

	Class Name	Annual Tuition	Description and Text
<b>K – 3rd</b>	<b>Collections with Connection (K-1st)</b>	\$490	K-1 <sup>st</sup> Science Club to show the sovereignty of Almighty God as we build collections based on the days of creation. 2-year cycle
	<b>Complexities of Creation (2nd-3rd)</b>	\$520	2 <sup>nd</sup> -3rd Science Club focusing on the different cycles found in the natural world and how they show the God of Creation. 2-year cycle
<b>STEM (4th-8th)</b>	<b>4th Grade</b>	\$1,385	Each section covers Science, Technology, Engineering, and Mathematics for that grade level. For more information, see the STEM brochure.
	<b>5th Grade</b>	\$1,485	
	<b>6th-8th Grade</b>	\$1,995	
	<b>Elementary English</b>	\$590	This class focuses on basic grammar and writing. <b>English 5 Writing and Grammar</b> , 2nd ed., BJU Press (2010)
<b>Sixth Grade</b>	<b>Intro Science</b>	\$1,280	This class focuses on basic science skills and procedures while meeting the necessary standards. Typically for 6 <sup>th</sup> grade but great for any age middle schooler who has little exposure to hands-on science. <b>Custom curriculum (No textbook)</b>
	<b>Intro Math</b>	\$590	This is the beginning of a two-course middle school series intended to bridge the gap from elementary mathematics to Algebra 1. The program is designed to motivate your students, enable them to see the usefulness of mathematics in the world around them, enhance their fluency in the language of mathematics and prepare them for success in algebra and geometry. <b>Mathematics Course 1 Text &amp; Workbook</b> , Prentice Hall
	<b>English</b>	\$590	Class focuses on basic grammar, writing and basic literature. Extra books will be used for reading and learning novel ways to present a book review. <b>English 6 Writing and Grammar</b> , 2nd ed., BJU Press (2005)
<b>Seventh Grade</b>	<b>Life Science</b>	\$1,280	A strong course covering material from cell structure through kingdoms & phyla. Excellent pre-high school Biology course. All material is taught from a Creation viewpoint. While typically for 7 <sup>th</sup> grades, this class is strongly recommended before advancing to high school biology. <b>Custom Curriculum (no textbook)</b>
	<b>Intermediate Math</b>	\$590	This is the second part of a two course middle school series intended to bridge the gap from elementary mathematics to Algebra 1. The program is designed to motivate your students, enable them to see the usefulness of mathematics in the world around them, enhance their fluency in the language of mathematics, and prepare them for success in Algebra and Geometry. <b>Mathematics Course 2</b> , Prentice Hall
	<b>English</b>	\$590	Class focuses on grade appropriate grammar, writing and basic literature. Extra books will be used for reading and learning novel ways to present a book review. <b>English 7 Writing and Grammar</b> , 3rd ed., BJU Press (2011)
<b>Eighth Grade</b>	<b>Environmental &amp; Earth Studies (Earth Science)</b>	\$1,280	Designed to develop critical thinking in science through the study of Earth and Physical Science topics that affect our lives (Typically for 8th graders) <b>Custom curriculum (no textbook)</b>
	<b>Algebra 1 - 1<sup>st</sup> year</b>	\$640	Part one of a two year journey through Algebra, the course begins with a review of the real numbers and the coordinate plane. Next, the students will investigate equations, inequalities, and proportions in the preparation for a detailed study of graphs and functions. The course will employ concrete examples for the test as well as hands-on exercises with manipulatives to help bridge the gap to key algebraic concepts. This will prepare the student well for the second year of deeper study. <b>Algebra I</b> , Prentice Hall
	<b>English</b>	\$590	This class focuses on more advanced grammar, writing and basic literature. Four books read outside of class during the year. Writing assignments of various types taught throughout the year. <b>English 8 Writing and Grammar</b> , 3rd ed., BJU Press (2011) <b>Writer's Inc. (2006)</b>
<b>Middle School Electives</b>	<b>MS Spanish</b>	\$590	Students start from the beginning of the Spanish language and learn how to speak with simple Spanish. By the end of the year, they should be able to write a letter, say Bible verses, and understand basic Spanish. <b>Paso A Paso (A)</b>
	<b>Latin I or II</b>	\$590	Latin I focuses on the basics of Latin that is integral in obtaining a better understanding of other languages and subjects. It begins with a vocabulary of 500 words that allows students to master grammar without being overwhelmed. Latin II continues the grammar with a focus on verbs. <b>Henle Latin</b> , Loyola Press
	<b>MS History (Scheduled on an as needed basis)</b>	\$590	Through hands-on activities this course surveys the history of the state from the Native Americans to the 21st century. Students will see the history come alive.
