



2022 – 2023
Curriculum Guide
Grades K-12

Ocone Christian Academy

150 His Way Circle Seneca, South Carolina 29672
(864) 882-6925 oconechristian.org

*Glorify God + Nurture + Equip
Fulfill God's Purpose*



OCONEE CHRISTIAN ACADEMY

150 His Way Circle ■ Seneca, SC 29672
864-882-6925 ■ oconeechristian.org
Accredited by Cognia & ACSI

Dear Parents and Students,

It is my pleasure to present the Course Catalog for 2022-2023. You will find useful course information which will help you plan your educational career at Ocone Christian Academy. The mission of Ocone Christian Academy is to glorify God by nurturing students and equipping them to fulfill God's unique purpose for their lives. Every student at OCA receives foundational courses that are necessary for them to grow, learn, and succeed in both higher education and life.

We believe that students must learn to think critically, and they should be challenged to evaluate and analyze the information presented to them. Using the Bible and teachings of Christ as the center of the curriculum, the administration, faculty, and staff weave Biblical principles into all areas of the school's academic and social experience. Our goal is to offer each student quality educational opportunities in an environment of Christian purpose and principle, so that students can lead in all areas of their lives so they might affect their community for Jesus Christ.

We look forward to partnering with you and are believing God to do great things in our hearts and the hearts of the students.

In His Service,

Eric Johnson

***OCA exists to glorify God by nurturing students and equipping them
to fulfill God's unique purpose for their lives.***

MISSION STATEMENT

To glorify God by nurturing students and equipping them to fulfill God's unique purpose for their lives.

VISION STATEMENT

To help our students identify and develop their own unique, God-given gifts; to challenge our students to use these gifts in becoming honorable and productive citizens; to encourage our students to grow in Christian character and conduct; and to send our students into the world committed to the service of Jesus Christ.

PURPOSE

To provide our students a quality education, to partner with a child's family and church in the character development of each student, and to lead both our students and families to a closer walk with Jesus Christ.

SCHOOLWIDE EXPECTED STUDENT LEARNING OUTCOMES

Oconee Christian Academy equips students for success by providing a strong foundation in the areas of spiritual formation, academic excellence, and leadership development. We commit to producing students and graduates who exhibit the following expected learning outcomes in these key areas:

I. Spiritual and Biblical Worldview Development

Students and graduates will:

- Have a growing, personal relationship with Jesus Christ who is their Lord and Savior.
- Know, understand, and apply God's Word in daily life.
- Be empowered by the Holy Spirit to pursue a life filled with the fruits of the Spirit.
- Respond personally to carrying out the Great Commission locally and around the world.
- Demonstrate good stewardship of their time, finances, talents, and treasures in a way that adds value to the Kingdom.
- Be actively involved in a church community, serving God and others.
- Demonstrate a heart of gratitude through a lifestyle of service.
- Articulate and defend their Biblical worldview while having an understanding of opposing worldviews
- Gain an understanding of Biblical principles that are integrated into daily learning.
- Understand the worth of every human being as created in the image of God.

II. Academic Development

Students and graduates will:

- Be well-prepared in all academic disciplines by meeting and/or exceeding state and national academic standards in all subject areas.
- Recognize their unique talents, abilities, and needs.
- Possess the essential skills of effective communication, including reading, writing, speaking, thinking, and listening.
- Demonstrate creativity, critical thinking, and complex problem-solving skills in all academic disciplines.
- Understand God's created order in the universe as expressed in science and mathematics.

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- Have a knowledge and understanding of people, events, and movements in history (including church history) as well as the cultures of other peoples and places. .
- Use resources, including up-to-date technology, to find, analyze, and evaluate information.
- Cultivate an appreciation of the arts through experiences, participation, and arts-related skills development.

III. Leadership Development

Students and graduates will:

- Value and respect all individuals as created in God's image.
- Identify their strengths and talents and use those to serve others.
- Develop Christian character traits to impact our society and culture.
- Model servant leadership in the school, church, and community settings.
- Exhibit self-control in attitude, behavior, and interactions with others.
- Accept responsibility for their behavior through words, actions, and decisions.
- Demonstrate self-motivation and diligence in work and service.
- Actively participate in service projects and mission-centered opportunities.

ACCREDITATION

Oconee Christian Academy (OCA) is accredited by the Association of Christian Schools International (ACSI), and Cognia.

EVALUATION METHODS

Grade Reporting

Report cards are issued four times per year for grades K-12. At the end of the year, the final grade will be recorded on the permanent record. All “Incompletes” must be completed before the end of the next grading period, or an “F” will result. If a student withdraws from a class after 10 days, then the student will receive a “WF,” or Withdraw/Fail. An “I” (Incomplete) cannot be a final grade. If a student is working below grade level in a subject, this will be noted on the report card, and the student is not eligible for honor roll.

Enrichment subjects (art, music, PE, computer/STEM) will be non-graded for Grades K-5. Students either pass (P) or fail (F) the course. Credit will be given for earning a “P” in the course. Sixth through twelfth grade students will receive numerical grades for all classes. Grades will be posted on Gradelink by 3:30pm on Monday for the previous week’s work.

OCA no longer issues hardcopy report cards or progress reports. These items are now sent electronically.

Grading Scale

The uniform grading scale coincides with the South Carolina grading policy, April 12, 2016.

<u>Numerical Average</u>	<u>College Prep Weighting</u>	<u>Honors Weighting</u>	<u>Dual Credit Weighting</u>
<u>90 – 100 = A</u>	4.000 – 5.000	4.500 – 5.505	5.000 – 6.000
<u>80 – 89 = B</u>	3.000 – 3.900	3.500 – 4.400	4.000 – 4.900
<u>70 – 79 = C</u>	2.000 – 2.900	2.500 – 3.400	1.500 – 2.400
<u>60 – 69 = D</u>	1.000 – 1.900	1.500 – 2.400	2.000 – 2.900
<u>50 – 59 = F</u>	0.100 – 0.900	0.600 – 1.400	1.100 – 1.900

Testing Program

All students in grades 8-11 are required to take the PSAT 8/9 or PSAT (grades 10-11). The SAT or ACT is recommended to be taken during spring of the junior year and repeated in the senior year as needed. Standardized tests (Iowa Assessments) are given to grades K-11 annually during the month of April.

During the last two weeks of the school year or during any week in which a series of exams are being administered (i.e., end of year exams or standardized tests), permission will NOT be granted for students to be absent from school for any reason other than sickness (which requires a doctor's excuse) or death in the immediate family. Students will not be allowed to make up tests if absences are unexcused.

KINDERGARTEN

Bible K

ACSI Purposeful Design

The Kindergarteten Bible curriculum focuses on the foundational teachings of the Bible, the nature and character of God, the qualities of His people and His Church. During the school year, students are given an overview of the entire Bible, with an emphasis on God’s attributes, biblical characters, the early church, and what it means to know Jesus Christ and live for Him. Students learn how to apply biblical truth to their lives as they memorize Scripture and learn about Christlike character.

ELA: (Reading and Language Arts)

Superkids (Zaner-Bloser)

The *Superkids Reading Program* captivates students from the start with relatable characters and their ongoing adventures. *Superkids* is a comprehensive English language arts curriculum crafted for grades K–2 using evidence-based literacy practices. Biblical truths are integrated among the “lasting lessons” that are a part of each unit in the Superkids curriculum.

Social Studies

Abeka and varied resources

Kindergarten focuses on simple geography concepts and the beginnings of American history. We discuss that God created the many countries, and the different people within the countries. The student’s learn interesting facts from different countries and meet children around the world. Students also understand the roles of different community helpers, and that God has a plan for each of their lives when they grow up. Holidays and celebrations are a part of Kindergarten Social Studies curriculum.

