



Kindergarten

Kindergarten is a fun and special time that homeschool families get to share closely with their student. Brighton Academy wants to offer our kindergarten students and parents the opportunity for social and emotional development while learning and having fun with our hands-on and group classroom activities. Skill level for this class is the ability to follow directions along with knowing how to use glue and scissors.



First Grade

Language Arts: This class will include instruction about phonics, spelling, writing and literature study. Students will gain fluency in their reading skills through phonics practice, copy work and learning new vocabulary. There will be direct instruction about spelling rules and multi-sensory experiences to practice spelling new words every week. Students will also become better writers as they learn to write about multiple topics in an ordered way.

Topics for writing include animals, a guided story, an opinion essay, and sentence copy work. They will practice narrative, information, and opinion-based writing. They will have assigned reading at home and discuss several books as a class, including fun, hands on activities to increase comprehension about the books they read. Students will memorize poetry and practice reciting throughout the year. There will NOT be formal handwriting instruction, but handwriting will be practiced across the subjects.

Math: The ACSI Purposeful Design Mathematics Program places an emphasis on skill development, mastery, cumulative review, and formative assessment. Lessons integrate conceptual understanding, problem solving skills, modeling, reasoning, and strands of algebra and geometry with a strong emphasis on skill development and concept mastery. Math 1 features units on addition and subtraction fact families to 10, adding and subtracting three-digit numbers and money, time to the quarter hour, shapes and rotations, place value, fractions, number theory, graphs and maps, measurement in customary and metric, and problem solving. The class will also include work with manipulatives, math games, and fun projects to emphasize concepts being learned.

History: *My Story 2: My Country, My World* In this class we will journey around the world and introduce students to history, politics, economics, sociology, and geography, while providing a comprehensive understanding of God's world and the cultures of each country. We will talk about what people eat, where our food comes from, how governments are set up, the symbols on flags from different countries and what they mean, how God teaches us to love the people of the world like He does, and much more!

Science: *God's Design for Heaven & Earth for Beginners.* This year students will learn about God's creation with meteorology, astronomy, and geology. Easy, hands-on activities make learning fun, and the focus on biblical creation helps establish children in a solid life-long faith!

STEM: STEM education is a growing force in today's classroom. We know that S.T.E.M. (Science, Technology, Engineering, and Math) curriculum prepares students for specific technical skills necessary for 21st century success. It's perfect for learning life skills like teamwork, independent and structured problem-solving. The units include specific study of each season, STEM projects based on classic Fairy Tales, rocks, chemistry, Christmas, Legos, Space, plants and much more!

Art: Students will explore how various world cultures and artists use art as visual storytelling today and throughout art history. Utilizing different materials and media, students will produce art projects that replicate the artistic style of various cultures and artists; this is a diverse exploration of art. Basic art skills are a focus of this class from cutting, pasting, drawing, coloring, painting, and some 3D elements. This year's focus is a global passport. No worries! We'll take care of the clean up!



Second Grade

Language Arts: This class will include instruction about phonics, spelling, writing and literature study. Students will gain fluency in their reading skills through phonics practice, copy work and learning new vocabulary. There will be direct instruction about spelling rules and multi-sensory experiences to practice spelling new words every week. Students will also become better writers as they learn to write about multiple topics in an ordered way.

Topics for writing include animals, a guided story, an opinion essay, and sentence copy work. They will practice narrative, information, and opinion-based writing. They will have assigned reading at home and discuss several books as a class, including fun, hands on activities to increase comprehension about the books they read. Students will memorize poetry and practice reciting throughout the year. There will NOT be formal handwriting instruction, but handwriting will be practiced across the subjects.

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History: *My Country, My World* In this class we will journey around the world and introduce students to history, politics, economics, sociology, and geography, while providing a comprehensive understanding of God's world and the cultures of each country. We will talk about what people eat, where our food comes from, how governments are set up, the symbols on flags from different countries and what they mean, how God teaches us to love the people of the world like He does, and much more!

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Third Grade

Language Arts: This class will include instruction about grammar, writing, and literature. In Grammar, students will learn the different parts of speech, sentences and punctuation, as well as vocabulary. They will do this through editing, copying, and games. Then they will then be able to put these grammar skills into practice, through writing, where they will practice narrative, information, and opinion writing. Students will also memorize poems and practice reciting throughout the year. Additionally, students will be assigned to read several novels at home and then participate in discussion and activities centered around the novel. Handwriting and Spelling will NOT be formally taught, but students will be practicing both across all the areas of study.