	<b>American Military History &amp; Heritage (7th/8th) (Not offered in 2014-2015)</b>	\$590	This course introduces students to the history of the American military and heritage from a Christian world view. There is a brief survey of warfare from ancient times, and then the focus moves to American military history from pre-revolutionary battles through modern warfare. Special attention is given to lessons learned from battle, with particular emphasis on America's Godly heritage.
	<b>Robotics Club (ages 9-14)</b>	\$200	This club competes in the First Lego® League. Students learn how to design and program a robot to perform specific tasks. They also prepare a technical presentation and a group project as part of the competition.

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Ninth Grade	Physical Science	\$1,450	Some Physical Science material is taught in Earth Science and is completed in this class. The highpoint is when the students present their Rube Goldberg contraptions showing the different types of energy and machines. There is a strong chemical component in this class to prepare students for Chemistry in the future. <b>Physical Science (4th ed. BJU)</b>
	Algebra 1, year 2	\$750	This course begins with a review of the real number system, operations with and factoring of polynomials, solving first-degree equations and graphing linear functions. It continues with a thorough development of systems of linear equations and inequalities, quadratic functions, rational and irrational numbers, and exponents. <b>Algebra 1, Prentice Hall</b>
	Algebra 1, Honors	\$750	This course begins with a review and continues with a thorough development of systems of linear equations and inequalities, quadratic functions, rational and irrational numbers, and exponents. Covers Algebra 1 – parts 1 and 2 in one year. <b>Algebra 1, Prentice Hall</b>
	Geometry	\$750	This course focuses on important geometric facts, proofs using deductive reasoning, the integration of algebra and geometry; and applications of geometry. During the year, the student will learn the properties of parallel lines, circles, and triangle, parallelograms, and other polygons. Throughout the course the student will use skills learned in algebra. <b>Geometry: Concepts and Applications, Glencoe</b>
	Fundamentals of Literature	\$695	Ninth-grade English spends less time on grammar and more time on reading, independent analysis, and composition skills. Students read works of fiction, poetry, and drama, engage in fundamental literary analysis, and are introduced to the basic parts of the formal SAT essay. <b>Fundamentals of Literature 2nd Edition</b>
	World History	\$695	This course begins with a brief overview of history from creation until the 1500's, then continues by taking an in-depth look at the 1500's to the present. The student will be studying events, people and worldviews from a Christian perspective. The course will include reading a chapter per week with round table discussion, handouts and hands-on opportunities to embrace the culture of the time. <b>World History, BJU 2nd edition</b>
	Spanish I	\$695	The first year of study presents the beginning student with the basic structure of the Spanish language. Grammar is presented through communication exercises that require active student participation to bring learners to a realistic level of proficiency. Development of listening and speaking skills are emphasized while reading and writing skills are gradually introduced. Spanish culture is introduced through student presentations and projects. <b>Spanish I for Christian Schools, BJU</b>
	Latin I or II	\$695	Latin I focuses on the basics of Latin that is integral in obtaining a better understanding of other languages and subjects. It begins with a vocabulary of 500 words that allows students to master grammar without being overwhelmed. Latin II continues the grammar with a focus on verbs. Henle Latin, Loyola Press
	American Sign Language I or II	\$695	This course teaches students the basics of the most common sign language used by deaf communities in the United States. It fulfills one of the language requirements by the state for high school graduation.
