

GARDEN CITY ACADEMY
SECONDARY (7-12) COURSE CATALOG



OPENING FALL 2024

“Innovating Education for Good”



GARDEN CITY ACADEMY
SECONDARY SCOPE & SEQUENCE



	7	8	9	10	11	12 (VECTOR)
Bible (Logos Press)	Old Testament	New Testament	Practical Christianity	Systematic Theology	Church History	Apologetics
Language Arts (Lost Tools of Writing)	Grammar I Composition I Typing	Composition II	Lost Tools of Writing I & Comparison Essay	Lost Tools of Writing I&II Comparison Essay	Elements of Style Junior Thesis	Elements of Style Senior Thesis Doctrine
Literature (Logos Press & Veritas Press)	Newberry Medal Books	American Lit & Newberry Medal Books	Classical Lit	Medieval Lit	American Lit British Lit	America Lit Old & New Testaments
History (Logos & Veritas)	World Geography & Fallacies	World Geography & Northwest History	Ancient History	Medieval History & Early Modern	American & Modern History	Civics & Culture
Math	Pre-Algebra Saxon 8/7 & Alg.1/2	Algebra 1 or 1a	Algebra 1B or Geometry	Algebra 2 or Geometry	Algebra 2 Pre-Calculus or Statistics	Calculus Pre-Calculus Statistics
Science (Apologia)	Botany Human Body Animals	Logic	Physical Science	Biology	Chemistry Anatomy/Physiology Marine Biology	Physics Anatomy/Physiology Marine Biology
Latin (Kraken & Lingua Latina)	Latin I	Latin II	Latin III or Spanish I	Latin IV or Spanish II	Greek or Spanish III	Latin, Greek or Spanish IV
Art	Basic Drawing, Fine Artists & Techniques	Basic Drawing, Fine Artists & Techniques	Basic Drawing, Fine Artists & Techniques			
Music	Music Theory & Singing	Music Theory & Singing	Music Theory & Singing	Music Theory & Singing	Music Theory & Singing	Music Theory & Singing
P.E.	Athleticism/Fitness Strength Training Nutrition/Health	Athleticism/Fitness Strength Training Nutrition/Health	Athleticism/Fitness Strength Training Nutrition/Health	Athleticism/Fitness Strength Training Nutrition/Health	Athleticism/Fitness Strength Training Nutrition/Health	Athleticism/Fitness Strength Training Nutrition/Health
Homestead Skills	Agriculture Outdoor Ed Survival/Emergency Nature Studies Handyman/Shop Character & Leadership	Agriculture Outdoor Ed Survival/Emergency Nature Studies Handyman/Shop Character & Leadership	Agriculture Outdoor Ed Survival/Emergency Nature Studies Handyman/Shop Character & Leadership	Agriculture Outdoor Ed Survival/Emergency Nature Studies Handyman/Shop Character & Leadership	Agriculture Outdoor Ed Survival/Emergency Nature Studies Handyman/Shop Character & Leadership	Character & Leadership Course Internships & Work Experience

Junior High Course Plan

The seventh and eighth grade years serve as final preparation for high school, and our goal is to give the students a foundation in the core disciplines, and in art and physical education, for the more rigorous course load in high school. By developing relationships with the children, teachers will disciple them in this important season of growth and maturation. We fully respect parents as the primary educator of their children, and our desire is to partner with parents as we disciple their children.

These years are formative for children as they become more independent and grow in discipline and ownership of their work. Students will be challenged and disciplined as they learn how to glorify God in their studies, both in subjects that come easily and in those that require more effort.

Required Core Classes: *Courses of study required for promotion into high school.*

There are eight core classes required for the student to take each year:

- Bible
- Composition & Logic/Rhetoric
- History & Literature
- Mathematics
- Science
- Foreign Language: Latin
- Physical Education
- Music/Art

Eighth Grade Graduation

Students must graduate from eighth grade to be promoted to GCA's high school program. To graduate, students must demonstrate proficiency in the required core classes.

Seventh Grade

Teacher/Student Ratio: 20:1

School Hours: 8:00 a.m. – 2:45 p.m.