Math

Bob Jones Press Curriculum

God has made Himself known to us in His creation, and one way He has done that is through mathematics. *Math K5* uses an interactive approach with manipulatives to build a foundation of math concepts. Lessons on number, sense, addition and subtraction, time, money, and other skills are introduced. Many hands-on activities are incorporated into the lessons which allow the students to practice the skills they are learning.

Science

Abeka – God’s World

The science curriculum inspires young students to go out and explore their world as they learn how science gives glory to a Creator God. This curriculum focuses upon the weather, seasons, seeds, animals, and the seashore. Students will "visit" different environments, observing plants and animals from a Christian perspective. Students learn that God has given His entire world a specific purpose.

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ELEMENTARY SCHOOL

Grades 1-5

Bible

ACSI Purposeful Design

Each grade level focuses on the foundational teachings of the Bible, the nature and character of God, the qualities of His people and His Church. Students will learn the great story God tells in the Bible, that God’s Word is truth, God loves everyone, and everyone needs to come to a saving faith in Jesus. Students will practice Christlike behavior, evangelism, ministry, and stewardship. Prayer and worship are active components of the curriculum and students will grow to understand spiritual concepts.

Reading and ELA:

1st-2nd grade

Superkids (Zaner-Bloser)

Superkids is a comprehensive English language arts curriculum using evidence-based literacy practices. Biblical truths are integrated among the “lasting lessons” that are a part of each unit in the *Superkids* curriculum. The curriculum provides systematic instruction and practice in the foundational skills students need to be successful readers and writers – print concepts, phonological awareness, phonics, word recognition, and fluency. These skills, along with handwriting, spelling, word analysis, and vocabulary, are taught using the Skills Books.

Reading and ELA

3rd-5th grade

Bob Jones Press Curriculum

The curriculum connects skills in writing, mechanics, listening, speaking, and viewing to provide students with a solid English language arts foundation. Students study one part of speech at a time, mastering English conventions through spiral review and regular practice of each skill. Proofreading activities give students practice in analyzing sentences, identifying grammatical errors, and correcting errors within the context of writing. Students follow the writing process to write opinion pieces, informational texts, and narratives. Teacher modeling and student collaboration help students develop their craft as they write in various genres for real-world contexts. The expected outcome is that students will become independent readers and understand that one of the greatest gifts is to read God’s Word.

Social Studies

Heritage Studies (BJU press)

Students will be guided in analyzing and evaluating historical events, world cultures, and primary sources from a biblical worldview. Students relate social studies to other academic disciplines through cross-curricular links, background information, and interactive visuals in ways that help them learn how to make wise decisions about their world. The curriculum emphasizes God's plan for the individual, the family, and the nation. It encourages the student to make wise decisions and become a responsible Christian citizen.

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Math

Bob Jones Press Curriculum

God has made Himself known to us in His creation, and one way He has done that is through mathematics. We are created in His image, and He has given us the ability to work with order, design, sequence, quantities, and numerical relationships. The math curriculum equips students to master foundational math skills through hands-on manipulatives and sequential teaching that lead students from a concrete to an abstract understanding of mathematics. The goal is to develop a deep understanding and long-term retention of mathematical reasoning. Strategic practice and review build computational fluency and prepare students for authentic learning as they connect math concepts to everyday life.

Science

BJU Press and ACSI Purposeful Design

Biblical worldview concepts are interwoven into each lesson. Content and biblical worldview objectives focus on answering three questions: Who is God? Who is man? What is the nature of the world around you? The curriculum provides an experiential, hands-on learning approach to life, earth and space, physical and general sciences as well as the human body and wellness. Explorations in scientific inquiry give students opportunities to observe, classify, measure data, analyze data, make inferences, and communicate their findings. They will interact with models, explain, and describe their observations as well as make predictions about scientific principles. Collaborative STEM activities give students opportunities to design, test, and refine engineered solutions to real-world problems.

ELEMENTARY SCHOOL SPECIALS

Music

Elementary students in grades K-5 attend Music class once a week for 50-minutes. The music curriculum teaches students the basic skills of music and develops an appreciation and love for music that honors and glorifies Jesus Christ. This program is focused on exposing students to various components of music. Application of content includes the use of various percussion and/or non-percussion instruments.

The Biblical integration teaches students the impact that music has in the Bible. Scripture teaches that we are to “speak to one another with psalms, hymns, and songs from the Spirit. Sing and make music from your heart to the Lord” (Ephesians 5:19).

Art

Elementary students in grades K-5 receive 50 minutes of instruction and hands-on experience in the art room weekly. The focus of every art lesson is seeing God as the very first artist and students as His apprentices. They are taught that everyone has artistic abilities given to him/her when God created us in His image. Students are encouraged to create art that ultimately glorifies God and reflects their imaginations and unique styles. “So God created mankind in his own image, in the image of God, He created them; male and female created He them.” (Genesis 1:27)

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Library

Elementary students in grades K-5 visit the library weekly for 50-minutes. Storytime is a fun part of Biblical integration and often consists of special guests who come to share stories from the Bible with our students. The library is a welcoming environment where the librarian seeks to connect children to a love of books and reading. Psalm 119:11 “Thy Word have I hid in my heart that I may not sin against God.”

Physical Education

Elementary students in grades K-5 receive 50-minutes of PE each week. The class aims to develop students' physical competence and knowledge of movement and safety, and their ability to use these to perform in a wide range of activities associated with the development of an active and healthy lifestyle. Students are introduced to social skills, team building and learn to exhibit self-control in attitude, behavior, and interactions with others.

Computers (one semester)

Elementary students in grades K-5 receive hands-on instruction in the Computer Lab for 50 minutes weekly. Various websites are utilized to teach and reinforce classroom instruction in math, language arts, science, and social studies. Development of technology skills that are Christ-honoring is a focus for our students. “And whatever you do or say, do it as a representative of the Lord Jesus, giving thanks through Him to God the Father.” (Colossians 3:17)

STEM (one semester)

Elementary students in grades K-5 participate in STEM for 50-minutes each week. STEM is a program driven by problem-solving, discovery and exploratory learning that requires students to actively engage in a situation to find its solution. Elementary students enjoy time to explore God’s gift of creativity and ingenuity through teamwork as well as individual projects. “And He has filled him with the Spirit of God, with skill, with intelligence, with knowledge, and with all craftsmanship.” (Exodus 35:31)

MIDDLE SCHOOL

SIXTH GRADE

Bible 6: ACSI

(Grade 6; Year)

A New Testament survey, presenting major Bible concepts from each New Testament book. There is an emphasis on God's attributes, Biblical characters, the early Church, and what it means to know Jesus Christ and live for Him. Students will acquire skills and knowledge but also grow in faith and demonstrate that faith by their behavior. The goal is for students to develop a Christian worldview through both the knowledge and application of Scripture.

English 6: BJU Press

(Grade 6; Year)

Students will be given opportunities for biblical thinking as they learn to respond to the literature they read from biblical worldview. English in Grade 6 continues the growth of students in the areas of reading, writing, listening, speaking, discussion, and reflection. Reading strategies, critical-thinking skills, grammar usage development, and vocabulary building comprise the main elements of reading instruction. The writing process: plan, draft, revise, proofread, publish; as well as writing traits: ideas, organization, word choice, conventions will be emphasized. Students will continue to hone their paragraph development; and students will continue to practice independent writing styles to include, Poetry: Limerick, free verse; Personal narrative, newspaper editorial, instructions, research report, historical fiction, and compare-contrast essay.