	Electronics Technology	\$695	This course covers the basics of electronics including DC and AC circuits, theory and application of electronic components and test equipment. Students will build complex circuits.
	Audio Technology	\$695	This course covers technology that includes recording sound, storing information, amplifiers, etc. Students will build and test audio filter networks, speakers, and audio amplifiers. They will measure distortion, audio waveforms, and resonance.
	Engineering I or II	\$695	Engineering I is an introduction to civil, electrical, mechanical, environmental, engineering, with hands-on components. Engineering II is computer science focusing on software development.
	Health / Geography	\$695	Health focuses on spiritual, mental, emotional, and physical health with life applications. Geography will include world land formations, countries, etc.
Electives	Speech & Drama	\$590	This course will alternate speech assignments with drama work. Students practice speech-making skills such as eye contact, voice projection, and appropriate movement. The course is designed with both the beginner in mind as well as the students with previous drama exposure. Students will be asked to write and practice speeches at home and memorize lines..
	Photography Club	\$125	This club teaches the basics of the camera and photography.
	Yearbook Club	\$125	This club teaches students how to take amazing pictures and create a great book of memories for Living Science. It also teaches them the use of Fotofusion software.

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Tenth Grade	Biology	\$1,450	Biology is a thorough course in the life sciences. Study will include all the major facets of living organisms including cell structure and function; a survey of the major kingdoms of organisms; selected topics in human anatomy; physiology, genetics; and an introduction to major ecological and creation features. All classes are taught from the creation viewpoint Text is <b>Biology, 3rd Ed. (BJU Press)</b> .
	Geometry	\$750	This course focuses on important geometric facts, proofs using deductive reasoning, the integration of algebra and geometry; and applications of geometry. During the year, the student will learn the properties of parallel lines, circles, and triangle, parallelograms, and other polygons. Throughout the course the student will use skills learned in algebra. <b>Geometry: Concepts &amp; Applications (Glencoe)</b>
	Algebra 2	\$860	This class is a continuation of Algebra I. Students will learn to relate and apply algebraic concepts to geometry, statistics, data analysis, and probability. They will connect math to other topics they are studying, like biology, geography, art, and history, through problems rich in algebraic content. <b>Algebra 2, Prentice Hall</b>
	World Literature	\$695	Tenth-grade English, a course in world literature, encourages the student to do in-depth analysis of the three major genres of fiction, poetry, and drama. Students gain further experience of the composition formats learned in the ninth grade, and they are introduced to the basic terminology of literary study. Independent, well-organized thought in oral and written work is of great importance. Literary analysis skills are further developed. Introduction to the SAT will begin at this level. <b>Elements of Literature, BJU</b>
	World History	\$695	This course begins with a brief overview of history from creation until the 1500's, then continues by taking an in-depth look at the 1500's to the present. The student will be studying events, people and worldviews from a Christian perspective. The course will include reading a chapter per week with round table discussion, handouts and hands on opportunities to embrace the culture of the time. <b>World History, BJU 2nd edition</b>
	Spanish I	\$695	The first year of study presents the beginning student with the basic structure of the Spanish language. Grammar is presented through communication exercises that require active student participation to bring learners to a realistic level of proficiency. Development of listening and speaking skills are emphasized while reading and writing skills are gradually introduced. Spanish culture is introduced through student presentations and projects. <b>Spanish I for Christian Schools, BJU</b>
	Spanish II	\$695	Prerequisite: Spanish 1 - The second year emphasizes speaking and listening skills through a variety of instructional techniques and materials, "hands on" activities, listening comprehension, and reading comprehension exercises, thus enabling the student to speak, read, and write with greater fluency. Students write short compositions in order to develop their writing skills. <b>Spanish II for Christian Schools, BJU</b>
	Latin I or II	\$695	Latin I focuses on the basics of Latin that is integral in obtaining a better understanding of other languages and subjects. It begins with a vocabulary of 500 words that allows students to master grammar without being overwhelmed. Latin II continues the grammar with a focus on verbs. <b>Henle Latin, Loyola Press</b>
	American Sign Language I or II	\$695	This course teaches students the basics of the most common sign language used by deaf communities in the United States. It fulfills one of the language requirements by the state for high school graduation.
