examine many sociological areas concerning the development of our unique society.
- Focus of this course will be on the geography, people, events and ideas that have helped to shape this nation’s history, economy, politics, popular culture and identity.



- Analyze how the actions of the American people throughout the ages have influenced the nation in its present state.
- Learn to recognize God's hand in the developing nation, and how He has blessed the nation throughout different time periods.
- Compare and contrast current events and social issues as they relate to topics throughout the year.

## Advanced Science 8 (Earth Systems Science)

Students will learn how our world and earth's systems provide an environment that sustains life for all living things. Students will receive Faith Christian High School credit for this course.

### Objectives:

- Develop critical thinking as it relates not only to the science and politics but also the theology of the environment and God's creation.
- Explore a biblical worldview of the environment as the framework for our study throughout the year.
- Focus on critical thinking where the book is not seen as the authoritative voice, but merely one of the voices being expressed on the stewardship of the environment.
- Examine human's impact and place in the environment and how those changes may be affecting both our local and global world.
- The laboratory activities, discussion, quizzes, concept checks and the module tests will all be in-seat classroom work.
- Apply unit concepts and other online activities in homework.
- Complete formal lab write-ups, a brochure style newsletter, along with a group video project on an ecology topic.
- Cover topics of Earth's biomes, ecosystems, population, global climate systems, and energy sources.
- Experience challenge activities, worksheets or challenge test questions involving complex graph interpretation and logic problems like those they might encounter on high school standardized science tests.

## Math Pathways

All Math Pathways are pre-collegiate. Math Pathways are in alignment with the Colorado Math Pathways defined by the Colorado Department of Higher Education. Quantitative Thinking Path presents concepts sequentially with some word problems. Statistics Path follows a spiral curriculum with increased word problems. Calculus Path is a spiral curriculum, increased word problems and working above one, or more, grade levels.

Faith Christian Academy Math Pathways are continued on the High School Course Descriptions – Math Department

Math Pathway	<u>Quantitative Thinking</u>	<u>Statistics Path</u>	<u>Calculus Path</u>
<b>Grade Level</b>	On-Grade Level	Advanced Courses On-Grade Level	Advanced Courses Above-Grade Level
<b>Intended College Majors</b>	Arts & Humanities majors	Social & Behavioral Sciences majors	Engineering/STEM, Health Sciences and some Business majors
<b>6<sup>th</sup> Grade Courses</b>	Math 6 Fundamentals (Bob Jones University Press)	Math 6 Course 1 (Saxon)	Advanced Math 6 Course 2 (Saxon)
<b>7<sup>th</sup> Grade Courses</b>	Math 7 Fundamentals (Bob Jones University Press)	Math 7 Course 2 (Saxon)	Advanced Math 7 (Pre-Algebra) Course 3 (Saxon)
<b>8<sup>th</sup> Grade Courses</b>	Math 8 Fundamentals (Pre-Algebra) (Bob Jones University Press)	Math 8 (Pre-Algebra) Course 3 (Saxon)	Advanced Math 8 (Algebra 1) Algebra 1 (Saxon)

## Science Pathways

Some science courses parallel courses in the Math pathways. Both the Arts & Humanities and Social & Behavioral Sciences Paths present on-grade level science course materials. The Engineering/STEM, Health Science Path presents an increased higher order thinking curriculum, advanced reading, and working above one-grade level.

Science Pathway	<i>Arts &amp; Humanities Path</i>	<i>Social &amp; Behavioral Sciences Path</i>	<i>Engineering/STEM, Health Science &amp; some Business majors Path</i>
Grade Level	<i>On-Grade Level</i>	<i>Advanced Courses On-Grade Level</i>	<i>Advanced Courses Above Grade Level</i>
6 <sup>th</sup> Grade	Science 6 (Intro to Human Anatomy & Physiology and Biology)		Advanced Science 6 (Intro to Life and Physical Sciences)
7 <sup>th</sup> Grade	Science 7 (Intro to Life and Physical Sciences)		Advanced Science 7 (Earth and Space Science)
8 <sup>th</sup> Grade	Science 8 (Earth and Space Science)		Advanced Science 8 (Earth Systems Science)  (for HS credit, strongly recommend 3 or more credits during 9-12)

## Electives

### Art

Grade: 6th-8th

Credit: 0.5 (Spring semester)

This course is designed for students who are interested in Art and want to strengthen the skills they have learned throughout grades K-5. This class may be taken one semester, per year in grades 6-8. Class may be taken one semester during both 7th and 8th grade with the permission of the instructor.

Objectives:

- Explore drawing using a variety of mediums including but not limited to pencil, ink, chalk, and oil pastel.
- Create a three-dimensional experience.