Social Studies--Heritage Studies: BJU Press

(Grade 6; Year)

The providence of God is evident in the study of ancient civilizations history. This course will focus on the ancient cultures of Asia, Africa, Europe, and the Americas--from the creation of the world to the close of the Middle Ages. Students will study people, practices, and events, and make connections to how belief systems affect the culture of a place. Students will begin to practice their reading and analysis skills of maps, graphs, charts, and timelines. Students will begin to apply their understanding of world culture by comparing and contrasting characteristics of ancient civilizations and modern regions.

Math 6: BJU Press

(Grade 6; Year)

The ability to see and describe the world in mathematical constructs is a gift of God to man. Through a Biblical Worldview of math concepts students will be able to discuss and explain God's order and design seen in creation.

Students will continue to discover their mathematical talents by solidifying their understanding of math concepts through the critical thinking of these principles and constructing arguments. Students will begin to draw connections to real-world problems through the application of mathematical models, and STEM and collaborative activities that follow the engineering design process. Students will practice constructing arguments and explaining the reasoning processes they use to solve math problems. As they collaborate with their peers, they will develop an

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understanding of how and why math works and will learn how to critique others' reasoning as well as their own.

Science 6: BJU Press

(Grade 6; Year)

Science 6 increases the appreciation of God's wonderful creation through the study of earth, life and physical sciences. Students will learn to process skills, use scientific tools, and apply the scientific method. In earth science, students learn about the unique interactions between earth and space and how God's perfect design regulates earthquakes, weathering and erosion, soil, and natural resources. Life science emphasizes God's orderly and sustainable cellular design through the classification and reproduction of animals and plants, the human nervous and immune systems, and genetics. Physical science will explore motion and machines, energy, and electricity as well as matter and chemistry.

SEVENTH GRADE

BIBLE--Route 66: Positive Action for Christ

(Grade 7; Year)

Route 66 provides a basic introduction to the structure and themes of the Word of God. Starting in Genesis with Revelation as the destiny, students will take a road trip through the most beautiful terrain in history, back where it all began. Through Scripture memory verses, lessons and daily devotional students will understand the primary themes of Scripture, be able to identify and locate key biblical events and figures, apply godly principles to thought, speech, and action and respond personally to the gospel of grace in Jesus Christ.

English 7: BJU Press

(Grade 7; Year)

Students will have opportunities to reflect on how a biblical worldview of truth, beauty, virtue, and balance inform a believer's writing. Students concentrate on reading, writing, listening, and communicating in seventh grade English. Students are provided with many opportunities to grow as perceptive readers, critical thinkers, and competent writers through literacy fluency, writing with a purpose, speech and vocabulary, and grammar fundamentals. Students will practice the writing process: planning, drafting, revising, proofreading, and publishing when writing narrative, informative, and argumentative essays.

Social Studies--World Studies: BJU Press

(Grade 7; Year)

World Studies reviews history from Creation to the coming of Christ and progresses in a chronological journey around the world including the rise and fall of empires, different cultures, Christianity, and world religions, and emerging trends in the 21st century. Students will demonstrate their understanding of world and US History, geography, government, and economics through the Christian faith. Students will express their knowledge by identifying countries and geographic features from each of the continents, apply their understanding of comparative economics historically and geographically, make historical comparisons of world

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religion, read maps, charts and timelines and analyze primary sources from the scope of a Christian worldview.

Fundamentals of Math: BJU Press

(Grade 7; Year)

Math reveals the sovereignty, infinity, and perfect wisdom of God. God has given man the ability to discover and understand mathematical principles. Through a Biblical Worldview of math concepts students will apply God's demonstration of order and design seen in creation

Students will review whole numbers, decimals, integers, fractions, measurements, and geometry, and they will extend their knowledge of square roots, exponents, algebraic expressions, equations and inequalities, percentages, functions, probability, surface area and volume, and statistics. Through lessons, discussions, writing, collaborative activities, and quarterly STEM projects students will develop the critical thinking skills needed to apply mathematical models and principles to solving real-world problems.

Life Science: BJU Press

(Grade 7; Year)

Life science is an introduction to biology where students will use inquiry skills and analytical thinking to help them sort through scientific facts and theories, while making their own discoveries and drawing conclusions about God's world. Through instruction, laboratory activities, and scientific inquiry, students will explore science within a worldview including biblical vs. naturalistic worldviews, science and biblical ethics and biblical creationism vs. evolution. Students will increase their knowledge of living things through the inquiry of microorganisms and plants, the animal kingdom, the human body and how all these systems are interrelated and interact with the biosphere.

EIGHTH GRADE

BIBLE-Life of Christ: Positive Action for Christ

(Grade 8; Year)

Students take a journey through the Gospel of John and develop a deeper knowledge of Christ, and a deeper relationship with Him. Students will be able to express their understanding of Christ's identity, ministry, and doctrine. By conducting additional research in the Synoptic Gospels, of events not recorded in the book of John, students will begin to fill in the gaps and make connections of the "truth" found between the gospels. By studying the context, culture and language of this time period, A.D. 29–32, students will illustrate how God reveals Himself is consistent.

English 8: BJU Press

(Grade 8; Year)

Students will develop a biblical view of communication by focusing on writing with empathy, logic, virtue, and discernment. Students will continue to review and master grammatical skills in both oral and written communication, while vocabulary instruction enables students to improve their communication and reading abilities. Through reading and writing assignments, students in

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8th grade English develop their skills in literary analysis and composition. Students will be introduced to the six traits of writing and continue to practice the writing process in informative, narrative, and argumentative essays.

Social Studies--American Republic: BJU Press

(Grade 8; Year)

The American Republic course prepares students to become discerning citizens who can think critically about the events of history and learn from the successes and failures of the past to make wise and Biblical based decisions for today. Students will survey the major events that have shaped American history, paying special attention to cultural shifts and influences while applying a biblical worldview. They will interact and engage with details of events so they can understand the context and the relationship it has to history. Students will engage with primary and secondary sources as they navigate both political and cultural trends to help them understand how events affected the culture in America.

Pre-Algebra: BJU Press

(Grade 8; Year)

Math requires order, and God created order. Man has developed symbols, numbers, and equations to implement and use God's creation of math. As stewards of God's creation, we implement logic and order in our everyday lives to help gain solutions to daily challenges and problems that affect our world.

Algebraic expressions and linear equations are applied through a review of operations on integers, fractions, decimals, percents, and radicals. Students explore relations and functions using equations, tables, and graphs. Lessons and activities focused on statistics and geometry extend foundational concepts in preparation for high school courses. Students will demonstrate how they interpret mathematical principles in evaluating problem-solving and real-life uses of math. Math exercises will regularly illustrate how mathematics can be used to manage God's creation to His glory.

Earth Science: BJU Press

(Grade 8; Year)

Earth science will take students on a quest to understand God's created world. Through case studies, interactive activities, scientific tools, models and labs students will be encouraged to think like scientists as they develop a biblical perspective of earth and space. Students will continue to expand their knowledge of a living earth and its atmosphere as they begin to apply their knowledge through scientific tools, maps, cartography and geographic information systems. Students will increase their understanding of the earth through the identification and classifying of rocky materials, gather information about the earth's water, predict and interpret data about the earth's atmosphere, study the earth and humans' relationship with the sun-earth-moon system and find creative ways to apply biblical stewardship of the environment.

MIDDLE SCHOOL ELECTIVES

Art

(Grades 6-8; Year)

The focus of every art lesson is seeing God as the very first artist and we are His apprentices. Students are taught that each of us has artistic abilities that have been given to us when God created us in His image. Students are encouraged to create art that ultimately glorifies God and reflects their imaginations and unique styles as well.