	Electronics Technology	\$695	This course covers the basics of electronics including DC and AC circuits, theory and application of electronic components and test equipment. Students will build complex circuits.
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	Engineering I or II	\$695	Engineering I is an introduction to civil, electrical, mechanical, environmental, engineering, with hands-on components. Engineering II is computer science focusing on software development.
Electives	Health / Geography	\$695	Health focuses on spiritual, mental, emotional, and physical health with life applications. Geography will include world land formations, countries, etc.
	Speech & Drama	\$590	This course will alternate speech assignments with drama work. Students practice speech-making skills such as eye contact, voice projection, and appropriate movement. The course is designed with both the beginner in mind as well as the students with previous drama exposure. Students will be asked to write and practice speeches at home and memorize lines.
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	Yearbook Club	\$125	This club teaches students how to take amazing pictures and create a great book of memories for Living Science. It also teaches them the use of Fotofusion software.

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Eleventh Grade	Anatomy	\$1,450	Taught by a veterinary doctor, this course focuses on the anatomy and physiology of "The Cat." Two or three member teams each have a cat that they work on during the course of the year. This course is heavy on information and lab work. An excellent pre-college course. <b>Mammalian Anatomy: "The Cat"</b>
	Chemistry	\$1,450	Chemistry is a college preparation course with focus on the concepts and practices of modern chemistry. The course includes general problem-solving techniques; physical concepts (phases of matter, etc.); chemical formulae and equations; atomic structure with an introduction to quantum mechanics; solutions (acids, bases, salts). Included will be exposure to chemistry via computer and micro-scale labs in addition to macro-scale labs. <b>Chemistry: Matter &amp; Change, Glencoe</b>
	Algebra 2	\$860	This class is a continuation of Algebra I. Students will learn to relate and apply algebraic concepts to geometry, statistics, data analysis, and probability. They will connect math to other topics they are studying, like biology, geography, art, and history, through problems rich in algebraic content. <b>Algebra 2, Prentice Hall</b>
	Trigonometry	\$860	This course of study is for students who have completed Algebra II. We will work on many concepts that are included on the SAT and ACT exams, as well as college placement exams. Students plot points, look for patterns and trends in graphs, and write linear, quadratic, polynomial, exponential, logarithmic, and trigonometric equations to reflect the data. <b>Advanced Mathematical Concepts, Glencoe</b>
	American Literature	\$695	Assignments including reading primary and secondary material, writing essays of personal reflection, analyze literary and historical works, and preparing an interdisciplinary research project, as well as building skills in composition and oral expression. <b>American Literature, BJU</b>
	American History (Not offered in 2014-2015) Alternates years with Govt./Economics	\$695	Students prepare to become responsible citizenship with a discussion of the principles and mechanics of a constitutional republic. Material discussed includes the Constitution, in depth insights into the three branches of government, political parties, elections, foreign policy, and more, all from a biblical perspective. <b>American Government for Christian Schools, BJU</b>
	Govt/Economics (Scheduled for 2014-2015) Alternates years with American History	\$695	In this class students prepare to become responsible citizens. We will work on "What is truth?" using "The Truth Project" to help them understand how to find their foundation for thinking about the government God gave the USA. We will learn, discuss, and work towards understanding the principles and mechanics of the constitution. American Government for Christian Schools, BJU
	Spanish II	\$695	Prerequisite: Spanish 1 - The second year emphasizes speaking and listening skills through a variety of instructional techniques and materials, "hands on" activities, listening comprehension, and reading comprehension exercises, thus enabling the student to speak, read, and write with greater fluency. Students write short compositions in order to develop their writing skills. Spanish II for Christian Schools, BJU
	American Sign Language I or II	\$695	This course teaches students the basics of the most common sign language used by deaf communities in the United States. It fulfills one of the language requirements by the state for high school graduation.
	Engineering I or II	\$695	Engineering I is an introduction to civil, electrical, mechanical, environmental, engineering, with hands-on components. Engineering II is computer science focusing on software development.