Academics

Bible: Students will survey the Old Testament, emphasizing important characters and locations within the O.T. timeline. The goal is to help students apply Scripture to all of life and to understand that biblical characters were real people, living real lives, making good or bad choices. The major themes within this course are the Bible as God’s revealed word and His merciful and loving provision for our salvation.

Composition/Logic/Rhetoric: Using the Lost Tools of Writing, students will begin composing persuasive essays—a writing structure that establishes clear, well organized, and logical reasoning skills. The essays will grow in complexity throughout the year, and students will learn about different stylistic techniques to incorporate in their writing. Essays will correspond with the Newberry Literature books the students read during the year. Students will also study English grammar and apply these rules to both writing and speaking.

History/Literature: Having a solid grasp of cartography will enhance students’ ability to understand history, the geographical context for war, and the corresponding locations. Students will memorize one continent at a time and focus on learning countries, capitals, geography terms and current political boundaries. By the end of the year, students will be able to draw and label the entire world from memory! Students will enjoy reading literature awarded the Newberry Medal that corresponds to the specific areas of focus in cartography. In addition, students will study logical fallacies to further strengthen their analysis of arguments and the English language.

Language: The study of Latin is valuable for solidifying children’s understanding of the English language, for developing logical thinking skills, and for laying a foundation from which all other languages can be learned with ease. The emphasis in seventh grade is memory work of vocabulary, declensions, and conjugations to then begin translating from English into Latin and Latin into English, all the while strengthening their foundation of English grammar.

Math: Pre-algebra is a year to review the foundation laid in the elementary years and then advance to the next level, which includes instruction in and memorization of the laws and formulas undergirding algebra. From variables to exponents, ratios and proportions to algebraic formulas, inequalities, absolute value, linear functions, coordinate planes, and more, students will understand core concepts for the study of algebra.

Science: Botany, the study of animals, and anatomy, the study of the human body, are the areas of focus this year. Students will participate in many hands-on activities and experiments while learning to use the scientific method to further study science. To further develop this skill, students will participate in a science fair. They will complete the year studying human anatomy and learning to draw and label from memory the key body systems.

Music/Art:

Music: Students will learn proper vocal technique, music theory, and music sight reading in this course. The goal is for students to use their voices joyfully and skillfully in song, bringing glory to God. Many performances will be scheduled throughout the year, and students are expected to participate.

Art: Students learn the basics of drawing and various techniques to advance their drawing skills. Famous artists will also be studied, and students will have fun learning and practicing their techniques in a variety of mediums. As students study different styles of art, teachers will discuss how to understand art within a biblical worldview.

PE/Typing:

Physical Education: In the junior high school years, the physical education program continues to have a strong focus on long-term athletic development (LTAD) through the use of fun and engaging athletic games. These games are strategically designed to form a strong foundation in the various types of athletic movements like running, jumping, changing direction, reading and reacting, catching, throwing, pushing, pulling, and more. Fundamental mastery of these basic movement skills is prioritized at the younger ages to build an athletic foundation that will allow the students to push their bodies to new athletic and fitness levels throughout their secondary years. Starting in the junior high school years, students are introduced to strength and conditioning training where they will be taught proper lifting mechanics, how to create personalized strength training programs, and challenged to create functional strength in all of their movements. Students will also be taught nutrition and health principles to ensure they have a comprehensive understanding of how nutrition can impact all facets of life.

Typing: Students will learn how to type with accuracy and speed in this class. They will also be disciplined in the use of technology as a tool and how to avoid common temptations and pitfalls that are prevalent today.

Farmer Field Studies: On Fridays, students will have the ability to practice and develop life skills that will help the child thrive as an adult. These skills will be fitting for the children's age and their individual developmental phase. Skills will build on each other year after year. Parental involvement is welcome!

Eighth Grade

Teacher/Student Ratio: 20:1

School Hours: 8:00 a.m. – 2:45 p.m.

Academics

Bible: Students will survey the New Testament, emphasizing important characters and locations within N.T. timeline and with an understanding that the New Testament fulfills the Old Testament. The goal is to help students apply Scripture to all of life and to understand that biblical characters were real people, living real lives, making good or bad choices. The major themes within this course are the Bible as God's revealed Word and His merciful and loving provision for our salvation, with a focus on Jesus's death and resurrection as God's answer for the sins of the world.