The seven elements of art, line, shape, form, color, value, space, and texture are taught as students' progress throughout the school year. Projects emphasizing each of the seven elements of art are completed using a variety of mediums that include collage, watercolor paint, tempera paint, pencil drawing, origami, oil pastels, paint/oil resist, and sculpture. As students' progress in their aptitude of art they will begin to incorporate art terminology and study and analyze various artists.

Band

(Grades 6-8; Year)

Oconee Christian Academy's music curriculum desires to train students in the basic skills of music through the performance of various band instruments. Through the learning of instruments, students will develop an appreciation for music which will honor and glorify Jesus Christ. God teaches that we must "speak to one another with psalms, hymns, and songs from the Spirit. Sing and make music from your heart to the Lord" (Ephesians 5:19).

Career Clusters

(Grade 8; semester SCV online)

This course introduces students to career possibilities in the sixteen national career clusters adopted by the South Carolina Department of Education. Students will have an opportunity to explore job tasks and career opportunities in each cluster while identifying pathways from highschool to post-secondary education and the workplace. Students will learn skills needed for success in college and careers with relevance to academic standards. This course is exposure to help each student gain an understanding of careers in order to assist in the development of an Individual Graduation Plan.

PE

(Grades 6-8; Year)

Students are taught to discipline their minds and bodies for optimum health, wellness, and fitness, as well as for godliness. The purpose of physical education is to introduce, refine, and perform basic skills necessary for participation in individual and team sports, recreation, and fitness. Students will demonstrate an understanding of healthy eating, the food pyramid, and use resources available to them to determine their own health level with food. Students will participate in various sports such as basketball, archery, and volleyball.

Webpage Development and Design

(Grade 8; 1 credit; semester SCV online)

This course is designed to provide students with the knowledge and skills needed to design and develop websites. Students will attain skills in designing, implementing, and maintaining websites using authoring tools. This course meets the computer science requirement for a SC High School diploma.

HIGH SCHOOL BIBLE

Within the cultural and academic environment of an overall Christian education, the Oconee Christian Academy Bible Department exists to build in a student a solid Christ-like foundation. High school Bible classes are focused on students knowing the God who inspired Scripture. Students will enter the next phase of their lives with an understanding of the inerrancy of Scripture, the authority of Scripture, the intimate nature of God our Father, and what the life that someone in a covenant relationship with God, through Jesus, looks like daily. This is accomplished through verse-by-verse studies through specific books, assignments that cause the student to use Scripture to evaluate culture, and through additional Biblical books that help students know God better.

Graduation Requirements

4 credits required

BIBLE COURSE PROGRESSION

9th	10th	11th	12 th
Bible I	Bible II	Bible III	Bible IV

BIBLE COURSE OFFERINGS

Bible I: *Don't Waste Your Life* Piper, *Everyone's a Theologian* Sproul, *Lightbearers* Summit Ministries

(Grade 9; Year; 1 credit)

In Bible I, students are encouraged to pursue a soul-satisfying passion for the glory of God that seeks to make much of Him in every sphere of our lives. Students will understand the tenets of the Christian worldview and how they compare to the doctrines of the leading non-Christian worldviews of our day. Through discussion and collaborative projects, students will apply their Christian faith to every area of life: theology, philosophy, ethics, biology, sociology, psychology, law, politics, economics, and history. Students will begin to understand systematic theology as they interpret complex subjects to arrive at a theology that is consistent and founded on truth.

Bible II: *A Student's Guide to Culture* Cook, *Radical* Platt, *Everyone's a Theologian* Sproul

(Grade 10; Year; 1 credit)

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In Bible II, students will take a transforming journey in authentic discipleship. Students will study what Jesus actually said about being a disciple and be challenged to obey what they heard. Students will be able to understand and discuss Christology - "Ontological Christology" analyzes the nature or being of Jesus Christ, "Functional Christology" analyzes the works of Jesus Christ, and "soteriological Christology" analyzes the "salvific" standpoints of Christology. Students will apply their knowledge as they navigate contemporary challenges to their Christian faith and values, and work together to design accountability and find and create solutions to those challenges.

Bible III: *9 Common Lies Christians Believe: And Why God's Truth Is Infinitely Better* Pruitt, the Holy Bible, Books of Ephesians, Genesis, Luke and Revelation
(Grade 11; Year; 1 credit)

In Bible III, students will question and debate whether what they think they know about God lines up with Scripture. Students will discuss and deconstruct difficult questions such as, "Where is God in the midst of pain and suffering? How can a good God allow evil and why doesn't He do something to stop it?" As students begin to collaborate and synthesize their ideas, they will formulate responses based on biblical truth. Emphasis will be placed on forgiveness and reconciliation as the solution to sin and evil, while stressing the hope of eternal life in God's presence in a new creation.

Bible IV: *Campus Lights: Students Living and Speaking for Jesus Around the World* Cawley, *Questioning Evangelism: Engaging People's Hearts the Way Jesus Did*, Newman, *Emotionally Healthy Spirituality* Scazzero, the Holy Bible, books of Ephesians, Genesis, Judges and Acts
(Grade 12; Year; 1 credit)

In Bible IV, we explore how student mission not only survives but flourishes around the world. As future leaders, students will be encouraged to take risks for the Kingdom in their own context, so they can be catalysts for change in our world. Students will examine how we think about people and practice ways to engage others, even nonbelievers, in spiritual conversations and share our crucial message. Additionally, will apply the biblical integration of emotional health and the classic practices of contemplative spirituality.

HIGH SCHOOL ENGLISH

Reading, writing, and communication are the pillars of OCA's English department. Rooted in biblical principles, and integrated with research and technology, these pillars equip students with a foundation to express a Christian worldview. By creating a language-rich environment in the classroom and through use of Internet resources, the high school English program develops crucial reading, speaking, listening, and writing skills. At each grade level, students read and study a variety of genres, familiarizing themselves with the characteristic use of literary devices and rhetorical strategies in different eras and cultures. Students analyze literary and expository texts, developing critical thinking skills as well as an appreciation for and an ability to apply textual and oral conventions. Through increasingly complex research and writing assignments, students learn to synthesize and document sources, construct and support valid arguments, and

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develop a distinctive and appealing voice and style. Vocabulary and grammar are a major focus at every level.

English I and II are required courses for graduation. Two additional English credits are required for graduation:

- British Literature
- American Literature
- English 1003 and 1013 SWU Dual Enrollment Program

Policies

A failed English class receives no credit, and the student may not advance to the next course in the sequence without first repeating and passing the failed course. The failed course may be repeated during the following school year or with written approval may be retaken during summer school. However, if the student receives a D+ or below, the Department **strongly recommends** that the student retake the course in order to improve her understanding and her foundations in the subject before taking the next English course in the sequence.

All students will use MLA format and all major writing assignments are submitted to Turnitin.com and plagiarism policy are followed.

Graduation Requirements

4 credits required

Students must take an English course each year of enrollment at OCA.

ENGLISH COURSE PROGRESSION

9th	10th	11th	12 th
English I	English II	American Literature British Literature	American Literature British Literature English 1003 and 1013 SWU Dual Credit

Procedure and Criteria for Placement in SWU English 1003 and 1013

The English department determines the roster for the following year and notifies the students, who may accept or decline this placement.