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	Speech & Drama	\$590	This course will alternate speech assignments with drama work. Students practice speech-making skills such as eye contact, voice projection, and appropriate movement. The course is designed with both the beginner in mind as well as the students with previous drama exposure. Students will be asked to write and practice speeches at home and memorize lines.
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Twelfth Grade	<b>Anatomy</b>	\$1,450	Taught by a veterinary doctor, this course focuses on the anatomy and physiology of "The Cat." Two or three member teams each have a cat that they work on during the course of the year. This course is heavy on information and lab work. An excellent pre-college course. <b>Mammalian Anatomy: "The Cat"</b>
	<b>Physics</b>	\$1,450	An introduction to the ideas of physics – from classical physics to modern physics. The principles of physics are illustrated by everyday experience and practical devices. The student is shown how many kinds of technology work – from the camera to the car. It shows students the harmony between scientific knowledge and Christian belief. <b>Physics for Christian Schools, BJU; Student Text &amp; Lab Manual</b>
	<b>Marine Biology</b> (Not offered in 2014-2015)	\$1,450	Prerequisite: LS Biology & Chemistry - This course will be a senior seminar discussion / teaching class. <b>Marine Biology - Function, Biodiversity, Ecology, Oxford University Press</b>
	<b>Trigonometry</b>	\$860	Prerequisite: Algebra II. Previous experience with Trigonometry is helpful, but not a required. We will work on many concepts that are included on the SAT and ACT exams, as well as college placement exams. They plot points, look for patterns and trends in graphs, and write linear, quadratic, polynomial, exponential, logarithmic, and trigonometric equations to reflect the data.
	<b>Calculus</b> (Scheduled on an as needed basis)	\$860	This course in single-variable calculus includes techniques and applications of the derivative, techniques and applications of the definite integral, and the Fundamental Theorem of Calculus. It is equivalent to at least one semester of calculus at most colleges and universities. Algebraic, numerical, and graphical representations are emphasized throughout the course using both traditional methods and a graphing calculator.
	<b>British Literature</b>	\$695	This course is a demanding, college-level course in advanced composition and literary analysis, with works drawn from British literature. Students will read one play by Shakespeare and other pre-20th-Century works of the British canon selected by the teacher. <b>British Literature, BJU</b>
	<b>American History</b> (Not offered in 2014-2015) Alternates years with Govt./Economics	\$695	Students prepare to become responsible citizenship with a discussion of the principles and mechanics of a constitutional republic. Material discussed includes the Constitution, in depth insights into the three branches of government, political parties, elections, foreign policy, and more, all from a biblical perspective. <b>United States History, BJU</b>
	<b>Govt/Economics</b> (Scheduled for 2014-2015) Alternates years with American History	\$695	In this class students prepare to become responsible citizens. We will work on "What is truth?" using "The Truth Project" to help them understand how to find their foundation for thinking about the government God gave the USA. We will learn, discuss, and work towards understanding the principles and mechanics of the constitution. <b>American Government for Christian Schools, BJU</b>
	<b>Spanish II</b>	\$695	Prerequisite: Spanish 1 - The second year emphasizes speaking and listening skills through a variety of instructional techniques and materials, "hands on" activities, listening comprehension, and reading comprehension exercises, thus enabling the student to speak, read, and write with greater fluency. Students write short compositions in order to develop their writing skills. Spanish II for Christian Schools, BJU
	<b>Spanish III</b>	\$695	Prerequisite: Spanish 2 - This advanced course is excellent preparation for students planning on continuing study in college.
	<b>American Sign Language I or II</b>	\$695	This course teaches students the basics of the most common sign language used by deaf communities in the United States. It fulfills one of the language requirements by the state for high school graduation.
	<b>Engineering I or II</b>	\$695	Engineering I is an introduction to civil, electrical, mechanical, environmental, engineering, with hands-on components. Engineering II is computer science focusing on software development.
	<b>Electronics Technology</b>	\$695	This course covers the basics of electronics including DC and AC circuits, theory and application of electronic components and test equipment. Students will build complex circuits.
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