Composition/Rhetoric: Using the Lost Tools of Writing, students will continue composing persuasive essays—a writing structure that establishes clear, well organized, and logical reasoning skills. The essays will grow in complexity throughout the year, and students will learn about different stylistic techniques to incorporate in their writing. Essays will correspond with the Newberry Literature books the students read during the year. English grammar will be reviewed, and students will be required to apply their knowledge and understanding of this discipline as they proofread and edit their papers.

History/Literature: Cartography and Northwest History are emphasized this year. Students will begin the year reinforcing their grasp of world geography. Northwest History gives students an understanding of the local area: the history, structures of government, their origins, and a history of the people here, all through the lens of a biblical worldview. Students will have various projects, memorization goals, and an informal debate to introduce rhetorical skills.

Language: The study of Latin is valuable for solidifying children's understanding of the English language, for developing logical thinking skills, and for laying a foundation from which all other languages can be learned with ease. The emphasis in eighth grade is memory work of vocabulary, declensions, and conjugations to then begin translating from English into Latin and Latin into English, all the while strengthening their foundation of English grammar.

Math: Algebra is studied with an emphasis in algebraic operations such as linear equations, inequalities, quadratic equations, radical expression, and polynomials. Students will learn to graph linear functions and be introduced to graphing quadratic functions. Problem solving strategies will be learned as well.

Science: Introductory Logic—the art and science of reasoning well. Students at this age love to engage in questions and debates, and as they listen to others and respond, the study of logic is a valuable tool to help them think critically.

Music/Art:

Music: Students will learn proper vocal technique, music theory, and music sight reading in this course. The goal is for students to use their voices joyfully and skillfully in song, bringing glory to God. Many performances will be scheduled throughout the year, and students are expected to participate.

Art: Students learn the basics of drawing and various techniques to advance their drawing skills. Famous artists will also be studied, and students will have fun learning and practicing their techniques in a variety of mediums. As students study different styles of art, teachers will discuss how to understand art within a biblical worldview.

PE/Typing:

Physical Education: In the junior high school years, the physical education program continues to have a strong focus on long-term athletic development (LTAD) through the use of fun and engaging athletic games. These games are strategically designed to form a strong foundation in the various types of athletic movements like running, jumping, changing direction, reading and reacting, catching, throwing, pushing, pulling, and more. Fundamental mastery of these basic movement skills is prioritized at the younger ages to build an athletic foundation that will allow the students to push their bodies to new athletic and fitness levels throughout their secondary years. Starting in the junior high school years, students are introduced to strength and conditioning training where they will be taught proper lifting mechanics, how to create personalized strength training programs, and challenged to create functional strength in all of their movements. Students will also be taught nutrition and health principles to ensure they have a comprehensive understanding of how nutrition can impact all facets of life.

Typing: Students will learn how to type with accuracy and speed in this class. They will also be disciplined in the use of technology as a tool and how to avoid common temptations and pitfalls that are prevalent today.

Farmer Field Studies: On Fridays, students will have the ability to practice and develop life skills that will help the child thrive as an adult. These skills will be fitting for the children's age and their individual developmental phase. Skills will build on each other year after year. Parental involvement is welcome!

Parent Communication and Student Assessment

RenWeb/Email: GCA uses RenWeb as a school wide communications system. School announcements and homework can be found on RenWeb as well. Parents should check email

regularly for information about upcoming events and important announcements. Please notify the school if you have a change in email address.

Homework: Homework will be kept to an average of 1 hour per night. Homework will not be assigned over the weekend or over holidays. *Students are required to bring a planner to class in which to record their homework assignments. This skill aids in developing basic ownership and responsibility.

Parent Teacher Conferences/Report Cards: At GCA we take our partnership with parents seriously in the spiritual formation and academic formation of students. While GCA operates on a semester schedule, testing and parent/teacher conferences (as needed) will take place at the mid-semester (quarter) mark to keep an accurate understanding of how students are performing in each of their classes. At the end of each semester, a cumulative final exam will be given for each class, and a mandatory parent/teacher conference will take place to discuss the development of students in both academic and spiritual areas. Notifications will be sent through RenWeb if a student's grade in a specific class needs attention throughout each semester. If you would like to meet with your student's teacher outside of the mid-semester or end of semester periods, you certainly may request a time to meet. Report cards will be mailed to your home address two weeks after the semester ends.