Math: The ACSI Purposeful Design Mathematics Program places an emphasis on skill development, mastery, cumulative review, and formative assessment. Lessons integrate conceptual understanding, problem solving skills, modeling, reasoning, and strands of algebra and geometry with a strong emphasis on skill development and concept mastery. Math 3 features units on place value, addition, subtraction, multiplication facts and application, division facts and application, geometry, measurement, fractions, decimals, time and money, and equations. The class will also include work with manipulatives, math games, and fun projects to emphasize concepts being learned.

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Fourth Grade

Language Arts: This class will include instruction about grammar, writing, and literature. In Grammar, students will learn the different parts of speech, sentences and punctuation, as well as vocabulary. They will do this through editing, copying, and games. Then they will then be able to put these grammar skills into practice, through writing, where they will practice narrative, information, and opinion writing. Students will also memorize poems and practice reciting throughout the year. Additionally, students will be assigned to read several novels at home and then participate in discussion and activities centered around the novel. Handwriting and Spelling will NOT be formally taught, but students will be practicing both across all the areas of study.

Math: The ACSI Purposeful Design Mathematics Program places an emphasis on skill development, mastery, cumulative review, and formative assessment. Lessons integrate conceptual understanding, problem solving skills, modeling, reasoning, and strands of algebra and geometry with a strong emphasis on skill development and concept mastery. Math 4 features units on place value, addition and subtraction, geometry, multiplication, and division (facts, application, multi-digit), decimals, measurement, temperature and time. The class will also include work with manipulatives, math games, and fun projects to emphasize concepts being learned.

History: *Old World History & Geography in Christian Perspective.* Students will learn what life would have been like in the Eastern Hemisphere. We will discover the alphabet with the Phoenicians, sail to India with Vasco da Gama, check out Africa's largest waterfall – Victoria Falls, and even strike up a game of cricket in England. We will travel from the beginning of recorded history all the way to present day and meet many famous explorers, leaders, and missionaries along the way. The Maps & Activities workbook aids in enhancing each student's geography knowledge and covers map skills and terminology.

Science: *God's Design: Chemistry and Ecology* is a middle-upper elementary course that provides a foundation for studies in physical science. Students will discover how God designed the living and non-living parts of his creation to reflect his glory and character. This course is divided into three units: properties of matter, properties of ecosystems, and properties of atoms and molecules. Each unit includes special features on important scientists and historical figures related to each topic and include labs that focus on experiential learning and application of the scientific method.

STEM: Exposure to science, technology, engineering, and math is important in learning as it allows students to succeed in higher education as well as a variety of careers. This course will actively engage students through design-based projects while deepening their understanding of fundamental concepts and improve student learning through hands-on, project-based experiences that connect them to everyday STEM applications.

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Fifth Grade

Language Arts: This class will include instruction about grammar, writing, and literature. In Grammar, students will learn the different parts of speech, sentences and punctuation, as well as vocabulary. They will do this through editing, copying, and games. Then they will then be able to put these grammar skills into practice, through writing, where they will practice narrative, information, and opinion writing. Students will also memorize poems and practice reciting throughout the year. Additionally, students will be assigned to read several novels at home and then participate in discussion and activities centered around the novel. Handwriting and Spelling will NOT be formally taught, but students will be practicing both across all the areas of study.

Math: ACSI's Purposeful Design *Mathematics Grade 5* lessons integrate conceptual understanding, problem solving skills, modeling, reasoning, and strands of algebra and geometry with a strong emphasis on skill development and concept mastery. The course includes units on place value, adding/subtracting/multiplying/dividing decimals, multiplication up to 3-digit factors, divisors, integers, adding/subtracting/multiplying/dividing fractions, measurement, graphs, and statistics, and more.

History: *Old World History & Geography in Christian Perspective*. Students will learn what life would have been like in the Eastern Hemisphere. We will discover the alphabet with the Phoenicians, sail to India with Vasco da Gama, check out Africa's largest waterfall – Victoria Falls, and even strike up a game of cricket in England. We will travel from the beginning of recorded history all the way to present day and meet many famous explorers, leaders, and missionaries along the way. The Maps & Activities workbook aids in enhancing each student's geography knowledge and covers map skills and terminology.

Science: *God's Design: Chemistry and Ecology* is a middle-upper elementary course that provides a foundation for studies in physical science. Students will discover how God designed the living and non-living parts of his creation to reflect his glory and character. The course is divided into three units: properties of matter, properties of ecosystems, and properties of atoms and molecules. Each unit includes special features on important scientists and historical figures related to each topic. This course will include labs that focus on experiential learning and application of the scientific method.

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Sixth Grade

Language Arts: This class will include instruction about grammar, writing, and literature. In Grammar, students will learn the different parts of speech, sentences and punctuation, as well as vocabulary. They will do this through editing, copying, and games. Then they will then be able to put these grammar skills into practice, through writing, where they will practice narrative, information, and opinion writing. Students will also memorize poems and practice reciting throughout the year. Additionally, students will be assigned to read several novels at home and then participate in discussion and activities centered around the novel. Handwriting and Spelling will NOT be formally taught, but students will be practicing both across all the areas of study.