The following criteria are used:

- *Students earn A's consistently in the previous year's English class.*
- *Students may not have any failing grades the previous year.*
- *Students willingly and voluntarily share insights and recognize their responsibility as contributing class members.*
- *Teacher recommendation and parent approval required.*

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ENGLISH COURSE OFFERINGS

English I: BJU press

(Grade 9; Year; 1 credit)

Students will be introduced to literary criticism and are encouraged to read and analyze literature considering a Christian worldview. Fundamentals of Literature will convey literature's foundational elements of conflict, character, theme, point of view, structure, and tone. This course combines the study of fundamentals of speech, grammar, and vocabulary with an introduction to literary analysis through the study of the novel, plays and short fiction. The eight parts of speech, five basic sentence patterns, usage, and mechanics will be reviewed. Students in this course study writing as a process from paragraphs to essays. Writing assignments will include but not limited to comparison/contrast paper; Exposition: five-paragraph research essay, storyboard Narration: personal experience; Persuasion: devotional; Poetry: quatrain, diamante. Proper documentation techniques are taught for writing formal and analytical essays (MLA citation).

This course practices vocabulary and grammar usage standardized test (PSAT/SAT) preparation.

- *Requirement: Must adhere to MLA format*

English II: BJU press

(Grade 10; Year; 1 credit)

Students will continue to learn the importance of literary analysis by studying pieces from several genres and interpreting them in light of biblical truth. In this course students refine composition skills through work on thesis-supported essays in conjunction with the study of literary content and types: folktale and epic, essay and short story, poetry, and drama. The eight parts of speech, five basic sentence patterns, usage, and mechanics are emphasized. Writing assignments will include but not limited to Description: eyewitness report; Exposition: research essay, cause-and-effect essay; Narration: short story, oral anecdote; Persuasion: persuasive speech, editorial; and Poetry: poetry and metaphor.

This course practices vocabulary and grammar usage standardized test (PSAT/SAT) preparation.

- *Prerequisite: Proficiency in English I*
- *Requirement: Must adhere to MLA format*

American Literature: BJU press

(Grade 11 or 12; Year; 1 credit)

Literature can serve as a tool for the pursuit of God's glory. By exercising the skills of literary interpretation and technical analysis, students will evaluate selections of literature for merit and biblical worldview. The purpose of this course is to introduce the student to the many voices, themes, and styles which characterize American literature and represent the American experience. Students will analyze, read, and evaluate literary divisions including early American literature, American romanticism, American realism and naturalism, modern American literature and contemporary American literature. Literary terms and elements of poetry will be discussed throughout this course. Grammar instruction will be given through various writing assignments. College level MLA writing assignments will include but not limited to, Responses to Literature,

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a Reflective Essay, a Rhetorical Analysis, a Persuasive Research paper, and Literary Analysis. In addition, this course provides both grammar/usage and essay standardized test (PSAT/SAT) preparation.

- *Prerequisite: Proficiency in English I and II*
- *Requirement: Must adhere to MLA format*

British Literature: BJU press
(Grade 11 or 12; Year; 1 credit)

Language reflects God's very nature and His image in us and by using and studying language we celebrate God's nature and His image in us. Through reading, writing, oral communication, critical analysis, and creative interpretation, students will develop a deep understanding of the ideas of important literary and historical figures. Students will further hone their skills in dramatic reading and presentation, as well as develop their skills in critical oral interpretation by analyzing, reading, and evaluating literary divisions including, the Middle Ages, the English Renaissance, Civil War to Enlightenment, Romanticism to Victorianism, Modern and Contemporary Literature. Grammar instruction will be given through various writing assignments. College level MLA writing assignments will include but not limited to, Responses to Literature, a Reflective Essay, a Rhetorical Analysis, a Persuasive Research paper, and Literary Analysis. In addition, this course provides both grammar/usage and essay standardized test (PSAT/SAT) preparation.

- *Prerequisite: Proficiency in English I and II*
- *Requirement: Must adhere to MLA format*

English 1003 and English 1013 SWU Dual Credit
(Grade 12; Fall & Spring Semesters; .5 credit per semester for a total of 1 credit)

Language is a gift of God; to study, steward and enjoy language is to appreciate God's good gift. Dual Credit English 1003 and 1013 is a college level course that requires a command of language, grammar, and usage. The consecutive courses place an emphasis on refining and sharpening composition skills, unified paragraphs, and persuasive essays. Effective reading and research reporting include proper MLA format and how to avoid plagiarism is included. Students will continue to practice their skills of literary analysis of short story, drama, film, and poetry. Students will spend considerable time practicing textual analysis and essay writing skills.

- *Prerequisite: B+ or better in English II and American Literature or British Literature and department recommendation*
- *Requirement: SWU English 1003 and 1013 must be taken consecutively within the same academic year to earn one HS English credit for graduation. Must adhere to MLA format*

HIGH SCHOOL FOREIGN LANGUAGE

Communication is a vital part of understanding the world God created. The goal of foreign language is to enable students to communicate effectively in a second language. The acquisition of another language allows students to develop a clear understanding and appreciation of the cultural manifestations of the people whose language they are studying, and to establish intelligent connections and comparisons between those cultural manifestations and ours in the United States.

Policies

A failed class in foreign language receives no credit, and the student may not advance to the next course in the sequence without first repeating and passing the failed course. The failed course may be repeated during the following school year or with written approval, may be retaken during summer school. However, if the student receives a D+ or below, the Department **strongly recommends** that the student retake the course in order to improve understanding and foundations in the subject before taking the next course in the sequence.

Graduation Requirements

2 credits required

NOTE:

*For students **not** planning to attend a four-year college or university, an additional elective credit in Career & Technology may substitute for the 2nd year of a foreign language. This does not replace the computer science credit required for graduation.*

Many four-year colleges and universities require three credits of the same foreign language.

SPANISH COURSE PROGRESSION

10th	11th	12 th
Spanish I	Spanish I Spanish II	Spanish II Spanish III

Spanish I: Avancemos

(Grade 10-11; Year; 1 credit)

This course introduces students to the many cultures that use the Spanish language. Students study elementary grammar, vocabulary, and learn to express themselves in basic Spanish. Oral and written exercises are assigned. The introductory course incorporates multimedia.

Spanish II: Avancemos

(Grade 11-12; Year; 1 credit)

This course builds on the foundation begun in Spanish I. Students will continue to refine their written and speaking skills. Multimedia is used to help develop students' listening comprehension skills. The successful student will have the necessary skills for Spanish III.

- *Prerequisite: proficiency in Spanish I*

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Spanish III: Avancemos
(Grade 12; Year; 1 credit)

This class is intended for students who enjoy Spanish and plan to continue their postsecondary studies at a college or university where a third year of a world language is an Admissions requirement. Students will study advanced grammar, various past tenses, the subjunctive mood, etc. Students read short stories and participate in oral activities.

- *Prerequisite: proficiency in Spanish II and/or recommendation of the Spanish II teacher*

**HIGH SCHOOL
SOCIAL SCIENCES**

The Social Sciences department provides each student with knowledge of the human experience, by encouraging the appreciation of the past and present cultures, an understanding of our political, economic, and social institutions, and a working knowledge of the democratic process. Students will develop a critical awareness of human interrelations and will acquire skills that enable them to understand local and world geography and cultures, as well as governmental, societal, and economic institutions. Students will be encouraged to critically examine multiple perspectives of history, articulating how each of them would be analyzed within a biblical worldview.

US History, US Government and Economics are required courses for graduation. One additional social science credit is required for graduation:

- Cultural Geography
- World History

Policies

A failed class in the social sciences receives no credit, and the student may not advance to the next course in the sequence without first repeating and passing the failed course. The failed course may be repeated during the following school year or with written approval, may be retaken during summer school. However, if the student receives a D+ or below, the Department **strongly recommends** that the student retake the course in order to improve her understanding and her foundations in the subject before taking the next science course in the sequence.