Grading Scale:

A grade point average (GPA) is calculated at the end of each semester. Grades and GPA will be listed on the student's transcript.

Academic Classes

%	Grade	GPA
100-94	A	4.0
93-90	A-	3.7
89-87	B+	3.3
86-84	B	3.0
83-80	B-	2.7
79-77	C+	2.3
76-74	C	2.0
73-70	C-	1.7
69-0	F	0.0

High School Course Plan

The ninth through twelfth grade years are exciting and rigorous. Our goal is to help students thrive in their studies by instilling in them a love for learning, even in subjects they find challenging. Each high school year will ground students in core disciplines that meet graduation requirements and that mold and shape them with a well-rounded education. By developing relationships with the children, teachers will disciple them in this important season of growth and maturation.

In addition to core requirements, GCA offers a variety of courses focusing on different skill sets, including an independent study option during the twelfth-grade year for students to explore occupations of interest. Honors courses in grades ten through twelve are offered to give the student both high school credit and college credit. *See high school graduation requirements below. **Honors courses are marked with an asterisk in the course description.

The high school experience culminates with a senior capstone experience spent as a dual enrolled student in GCA and Vector Institute. This is our version of a Christian “running start” program where students get to take college courses and earn college credits while enrolled in high school. Vector Institute is a one year, college-level, intensive bible and leadership training.

These years are formative for children as they become more independent and grow in discipline and ownership of their work. Students will be challenged and disciplined as they learn to glorify God through the choices they make, their conduct, and their character both in and outside of the classroom.

Required Core Classes: *Courses of study required for graduation from high school.*
There are eight core classes required for the student to take each year:

- Bible
- Composition & Logic/Rhetoric
- History & Literature
- Mathematics (*required grades 9-11*)
 - *Mathematics course options available for grades 9-12*
- Science (*required grades 9-11*)
 - *Science course options available for grades 11 and 12*
- Foreign Language: Latin (*required grades 9-10*)
 - *Foreign language options available for grades 11 and 12*
- Music & Art (*required in grade 9 only*)
- Physical Education (*required 9-12*)

Ninth Grade

Teacher/Student Ratio: 20:1

School Hours: 8:00 a.m. – 2:45 p.m.

Academics

Bible: As students mature in heart and mind, this timely Practical Christianity course walks through the Christian life and considers how to daily follow Jesus. From worship, forgiveness, confession of sin, and restitution to assurance of salvation and resisting temptation, Scripture provides guidance for believers living in Christ. Students will study Bible reading, contentment, the will of God, calling, masculinity, femininity, relationships, and more.

Composition/Logic/Rhetoric: Students will fine tune the persuasive essay, writing papers correlating to the literature and history they study, finishing the year by learning the comparison essay. Students are also developing skills in oral communication and will have speaking assignments throughout the year. Students will review informal fallacies and English grammar and will apply their knowledge as they proofread and edit their papers.

History/Literature: Students will study the ancient world, from creation of the first empires to the fall of Rome, emphasizing ancient Greece and Rome. Students will engage in lively discussions that incorporate a biblical worldview. Through debate, memorization, and special projects students will be encouraged to think deeply and critically about what they are learning. These exercises will also strengthen their rhetorical skills.

Language: Students will have the option of taking Latin I or Spanish I. Latin students will tackle translation work immediately and progress into more complex translations over the course of the year. Spanish I students will take an immersive Spanish course with the goal of speaking it as much as possible.

Math: Students may enroll in either Algebra 1B or Geometry, depending on their understanding of math at the end of the previous school year.

- Algebra 1B: Students will study signed numbers, exponents, roots, absolute value, equations and inequalities, scientific notation, unit conversions, polynomials, graphs, factoring, quadratic equations, and more. *Please see Saxon math scope and sequence for more information. *Algebra 1 and 2 include geometry.
- Geometry is for students who desire a dedicated geometry course and is recommended for students desiring to pursue mathematically oriented occupations, such as engineering. Students will study triangle congruence, postulates and theorems, surface area and volume, two column proofs, vector addition, slopes and equations of lines, and more.