### Advanced Art

Grade: 7th-8th

Credit: 0.5 (Fall semester)

Students who take this class are chosen for their creative and artistic ability. They must be able to work independently on two to three projects at a time. This course is designed to push students to their creative limits and beyond.

Objectives:

- Create both two- and three-dimensional works using a variety of mediums including paint, pastel, and ink.

### Band

Grade: 6th-8th

Credit: 0.5 (semester)

The class offers instruction on woodwind, brass, and percussion instruments with a focus on the skills necessary for long-term student success in music. Students of any grade level or ability are welcome, although prior experience in playing an instrument is necessary (at least 6 months to a year). These groups will perform in the School's Band Concerts through the year. No audition is required for placement in Band - all that is necessary is the desire and motivation to study and practice a musical instrument.

Objectives:

- Fundamentals stressed include proper posture and playing position, development of characteristic tone quality and training in music literacy.
- Review and reinforcement of music reading, playing fundamentals and technique that are vital for lasting musical development.

## Choir

Grade: 6th-8th

Credit: 0.5 (semester)

The choir program targets the development of musicianship. These rewards are multiplied at FCA as we can pair the performances with praise and worship of our Lord Jesus Christ. These choral experiences are what many students will remember the most as they grow up. Working hard together as a group with the goal of making great music that glorifies our Lord is what makes choir a tremendous experience. Music motivates us.

Objectives:

- Develop overall confidence, breath support combined with basic components of healthy singing. Participate in performance choir and further develop vocal technique.
- Learn 3 and 4-part music in a mixed (SAB and SATB) voice setting.
- Explore listening skills, ear training, healthy vocal technique, sight-reading, and music theory.
- Understand good rehearsal etiquette.
- Introduce music in a variety of genres.
- Encourage a life-long appreciation of music and the arts, commitment, accountability, and cooperation.

## Clay & Ceramics

Grade: 7th-8th

Credit: 0.5 (semester)

This class gives students the opportunity to learn about ceramics. This class may be taken one semester only during either 7th or 8th grade.

Objectives:

- Learn to make simple vessels and structures using pinch, slab, and coil construction methods.
- Learn and discuss kiln loading and firing procedures.
- Create glaze pots and structures using underglazes and a variety of low-fire glazes.

## Computer Science and Programming Introduction

Grade: 6th-8th

Credit: 0.5 (semester)

This provides students with little or no programming experience, an understanding of the role computation can play in solving problems. It also aims to help students, to write small programs to accomplish useful goals.

Objectives:

- Nurture problem-solving skills, logic and creativity and provide a foundation for success in STEM careers.
- Solve problems through writing real code, while developing 21st century skills like multiple-step thinking, perseverance, critical and analytical thinking skills.

## Cooking

Grade: 7th-8th

Credit: 0.5 (semester)

Cooking class prepares students to cook and clean on their own.

Objectives:

- Know health and safety standards for working in restaurants.
- Understand food and knife safety.
- Demonstrate stove and fire safety.
- Explore methods of cooking.
- Understand the use of herbs/spices and rising agents.
- Prepare a complete meal from all 5 MyPlate Food Groups.

## Exploration in Writing Careers

This course will explore the application of effective written communication in careers with a focus on creative writing, storytelling, and journalism/newspaper.

Grade: 6th-8th

Credit: 0.5 (semester)

Objectives:

- Explore their God-given talent of creativity through writing.
- Learn to write journal entries, compose short stories, complete various writing projects, and work on the school newspaper.
- Understand how to gather information, organize ideas, format stories for different forms of news media, and edit stories for publication.

## Classical Theatre

Grade: 6th-8th

Credit: 0.5 (Spring Semester)

"...that the man of God may be complete, equipped for every good work" ~ 2 Timothy 3:17. The Faith Christian 6-8 grade Eagle's Theatre Troupe is designed ultimately to bring praise and glory to God. We will be focusing on what it means to commit your work to the Lord, and the results of such a commitment according to Proverbs 16:3 "Commit your work to the Lord, and your plans will be established."

Objectives:

- Demonstrate an understanding of the conventions of Pantomime.
- Demonstrate an understanding of the conventions of Greek Theatre.
- Demonstrate an understanding of the conventions of Kabuki Theatre.
- Demonstrate an understanding of the conventions of Shakespearean plays.
- Understand how to manipulate voice, posture and to communicate for different purposes. Demonstrate an understanding of blocking and stage movement, discussing what it is, who creates it, stage directions, orientation, and what the movements convey.
- Participate in culminating semester end program.