Graduation Requirements

3 credits required

SOCIAL SCIENCE COURSE PROGRESSION

9th	10th	11th	12 th
Cultural Geography	World History	U.S. History	American Government Economics

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SOCIAL SCIENCES COURSE OFFERINGS

Cultural Geography: BJU Press

(Grade 9; Year; 1 credit)

The Cultural Geography curriculum teaches from a biblical perspective and encourages students to appreciate the diversity of people, cultures, and landforms. The course will challenge students to think critically about the complexities of place by exploring how geographic features, human relationships, political and social structures, economics, science and technology, and the arts have developed and influenced life in countries around the world. Students will utilize the tools of geographers to interpret maps, data sets, and geographic models and answer geographic questions. With a strong grasp of both physical and human geography, students will be prepared to understand issues and solve problems in the contemporary world.

World History: BJU Press

(Grade 10; Year; 1 credit)

Students will trace the major patterns in world history as they examine how individuals have carried out the Creation Mandate through the development of their God-given talents in art, music, literature, and science and uncover more clearly the triumph of the kingdom of God. Students engage in historical analysis while examining key major cultural, political, intellectual, and economic ideas that have shaped humanity through the ages, beginning with the civilizations of ancient Mesopotamia and continuing to the present day. This course includes close-reading of primary sources, inquiry-based research projects, and seminar discussion that synthesize multiple perspectives to develop a more complete understanding of global societies and their history.

U.S. History: BJU Press

(Grade 11; Year; 1 credit)

Students see the past, evaluate people, events, and movements from biblical teaching through the corrective lens of a biblical worldview. US History is a study of the development of the United States from its founding. Emphasis is placed on the evolving patterns of political, economic, and social change throughout our history and their relevance for America today. 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. Using primary and secondary source documents and the Bible, this course encourages students to study and consider America's history from a biblical standpoint and to better appreciate the intersections of sacred and secular that have shaped the nation through the time that God has given it.

American Government: BJU Press

(Grade 12; Semester; .5 credit)

The study of American government is designed to teach students the workings of the American government and the Constitution, and instill in them their responsibilities toward God, one another, and their country as citizens. This course examines the people, documents, institutions, and events that have shaped the American government. Students' will use their critical-thinking skills and demonstrate how knowledge of history and government are crucial for making decisions about issues on the local, state, and national levels. Students will study the foundations

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of our country, the Constitution, the three branches of government, and political parties and politics.

Economics: BJU Press

(Grade 12; Semester; .5 credit)

This course will cover financial concerns of many different socio-economic levels, including the government, businesses, and personal finances, with Scriptural principles applied to all areas. While the course focuses on the American system of economics, students are introduced to other common theories that are presently in use in the world today. Students will explore key principles of economics and demonstrate their comprehension of these terms through various activities covering personal expenses, credit, taxes, and investments in the stock market. Students will evaluate laws of supply and demand and summarize how the United States monetary system functions.

HIGH SCHOOL MATH

God is the ultimate foundation for mathematics and when we study math, we cannot help but marvel at its Creator who designed it to be unfailingly consistent and reliable. Math has a great importance in our society and provides the framework for our advancing technology. OCA's Math department believes that math came from the mind of God, and He gave it to us for the specific purpose to us in a way that adds value to the Kingdom. Through an aligned curriculum that emphasizes mathematical literacy and complex problem-solving skills that draw connections through critical thinking, students will begin to use their unique talents to construct solutions to today's problems.

Algebra I, Geometry, and Algebra II are required courses for graduation with honors options. One additional math credit is required for graduation:

- *Quantitative Reasoning in person or through the Dual Enrollment program.*
- *Precalculus are offered every other year through the Dual Enrollment program.*

Policies

A failed math class receives no credit, and the student may not advance to the next course in the sequence without first repeating and passing the failed course. The failed course may be repeated during the following school year or with written approval may be retaken during summer school. However, if the student receives a D+ or below, the Department **strongly recommends** that the student retake the course to improve her understanding and her foundations in the subject before taking the next math course in the sequence.

A graphing calculator is required for all math courses. It is recommended that students who do not have a calculator purchase the TI-Nspire CX. However, if a student owns a TI-84 or 84 plus, they may also be used.

Graduation Requirements

4 credits required

Students must take a math course each year of enrollment at OCA.

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MATH COURSE PROGRESSION

9th	10th	11th	12 th
Algebra I Algebra Honors	Geometry Geometry Honors	Algebra II Algebra II Honors	Quantitative Reasoning DE SWU Quantitative Reasoning DE SWU Pre-Calculus (biennial)

Procedure and Criteria for Placement in Honor Sections

The Math department determines the roster for the following year and notifies the students, who may accept or decline this placement.

The following criteria are used:

- *Students earn A's consistently in the previous year's math class*
- *Students may not have any failing grades the previous year*
- *Students willingly and voluntarily share insights and recognize their responsibility as contributing class members*
- *Teacher recommendation and parent approval required*

MATH COURSE OFFERINGS

Algebra I: BJU Press

(Grade 9; Year; 1 credit)

Algebra I introduce students to the fundamentals of algebra. This course will encourage foundational understanding, procedural fluency, and analytical reasoning and aims to introduce the idea of a divine loving creator who is revealed through order and design. Topics include operations with real numbers and variable expressions, including exponential expressions, solving, and graphing linear equations, inequalities, and systems, factoring polynomials, solving and graphing quadratic equations, solving rational equations, solving radical equations and simplifying expressions. Algebra I stress a systematic approach to problem-solving while reinforcing critical thinking skills. This course will encourage analysis through real-world applications and provide students the opportunity to build the necessary reasoning and communication skills to be successful in future math courses.

Students will have the option of earning Honors credit by meeting the criteria set forth.

- *Prerequisite: Proficiency in Pre-Algebra*
- *Requirement: Graphing Calculator such as TI-NSpire CX, TI-84 or 84 plus*

Geometry: BJU press

(Grade 10; Year; 1 credit)

Geometry applies the skills gleaned in Algebra I to study geometric figures in two and three dimensions. The course is designed to increase students' understanding of spatial relationships, mathematical analysis, and communication as well as how to use logic and reasoning to better understand and articulate God's order of the universe. Topics include points, lines, planes, angles and segments as applied to parallel and perpendicular lines, triangles, similar figures, right triangle trigonometry, quadrilaterals, circles, areas, transformations, and proofs. This course

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includes writing formal proofs to develop logical reasoning skills and clear mathematical communication. Emphasis is placed on applying the basic terminology and concepts of geometry in a logical and organized manner. This course, as well as Algebra I, provides a solid foundation for success in Algebra II.

Students will have the option of earning Honors credit by meeting the criteria set forth.

- *Prerequisite: Proficiency in Algebra I*
- *Requirement Graphing Calculator such as TI-NSpire CX, TI-84 or 84 plus*

Algebra II/Trigonometry: BJU press

(Grade 11; Year; 1 credit)

Algebra II & Trigonometry expands on the foundational concepts taught in Algebra I and Geometry. Our loving and divine Creator is revealed through order and design. This course uses a systematic approach that emphasizes how mathematics can enhance our service for Christ. Topics include polynomial, exponential, logarithmic, quadratic, rational, and trigonometric functions, as well as systems of equations and inequalities, matrices, powers, roots, and radicals and an introduction to probability and statistics. In addition, this course provides numerical, algebraic, and graphical analysis using both the graphing calculator and spreadsheets. Emphasis is placed on written expression in the form of well-structured algebraic communication that documents a logical thought process and support for a correct response. This course provides the necessary foundation for advanced mathematical study in upper-level courses as well as a foundation for standardized test preparation.

Students will have the option of earning Honors Distinction by following a list of qualifications determined by the instructor and the subject's department.