Science: In Physical Science, students will study earth science, basic chemistry, and physics. This course lays the foundation for their remaining two years of required science (biology and one additional science w/ lab course).

Music/Art: Students study vocal technique, sight read music, and participate in concert performances as part of the high school choir, giving each student the foundation to sing joyfully and skillfully as adults.

Physical Education: GCA students will participate in a challenging physical training program to instill lifelong healthy habits while achieving high fitness levels. Advanced functional movement principles are taught through strength training, athletic movements, and cardiovascular training. In addition to the intense physical training, students are taught advanced nutrition and health principles to ensure they have a comprehensive understanding of how to create a personal plan to fit their lifestyle goals.

Farmer Field Studies: On Fridays, students will have the ability to practice and develop life skills that will help the child thrive as an adult. These skills will be fitting for the children's age and their individual developmental phase. Skills will build on each other year after year. Parental involvement is welcome!

Tenth Grade

Teacher/Student Ratio: 20:1

School Hours: 8:00 a.m. – 2:45 p.m.

Academics

Bible: Students study a broad array of basic Christian doctrines, including the Word of God, the doctrine of God, man in the image of God, Christ and the Holy Spirit, the application of redemption, the Church, and more. Students learn what Christians believe and why they believe it, enhancing students' ability to give an answer for the hope they have in Christ.

Composition/Logic/Rhetoric: Students will write comparison essays, judicial addresses, and a short story at the end of the year. Students will practice logic and rhetoric in both writing and speaking. They will review English grammar and will apply their knowledge as they proofread and edit their papers.

History/Literature: In medieval history, the student will study some of the great conflicts of Europe while learning about significant leaders from this period: Alfred the Great, Charlemagne, William the Conqueror, Pope Gregory VII, King Richard and King John, Pope Innocent III, and many more. Students will learn about feudalism, the separation of church and state, the building of castles and cathedrals, medieval warfare, the Black Death, the Renaissance, and the Reformation. Students will engage in lively discussions that incorporate a biblical worldview. Through debate, memorization, and special projects students will be encouraged to think deeply and critically about what they are learning. These exercises will also strengthen their rhetorical skills.

Language: Students will have the option of taking Latin II or Spanish II. This year marks the final required year of language for the student. Latin students will begin translating the portions of the Vulgate and progress to more difficult passages over the course of the year. Spanish II students will strengthen skills of speaking the language through immersion.

Math: Students may enroll in either Geometry or Algebra II, depending on their previous work in mathematics.

- Geometry is for students that desire a dedicated geometry course. Students will study triangle congruence, postulates and theorems, surface area and volume, two column proofs, vector addition, slopes and equations of lines, and more.
- Algebra 2: Students receive one semester of geometry in this course covering topics such as geometric functions, angles, perimeters, and proportional segments. The remainder of the year students will study algebra, including such topics as negative

exponents, quadratic equations, metric conversions, logarithms, advanced factoring, and more. *See Saxon scope and sequence chart.

Science: In Biology students will embark on the study of life sciences. Through experiments, lab reports, reading and beautiful illustrations, students will learn about atoms, chemical structures, ecosystems, biomes, ecological communities, cell structure and function, cellular energy, DNA, proteins, cell cycles, and genetics. Students will also enjoy studying the world of plants and animals, including dissections.

Physical Education: GCA students will participate in a challenging physical training program to instill lifelong healthy habits while achieving high fitness levels. Advanced functional movement principles are taught through strength training, athletic movements, and cardiovascular training. In addition to the intense physical training, students are taught advanced nutrition and health principles to ensure they have a comprehensive understanding of how to create a personal plan to fit their lifestyle goals.

Music/Art: Students study vocal technique, sight read music, and participate in concert performances as part of the high school choir, giving each student the foundation to sing joyfully and skillfully as adults.

Farmer Field Studies: On Fridays, students will have the ability to practice and develop life skills that will help the child thrive as an adult. These skills will be fitting for the children's age and their individual developmental phase. Skills will build on each other year after year. Parental involvement is welcome!