Math: ACSI's Purposeful Design *Mathematics Grade 6* lessons integrate conceptual understanding, problem solving skills, modeling, reasoning, and strands of algebra and geometry with a strong emphasis on skill development and concept mastery. The course includes units on multiplying/dividing whole numbers and decimals, geometry, fractions and number theory, adding/subtracting/ multiplying/dividing decimals, integers, area and volume, ratios, measurement, and more.

History: *Old World History & Geography in Christian Perspective*. Students will learn what life would have been like in the Eastern Hemisphere. We will discover the alphabet with the Phoenicians, sail to India with Vasco da Gama, check out Africa's largest waterfall – Victoria Falls, and even strike up a game of cricket in England. We will travel from the beginning of recorded history all the way to present day and meet many famous explorers, leaders, and missionaries along the way. The Maps & Activities workbook aids in enhancing each student's geography knowledge and covers map skills and terminology.

Science: *God's Design: Chemistry and Ecology* is a middle-upper elementary course that provides a foundation for studies in physical science. Students will discover how God designed the living and non-living parts of his creation to reflect his glory and character. This course is divided into three units: properties of matter, properties of ecosystems, and properties of atoms and molecules. Each unit includes special features on important scientists and historical figures related to each topic. This course will include labs that focus on experiential learning and application of the scientific method.

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Seventh Grade

Language Arts: MS Literature/Composition will focus on how to better read, comprehend, analyze, and write about literature. Students will also learn writing skills to write four different kinds of 5 paragraph essays over the course of the year. We will also learn vocabulary words from the SAT vocabulary list. The skills learned in this class can make all the difference in a student's ability to comprehend literature and communicate ideas more effectively! Eight novels will be read throughout the course of the year. TBA. You may purchase them or check them out from the library if you can find a way to keep them for several weeks.

Math: MS Math Course 2 reviews fundamental math skills and covers everything the student needs to know to be prepared for Pre-Algebra. Reviews functions and coordinate graphing, integers, exponential expressions, and prime factorization. Students will specifically learn about the order of operations, number lines, decimal place value, how to find the percent of a number, how to round decimal numbers, attributes of geometric solids, and more.

History: *The American Republic, 4th Edition*. We will work our way through American history emphasizing traditional American values. Students will get an overview of the founding, development, and growth of the United States as a nation. The text leads us on a tour of our nation's history starting with the first interactions between Native Americans and European explorers, ending with present day America.

Science: Life Science is a middle school course that provides a foundation for high school studies in biology. The course introduces students to God's organic creations, focusing on the classification of living things, the animal kingdoms, basic cell structure, and activities of living cells and organisms. Students examine the theories of creation and biological evolutions in relationship to the Word of God. They develop a Biblical understanding of man's stewardship of the earth by studying ecosystems, interrelationships among organisms, and natural resources. Students also study the human body and its basic structure and function. The course includes hands-on activities. We will learn how to use the scientific method through many class experiments.

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Art: Paul Klee said, "A line is a dot out for a walk." Line is a basic element of drawing. In this drawing course, students will learn techniques and exercises to develop their drawing skills using various drawing media such as graphite and charcoal. Students will learn realism techniques creating value, form, perspective, proportions, and improving composition. Painting will expand drawing techniques with the application and exploration of acrylic, watercolor, and pastels. Students will learn the essentials of color mixing, manipulating, and experimenting with different mediums, plus the introduction of the techniques, surfaces, and tools required to apply them. Students will become familiar with some of the influential Master Artists, Art Movements, and the elements and principles of design. No worries! We'll take care of the clean up!



Eighth Grade

Language Arts: MS Literature/Composition will focus on how to better read, comprehend, analyze, and write about literature. Students will also learn writing skills to write four different kinds of 5-paragraph essays over the course of the year. We will also learn vocabulary words from the SAT vocabulary list. The skills learned in this class can make all the difference in a student's ability to comprehend literature and communicate ideas more effectively! Eight novels will be read throughout the course of the year. TBA. You may purchase them or check them out from the library if you can find a way to keep them for several weeks.

Math: Pre-Algebra covers everything the student needs to know to be prepared for Algebra I. The topics include Variables, Expressions, and Integers, Solving Equations, Multi-Step Equations and Inequalities, Factors, Fractions, and Exponents, Rational Numbers and Equations, Ratio, Proportion, and Probability, Percent's, Linear Functions, Real Numbers and Right Triangles Measurement, Area, and Volume, Data Analysis and Probability, Polynomials and Nonlinear Functions, and Angle Relationships and Transformations.

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