- *Prerequisite: Proficiency in Algebra I and Geometry*
- *Requirement Graphing Calculator such as TI-NSpire CX, TI-84 or 84 plus*

Quantitative Reasoning: BJU Press or SWU Dual Credit

(Grade 12; Year; 1 credit)

Quantitative Reasoning skills apply basic math skills and integrate numerical thinking to the analysis and interpretation of real-world quantitative information to draw conclusions that are relevant to students in daily life. God has given us a mind that is able to understand, engage in creative thought, to think, to apply logic and to reason. Students will apply God's Word and express Christian character traits into all aspects of their lives by demonstrating good stewardship of their time, finances, talents, and treasures in practical areas of life through quantitative reasoning. Students explore topics including simple and compound interest, borrowing, and investing, proportional and statistical reasoning, mathematical modeling, and financial management. Students will examine problems, evaluate decisions, develop strategies, and draw conclusions with quantitative information, to independently find creative solutions, and then interpret and summarize quantitative and statistical concepts.

- *Prerequisite: Proficiency in Algebra I and Geometry*

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Pre-Calculus SWU Dual Credit

(Grade 12; Year; 1 credit)

Dual Credit Precalculus is a college level course that will extend on the topics covered in Honors Algebra II/Trigonometry. This course covers an accelerated Precalculus curriculum with a focus on higher-level critical thinking skills and an emphasis on synthesis of concepts which highlights God's divine power through order and design. The course emphasizes the application of concepts and derivation of theorems. In addition to the expansion of topics covered in Honors Algebra II/Trigonometry including polynomial, exponential, logarithmic, quadratic, rational, and trigonometric functions, as well as systems of equations and inequalities, matrices, powers, roots, and radicals, probability, linear programming, sequences and series, and conics. In addition, this course will also cover parametric equations, polar equations, inductive proof, and a formal introduction to calculus. The pace of Dual Credit Precalculus is very brisk with new, and often complex, material being introduced daily.

- *Prerequisite: B+ or better in Algebra II and department recommendation*
- *Requirement Graphing Calculator such as TI-NSpire CX, TI-84 or 84 plus*

HIGH SCHOOL SCIENCE

Through an aligned curriculum that emphasizes STEM activities students will be given opportunities to explore their talents in scientific and related careers through hands-on learning and the application of skills from the classroom. Students will develop the skills to ethically engage in scientific inquiry, by applying scientific knowledge through data analysis, predictions, and model-making so they will be able to solve real-world problems within the framework of a biblical worldview.

Biology is a required course for graduation. Three additional science credits are required for graduation from among these offerings: Physical Science, Chemistry, Anatomy & Physiology, AP Physics (biennial).

Policies

A failed science class receives no credit, and the student may not advance to the next course in the sequence without first repeating and passing the failed course. The failed course may be repeated during the following school year, or, with written approval, may be retaken during summer school. However, if the student receives a D+ or below, the Department **strongly recommends** that the student retake the course to improve her understanding and her foundations in the subject before taking the next science course in the sequence.

Graduation Requirements

4 credits required

Students must take a science course each year of enrollment at OCA.

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SCIENCE COURSE PROGRESSION

9th	10th	11th	12 th
Physical Science Biology	Biology Chemistry	Chemistry AP Physics Anatomy & Physiology Environmental Science	AP Physics Anatomy & Physiology Environmental Science

Procedure and Criteria for Advanced Placement

The Science department determines the roster for the following year and notifies the students, who may accept or decline this placement.

The following criteria are used:

- *Students earn A's consistently in the previous year's science class*
- *Students may not have any failing grades the previous year*
- *Students willingly and voluntarily share insights and recognize their responsibility as contributing class member.*
- *Teacher recommendation and parent approval required*

SCIENCE COURSE OFFERINGS

Physical Science: BJU Press

(Grade 9; Year; 1 credit)

The study of science is a quest to understand the world that God created. Physical Science is the study of matter and energy and includes chemistry and physics. It is a basis for the further study of chemistry and physics. The properties of matter, atomic structure, and chemical reactions allow the student to acquire an understanding of the world around them at a microscopic level. Electricity, magnetism, and waves will be discussed as the student learns how these are formed and the features that characterize them. The class also incorporates topics concerning the physical processes on earth, and the motions, characteristics, and forces in space. Case studies, worldview sleuthing activities, mini-labs, ethics boxes, and questions help students think like scientists and view physical science from a biblical perspective.

Biology: BJU Press

(Grade 9/10; Year; 1 credit)

Biology is a course dedicated to helping students explore God's creation by engaging with the broad spectrum represented in all life on Earth. We will discuss the Fall, Redemption and the Creation Mandate as it relates to the science of life. Life will be explored from the microscopic world of the cells to the macroscopic world of plants, animals, and the human body. Major topics to be studied are the structure and function of the cell, the structure and function of plants and animals, reproduction, the study of origins, ecology, biochemistry, DNA structure, and modern genetics. This invaluable lab-based class is designed to create a solid foundation of science processing skills including formulating hypotheses, experimental design, and collecting and analyzing data. The curriculum will include demonstrations, labs, individual study, and collaborative learning.

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Chemistry: BJU Press

(Grade 10/11; Year; 1 credit)

Students will discover the signature of God through their study of the atom and the periodic table. This laboratory course investigates the basic principles of inorganic chemistry including an emphasis on the application of chemistry in the community. This course is designed to teach proper sequencing of procedures, organization, and interpretation of data, calculating, reporting, and analyzing the results. Basic mathematical relationships involving analysis of substances are studied. Topics include how matter interacts in chemical reactions, solutions, acids and bases, organic chemistry, biochemistry, and nuclear changes. Students will gain a better understanding of the macroscopic effects of chemical change that they can see, but also the unseen microscopic changes that are the actual chemistry. Students will learn about chemistry through lectures, demonstrations, and labs.

- *Prerequisite: successful completion or concurrently taking Algebra II*

Environmental Science: Textbook to be determined. Course in development
(Grade 11/12; Year; 1 credit)

Environmental science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography. The goal of this class is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems, both natural and manmade, to evaluate the relative risks associated with these problems, and to examine alternative solutions to resolve and/or prevent them.

- *Prerequisite: successful completion of Biology or Chemistry*

AP Physics

Text: OpenStax College Physics for AP® Course 1, 1st Ed.
(Grade 11/12; Year; 1 credit)

God's hand in creation is clearly seen in the forces that govern the universe as revealed in the study of physics. This is a rigorous algebra-based college level physics course covering the topics of one- and two-dimensional kinematics, forces, circular motion, gravitation, work, energy, power, momentum, rotation, oscillations, wave and electricity. Physics-based concepts, understanding, and problem solving will be emphasized throughout the course. Labs will enhance understanding and application of related physics topics. The course culminates with the required AP Physics 1 exam.

From the College Board: AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore these topics: kinematics; dynamics; circular motion and gravitation; energy; momentum; simple harmonic motion; torque and rotational motion; electric charge and electric force; DC circuits; and mechanical waves and sound.

- *Prerequisites: B+ or better in Biology, Chemistry and Algebra II and department recommendation*

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Anatomy & Physiology: Exploring Creation with Advanced Biology: The Human Body 2nd ed. (Grade 11/12; Year; 1 credit)

This college-preparatory course provides an overview of God's intricate design of the human body through an introduction to human anatomy and physiology. The course includes lectures, activities, videos, simulations, and other lab-based experiences. Subject matter includes identification, description and functions of the anatomical structures found in the biochemical, cellular, histological, integumentary, skeletal, muscular, and nervous systems. Various physiological phenomena involved in the homeostasis and feedback mechanisms. Symptoms, diagnosis, treatment, and prevention of some pathophysiological conditions will be explored.