Eleventh Grade

Teacher/Student Ratio: 20:1

School Hours: 8:00 a.m. – 2:45 p.m.

Academics

Bible: Students embark on an adventure through church history as they study the development of the church from apostolic times to present, including the growth of Christianity in Asia, India, and Africa.

***Composition/Logic/Rhetoric:** Over the course of the year, students will write a thesis. Students have been well equipped for this project, and their research and organization skills grow to new levels. Clear and logical thinking, stylistic techniques, and excellent application of English grammar are goals of this writing project. Students will present the thesis to their class and are allowed to speak from written materials during the presentation.

***History/Literature:** United States history is the focus this year. Beginning at the founding of our country, students will study important American documents, such as the Declaration of Independence, the Articles of Confederation, the U.S. Constitution, and the Bill of Rights. Students will learn a timeline of events stretching from the colonial era to the present, engaging such topics as the United States as a world leader, the causes and consequences of major wars, cultural trends, the decline of biblical virtues, and the acceleration of technology through a variety of discussions, debates, and other projects.

Math: Students may enroll in either Algebra II or Pre-Calc, depending on their previous work in mathematics. This year will fulfill their math requirements for graduation.

- Algebra 2: Students receive one semester of geometry in this course covering topics such as geometric functions, angles, perimeters, and proportional segments. The remainder of the year students will study algebra, including such topics as negative exponents, quadratic equations, metric conversions, logarithms, advanced factoring, and more. *See Saxon scope and sequence chart.
- Pre-Calculus: Students will study trigonometry, logarithms, analytic geometry, and upper-level algebraic concepts preparing them for Chemistry, Calculus, and Physics. This course will also prepare the student for the ACT, SAT or CLT exams as it solidifies their understanding of Algebra 1, Algebra 2, and Trigonometry, which are all included in these exams.

***Science:** Students will have the option to enroll in chemistry, marine biology, or anatomy for this final required year of science.

- **Chemistry:** In Chemistry, students will learn about cover measurements and units, atoms and molecules, atomic structure, polyatomic ions and molecular geometry, stoichiometry, acid-base chemistry, thermodynamics, kinetics, chemical equilibrium, and more. Students will participate in fascinating experiments to experience the results of chemical combinations in real time and to sharpen the student's observation skills. Students will learn how to write a lab report.
- **Marine Biology:** Students will learn more about the physical characteristics of the ocean, diving into the study of sea life, the first four kingdoms, marine invertebrates and vertebrates, marine ecology, coral reefs, and more.
- **Anatomy:** In this course focusing on the structure of the body, students will explore organs, bones, structures, and cells that enable our bodies to function.

Physical Education: GCA students will participate in a challenging physical training program to instill lifelong healthy habits while achieving high fitness levels. Advanced functional movement principles are taught through strength training, athletic movements, and cardiovascular training. In addition to the intense physical training, students are taught advanced nutrition and health principles to ensure they have a comprehensive understanding of how to create a personal plan to fit their lifestyle goals.

Music/Art: Students study vocal technique, sight read music, and participate in concert performances as part of the high school choir, giving each student the foundation to sing joyfully and skillfully as adults. Students will also grow their artistic skills through weekly art lessons.

***Language:** Students will have the option to enroll in Latin III, Spanish III, or Greek. These advanced language classes will further prepare the student for a liberal arts education or an emphasis in languages beyond high school.

- **Latin III**—Students will work through translations in the Vulgate and classical works.
- **Spanish III**—Students will grow in their language skills as they speak with one another in Spanish.
- **Greek**—Students will learn the linguistic and syntactic elements of Koine Greek as they begin to translate the Greek New Testament.

***Budget/Finance:** In this course, students will engage in the very practical and necessary skill of managing their money well. From creating a budget, to learning about the stock market, purchasing a car, student loans, credit cards, and debt, students will exit this class with a biblical worldview of stewarding their money.