## Drama and Performing Arts

Grade: 6th-8th

Credit: 0.5 (Fall Semester)

"...that the man of God may be complete, equipped for every good work" ~ 2 Timothy 3:17. The Faith Christian 6-8 grade Eagle's Theatre Troupe is designed ultimately to bring praise and glory to God. We will be focusing on what it means to commit your work to the Lord, and the results of such a commitment according to Proverbs 16:3 "Commit your work to the Lord, and your plans will be established."

Objectives:

- Demonstrate an understanding of the conventions of Commedia Dell'Arte by performing in an improvised scenario.
- Characterization in a scripted or contributions in an improvised scene.
- Demonstrate ability to delivery speeches and monologues in front of an audience.
- Compose and present an original persuasive or demonstration speech.
- Understand how to manipulate voice, posture and to communicate for different purposes.
- Demonstrate an understanding of blocking and stage movement, discussing what it is, who creates it, stage directions, orientation, and what the movements convey.
- Participate in culminating semester end program.

## Enhanced Learning

Grade: 6th-8th

Credit: 0.5 (semester)

The Enhanced Learning class provides a supportive environment for students to organize class assignments and homework, projects, due dates, and everything else that goes into a 6-8 grade student's day.

Objectives:

- Develop and reinforce academic skills including effective organizational, study, and time management skills.

## Keyboarding

Grade: 6th-8th

Credit: 0.5 (semester)

This will be a required elective for middle school students, to develop competency in keyboarding skills who score below the grade specific word per minute and accuracy levels.

Objectives:

- Demonstrate grade level proficiency in keyboard competencies in words per minute (WPM) and accuracy.

## Office/Teacher Aide

Grade: 7th-8th

Credit: 0.5 (semester)

Objectives:

- Provide academic support to teachers or campus offices.

## STEM Exploration

Grade: 7th-8th

Credit: 0.5 (semester)

STEM is an acronym for Science, Technology, Engineering, and Math education. STEM includes all the above disciplines, while adding art and design to the acronym. At Faith Christian Academy, STEM is part of an ongoing program to explore the relational connections between these educational disciplines. The goal of this course is to teach the students how to apply technology using STEM Integration as a method to design and create solutions.

Objectives:

- Use engineering methods and principles to explore, create, and teach.
- Understand STEM concepts through a methodical process of understanding, exploring, defining, generating concept solutions, and learning how applied concepts work.
- Explore new and exciting tools, both in hardware and software solutions.
- Learn how to apply web resources and working as effective team members.

## Worship Team

Grade: 8th

Credit: 0.5 (semester)

Worship Team is an 8th grade Leadership Class that meets each day for Devotions and Music practice for leading Chapel worship as a team.

Requirements:

Students must be academically eligible, as in sports, to participate. This class requires an application and an audition. Students may audition for vocals and/or instruments. In addition, outside of class lessons as well as practice are recommended. Students must sign up for "Choir" as their elective and you may be placed in our exclusive Middle School Ensemble.

Objectives:

- Mentored in "Worship Leadership."
- Learn to set up a stage including technical elements of "plug ins" on the stage and how they relate to a sound board.
- Learn how stage and sound set up is important in facilitating chapel worship.
- Understand the importance of "stewardship" as students use expensive sound equipment.
- Demonstrate "service" in working together as a team to facilitate chapel worship through song.

## Yearbook Club (Offered after School)

Grade: 6th-8th

Credit: 1.0 (Full Year)

The primary goal of this class is to produce the annual yearbook.

Requirements:

Students in this club will be requested for the full year due to the team nature of producing the yearbook.



Objectives:

- Learn journalism techniques of writing, editing, and gathering information, and design skills.
- Understand Photoshop methods to assist with the development of the yearbook.

# Physical Education 6-8 (Boys & Girls)

## Physical Education

Faith Christian Academy Physical Education combines mind, body, and soul through focusing on the 5 components of fitness: cardiovascular, muscular strength, muscular endurance, flexibility, BMI and the 5 components of health: physical, emotional, social, mental, and spiritual.

Personal fitness activities, team games, and individual games combine with biblical integration for a well-rounded program.

## Sports

### Middle School Sports

Grades: 7, 8

Fee: See the FCA Student Tuition and Fee Schedule

### Fall Semester sports

Cheerleading (girls, begins mid-August)

Cross Country (boys/girls, begins mid-August)

Flag Football (boys, begins mid-August)

Soccer (boys, begins mid-August)

Volleyball (girls, begins mid-August)

Basketball (boys/girls, begins mid-November)

### Spring Semester sports

Basketball (boys/girls, begins mid-November)

Soccer (girls, begins mid-February)

Track (boys/girls, begins mid-February)