- *Prerequisites: B+ or better in Biology or Chemistry and department recommendation*

HIGH SCHOOL ELECTIVES

Visual & Performing Arts

The primary educational focus is the student as an artist in the visual and performing arts context. We believe that the visual and performing arts can be a lifelong resource, stimulus, and vehicle for expression and growth. The program is designed to foster creative artistic expression and to support the exhibition of such work. Students will be given the tools to decipher meaning and develop an understanding of the process by which each work of art was created.

Graduation Requirements: 1 credit in either Performing or Visual Arts

Procedure and Criteria for Advanced Placement

The Visual & Performing Arts Department determines the roster for the following year and notifies the students, who may accept or decline this placement

The following criteria are used:

- *Students may not have any failing grades the previous year*
- *Students willingly and voluntarily share insights and recognize their responsibility as contributing class members*
- *Teacher recommendation and parent approval required*

VISUAL AND PERFORMING ARTS COURSE OFFERINGS

Introduction to Art

(Grades 9-12: Year; 1 credit)

God is the very first artist and we are His apprentices. Students are encouraged to create art that ultimately glorifies God and reflects their imaginations and unique styles as well. The seven elements of art and the principles of design are taught as students' progress throughout the school year. Projects are completed using a variety of mediums and include collage, watercolor paint, tempera paint, pencil drawing, origami, oil pastels, paint/oil resist, and sculpture. At least three famous artists are focused on each quarter.

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Art II: *The Master and His Apprentices: Art History from a Christian Perspective* Ferguson
(Grades 10-12; Year; 1 credit)

This course is designed to continue the development of the principles of design and the focus on the history of art beginning with Creation and God as the Master artist. Students will study how art, archeology and the Bible align as they explore people, places, world events and the incredible art left behind. Students become active participants, engaging with its forms and content, as they experience, research, discuss, read, and write about art, artists, art making, and responses to and interpretations of art. Projects will include a variety of mediums and techniques.

- *Prerequisite: Proficiency in Introduction to Art*

Art III: Text to be determined. Course in development

An advanced level creative studio course that continues studies in art production, art history, art criticism and aesthetics. Course content emphasizes and reinforces knowledge and application of the design elements and their relationships to the principles of design. Students will explore print making, painting and color theory, rules of three, creating illusion and depth, and media exploration. Students are encouraged to develop experience and expertise in the use of a variety of media.

- *Prerequisite: Proficiency in Art II*

Yearbook: Herff Jones Publisher
(Grades 9-12; Year; 1 credit)

Yearbook is an interdisciplinary course combining writing, computer-assisted layout and page design, photography, art, information advertising, graphic skills, rhetoric, and current events. Students explore each of these areas and develop their areas of interest. Students will glorify God in the creative production of *The Warrior*, the printed school yearbook, an important memento of the school year. Each step in the process reinforces research, critical thinking, writing, design, and teamwork skills. Through the process, this class offers students the opportunity to sharpen skills in design, technology, organization and time management, collaboration, and leadership.

Theater and Communication: *Introduction to Theater Arts I Pioneer Drama, Essentials of Public Speaking* Cenage
(Grades 9-12; Year; 1 credit)

Theater & Communication seeks to understand the power of verbal communication, praying along with the psalmist, “May these words of my mouth and this meditation of my heart be pleasing in your sight, Lord, my Rock and my Redeemer” (Psalm 19:14). This course is designed to develop confidence in public speaking skills, build basic theater terminology, practice memorization and acting techniques, and develop a student’s creative skills through set and costume design. Students will choose topics to present, research, organize and use effective technology in speech development and delivery. Two theatrical productions will be performed for the school and local community.

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Worship Arts

(Grades 9 - 12; Year; 1 credit)

Worship Arts is designed to equip students to better serve in the ministry of Oconee Christian Academy as skilled and passionate worship leaders. This specialized program will allow students to study and practice competencies in worship that are practical to the local church. Students will receive comprehensive training in choosing music that is relevant to their peers and glorifies God, while honing their talents as public speakers, instrumentalists, vocalists, script writers, actors, directors, along with technical skills such as lighting, audio, pro presenter, camera, video production and livestreaming via social media in addition to learning to choose relevant speakers and groups to speak in chapel services.

Band

(Grades 9-12; Year)

Oconee Christian Academy's music curriculum desires to train students in the basic skills of music through the performance of various band instruments. Through the learning of instruments, students will develop an appreciation for music which will honor and glorify Jesus Christ. God teaches that we must "speak to one another with psalms, hymns, and songs from the Spirit. Sing and make music from your heart to the Lord" (Ephesians 5:19).

AP Music Theory: Elementary Harmony: Theory and Practice, 5th ed. by Robert W. Ottman
(Grade 11/12; Year; 1 credit)

This is a rigorous college level course designed for students to learn to recognize, understand, and describe the basic materials and processes of music. Students will be able to identify pitch, interval, scales and keys, chords, meter and rhythm. Skills will be developed by listening to, reading, writing, and performing a wide variety of music. The course culminates with the required AP Music Theory exam.

- *Recommended Prerequisites:* Ability to read and write musical notation and basic voice or instrument performance skills

Physical Education

The Physical Education program involves students physically, emotionally, and socially in the learning process. Self-discipline, perseverance, patience, support, teamwork, and sportsmanship are core to the curriculum. Students experience a wide variety of recreational activities and explore many health-related topics including values, exploration, stress management, nutrition and substance abuse. Physical education is designed to instill a lifetime appreciation for physical activity and the motivation to make healthy lifestyle choices.

Policies

Oconee Christian Academy PE students are required to wear black athletic shorts and a white or gray t-shirt, athletic socks, and athletic shoes with non-marking soles. Please refer to the student handbook for dress code policies.

Graduation Requirements: 1 credit required

PE and Health is a required course for graduation.

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PE & Health: Total Health: Choices for a Winning Lifestyle Purposeful Design
(Grade 9; Year; 1 credit)

PE & Health is a one year required course for all OCA students. The high school physical education and health course will provide a variety of sports activities to enhance each student's physical fitness level, skill development and game strategies as well as provide students with a thorough understanding of important physical, mental and social health issues. Students will be provided with opportunities for peer socialization, thereby allowing for leadership and sportsmanship qualities to develop regardless of skill level. Students will be presented with a moral basis for a healthy lifestyle based upon scriptural principles. Anatomy, body systems, food choices, exercise, diseases, stress, emergencies and responsibility are all areas of emphasis.

Advanced PE/Strength and Conditioning
(Grades 10-12; 1/2 credit)

This course is a semester course specifically designed to meet the physical fitness needs of all athletically involved students. The course will be a concentrated, individualized weight-training program used in conjunction with conditioning, flexibility and agility drills. The training in this class will have direct carry-over to the school's interscholastic athletic program, but participation in athletics is not a prerequisite.

- *Prerequisite: PE & Health*

Student Athlete PE
(Grades 9-12; 1 credit)

Students participating in any Junior Varsity or Varsity sport may earn up to 1 elective credit of PE credit. To earn a .5 elective PE credit, the student must participate in at least one season of s of JV or Varsity sport.

The student must obtain all paperwork within **one week of the season starting date** and **return all signed paperwork within two weeks of the completed season** to the Athletic Director who will in turn submit the paperwork to the Registrar.

Attendance:

The student **must not have more than five excused absences** (*including injuries, illness, school functions and trips*) **OR two unexcused absences from practices**. Attendance at **all** matches is required. The student must not be suspended from play for disciplinary or academic actions. The student must receive a junior varsity or varsity letter in the sport to receive credit.

Please contact the Athletic Director before the start of your season for more information. Credit will only be awarded after all requirements have been met at the end of the season. Required paperwork must be submitted on time.

This does not replace PE & Health in 9th grade.