Twelfth Grade

One of the unique aspects of the GCA educational model is the commitment to developing a Christian “running start” program where students can earn college credits while in high school. During the tenth and eleventh grade years, students have the opportunity to take dual credit and/or AP level courses for college credit. Then, during the twelfth grade year, students have the opportunity to participate in Vector Institute while enrolled at GCA. Vector Institute is a one-year, college-level, highly intensive bible and leadership program. In addition to participating in Vector, twelfth grade students will have the option to add electives in math, science, foreign language, and music/arts.

Academics

***Vector Bible:**

Fall: Bible Study Methods & Pentateuch: The fall term lays a crucial foundation for knowing how to read and interpret the Bible. It then explores the first five books of the Bible, the foundation of the grand metanarrative of God’s Word. You will gain an understanding of literary genres in the Bible and survey the Pentateuch with a strong focus on Biblical Theology.

Winter: Prophets & Writings: The winter term class surveys the Old Testament Prophets and Writings—these are the biblical books referred to as the Histories, Prophets, and Wisdom Literature. You will practice doing Biblical Theology through various assignments and presentations.

Spring: New Testament: The spring term serves as the culminating Bible class of the Vector program where students will survey the entire New Testament. The New Testament authors were the ultimate biblical theologians, building on the foundation of the Old Testament and expounding the Gospel of Jesus Christ through captivating narrative and profound prose.

***Vector Doctrine:**

Fall: God Speaks: In this class, students will discover that faithful discipleship requires doctrine. Theology begins with God the Father, the Creator of Heaven and Earth. His revelation of Himself to us is the only real foundation of knowledge. You will learn the Doctrines of Revelation, Scripture, God and His Attributes, the Trinity, and Creation.

Winter: God Redeems: Building on the theme that doctrine and discipleship are companions, you will gain a practical understanding of mankind, sin, and salvation. The theological focus is now on God the Son, Jesus Christ, who is Savior and Lord. You will learn the Doctrines of Man, Sin, Angels and Demons, Christ, Atonement, and Salvation.

Spring: God Sends: In this final Doctrine term, students will be equipped to live as Spirit-filled believers. The emphasis moves to God the Holy Spirit. Students will learn the Doctrines of the Holy Spirit, Sanctification, the Church, Heaven and Hell, and End Times.

***Christianity & Civics:**

(*NOTE: This course will be modified to fulfill US Civics College Credit Requirements)

Fall: Great Ideas of the West: Long before the Pioneers, Pilgrims, and Puritans, the seeds of Western Civilization were planted by the Ancients. To understand our modern age, we need a history of the ages. This class is a survey of Western thought. Students will be amazed by the powerful influence that ideas can have—even really old ones. This class gives students a foundation for understanding culture.

Winter: God, Government, and American Civics: What is government? What does politics have to do with faith? This class focuses on the history of the American government and the influence of Christianity. Students will study foundational American documents like the Declaration of Independence and the U.S. Constitution. This class prepares students to think and act biblically as a Christian and citizen.

Spring: Understanding the Times: This capstone Christianity & Culture class faces the hot button cultural issues of our day head-on and gives students the opportunity to practice critiquing culture through the lens of biblical truth. Through reading, presentations, and debate, students will learn how to think on their feet and articulate truth. Leaders have to know how to communicate and persuade. This class will prepare students for just that.

***Apologetics:**

Fall: Worldview: In this introduction to Apologetics, students will learn the components of worldviews, and belief systems. Every person presupposes a way of viewing the world that governs everything he does. This class explores various prevalent worldviews that are opposed to Christianity. Students will be equipped to understand opposing belief systems and be trained in how to critique and refute them with the light of God's Word.

Winter: Apologetics: Apologetics is one of the most exciting disciplines of Christian Theology. We are commanded by the Apostle Peter to "be ready to give an answer for the hope that we have." How do we cultivate this readiness? This class is a rigorous and engaging training that prepares students to bring the Christian worldview into real life relationships and conversations.

Spring: The Life and Thoughts of C.S. Lewis: This culminating class of the Apologetics curriculum is a deep dive into the writings of one of the greatest thinkers in the history of the Church. C.S. Lewis was masterful, whether he was writing children's fantasy, sophisticated sci-fi, devotional

reflections, or studious theology. He did all of it with remarkable skill. The beauty of the Christian worldview permeates through everything Lewis wrote. This class is nothing short of a rollicking good time.

***Character & Leadership:**

Fall: Practical Discipleship: In this class, students will learn and develop spiritual disciplines. Students will not only discover the biblical basis for these disciplines, they will be given opportunities to practice them. A thriving relationship with Christ is the bedrock of character. This class helps students get the important things right.

Winter: Life Vision & Stewardship: Do you know where your life is going? Have you charted a course for faithfulness and fruitfulness? This class gives students the practical tools for making a life plan. This is an exercise that students will be able to use for the rest of their life. Additionally, students will learn the importance of stewardship with a special focus on biblical wisdom for managing money.

Spring: Practical Theology of Vocation: Every Christian has been called by God. How does this calling impact our work, relationships, and roles? The success of your leadership is determined by your humility and dependence on Christ. In this class, students will gain confidence in their calling, understand biblical manhood and womanhood, learn to trust the Holy Spirit, and deepen their conviction that God is sovereign over the specific details of their life.

***Composition/Logic/Rhetoric:** Twelfth grade students write a senior thesis as a capstone project for the completion of their academic years in high school. Their research and organization skills will be taken to a new level, and clear and logical thinking, stylistic techniques, and excellent application of English grammar will be evident in the outcome of this writing project. Students are encouraged to choose a topic that suits their passions and interests. The senior thesis will be presented orally before a panel of teachers and classmates. Doctrine will also be taught for students to use as a foundation for biblical worldview at the core of their thesis.

Math: Students may enroll in either Pre-Calc, Calculus, or Statistics.

- Pre-Calculus: Students will study trigonometry, logarithms, analytic geometry, and upper-level algebraic concepts preparing them for Chemistry, Calculus, and Physics. This course will also prepare the student for the ACT, SAT or CLT exams as it solidifies their understanding of Algebra 1, Algebra 2, and Trigonometry, which are all included in these exams.
- *Calculus: This is an honors level course that prepares the students planning to attend college for the study of medicine, engineering, or science.
- *Statistics: Through graphing, estimation, distribution, and variance, students will learn to collect, organize, understand, interpret, and communicate data. Statistics is a valuable skill for presenting data in a clear and accurate way.

Science: Students will have the option to enroll in Physics, Marine Biology, or Anatomy.

- *Physics: Students learn about Newton's laws, work and energy, magnetism, waves, electrostatics, and more in this class. This course will prepare the student for college level science classes.
- Marine Biology: Students will learn more about the physical characteristics of the ocean, diving into the study of sea life, the first four kingdoms, marine invertebrates and vertebrates, marine ecology, coral reefs, and more.
- Anatomy: In this course focusing on the structure of the body, students will explore organs, bones, structures, and cells that enable our bodies to function.

Music/Art: Students will have the option to study vocal technique, sight read music, and participate in concert performances as part of the high school choir, giving each student the foundation to sing joyfully and skillfully as adults. Students will also grow their artistic skills through weekly art lessons.

***Language:** Students will have the option to enroll in Latin IV, Spanish IV, or Greek II. These advanced language classes will further prepare the student for a liberal arts education or an emphasis in languages beyond high school.

- Latin IV:
- Spanish IV:
- Greek II:

Vector Retreats, Excursions, and More: A big part of the Vector experience is the special retreats and excursions that the students take part in. In years past, students have done a Vector boot camp, redemption retreat, and a spiritual gifts retreat. In addition to these three retreats, Vector students will go on two excursions: "Yellowstone: The Great American West" in the fall and "Washington D.C.: The Bible and Freedom" week-long trip in the spring. In addition to these experiences, Vector students also take part in 3x/week intensive physical training, leadership symposiums, serving opportunities at Grace City Church, and more.

High School Grading Scale:

A grade point average (GPA) is calculated at the end of each semester. Grades and GPA will be listed on the student's transcript. A sliding scale will be used for Honors and College level courses.

Academic Classes

%	Grade	GPA
100-94	A	4.0
93-90	A-	3.7
89-87	B+	3.3
86-84	B	3.0
83-80	B-	2.7
79-77	C+	2.3
76-74	C	2.0
73-70	C-	1.7
69-0	F	0.0