



Affirming Christ; Achieving Excellence
Course Catalog

Monday/Wednesday

2023-2024

Table of Contents

ARTS (VISUAL)	2
CHOIR/PRIVATE PIANO/VOICE	5
CHRISTIAN WORLDVIEWS	10
CLASSICAL WRITING (PROGYM)	11
COMMUNICATION ARTS	18
DRAMA (Musical Theater)	34
LIFE SKILLS/HEALTH	37
FOREIGN LANGUAGE (SPANISH)	38
KINDERGARTEN	41
LOGIC AND CRITICAL THINKING	44
MATHEMATICS/FINANCE/STATISTICS	45
PHYSICAL EDUCATION	59
PSYCHOLOGY	60
SCIENCES	61
SCIENCE, TECHNOLOGY, ENGINEERING AND MATH	72
SOCIAL STUDIES/GOVERNMENT/HISTORY/GEOGRAPHY	76
STUDY HALL	82
TUTORING/PRIVATE LESSONS	83

Visual Arts

Art Passport-Elementary (Two sections 5th and 6th hours)

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.

Minimum class size: 8 Maximum class size: 18

Prerequisite: none

Materials Fee: \$80.00 per year (Payable to the Instructor)

Elements of Art-Elementary

There are 7 basic elements of art: line, shape, form, space, texture, value, and color. When these elements are combined with the principles of design, students will gain a better understanding of how art is created. Elementary will explore these elements through a variety of creative exercises and projects. Students will also be introduced to various artists, discovering their contributions and styles to the vast art world. Students learn that art is not just drawing and sketching but many two-dimensional and three-dimensional styles of art.

Minimum class size: 8 Maximum class size: 18

Prerequisite: none

Materials Fee: \$80.00 per year (Check payable to Instructor)

Drawing and Painting (MS/HS) (Two sections 2nd and 4th hours)

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.

Minimum class size: 8 Maximum class size: 18

Materials Fee: \$80.00 per year (Payable to the Instructor)

Elements of Art MS/HS

There are 7 basic elements of art: line, shape, form, space, texture, value, and color. When these elements are combined with the principles of design, students will gain a better understanding of how art is created. Middle school and high school students will explore these elements through a variety of creative exercises and projects from drawing, painting, collage, textiles and some sculpture. Students will also be introduced to various artists, discovering their contributions and styles to the vast art world. Students will learn that art is created with intention using the elements of art and principles of design through 2D and 3D projects.

Minimum class size: 8 Maximum class size: 15

Prerequisite: none

Materials Fee: \$80.00 per year (Payable to the Instructor)

Choir

Elementary Choir (1st-6th):

Students who have varying levels of experience in chorus develop beginning vocal technique and skills, notational literacy and fluency, expressive and stylistic interpretation, and part-singing. Critical and creative thinking skills, basic choreography, and an appreciation of music from around the world and throughout history is also included within rehearsals. At least two performances are available. **Performances are mandatory** (Christmas and Spring concerts).

Elementary students POTENTIALLY may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

Minimum class size: 8

Pre-requisite: none

Music, Concert Attire, Accompanist and Performance Venue Fee, sight reading, and rhythm book included: \$80.00 (Payable to the Instructor)

Sight reading replacement fee is \$8.00

*If child is in 6th grade, please contact director to ensure proper placement.

Concert attire will be given to each student. Families are responsible for any alterations needed. Must be dry cleaned and returned at the end of the year. Families are responsible to reimburse for lost attire or any damages.

Middle School Choir (5th-8th):

This course is available for MS students and there is no audition required. It provides a variety of singing opportunities, designed to allow students to continue developing their voice through healthy vocal technique. During rehearsals, students will learn to sing and read music through techniques such as ear training, solfeggio, and music notation. Students will sing through a variety of musical genres that may include learning basic Spanish, Italian, Latin, Hebrew, German, and/or French. Choreographed movement may also be included within the lessons. At least two performances are available. Students who have varying levels of experience in chorus develop beginning vocal technique and skills, notational literacy and fluency, expressive and stylistic interpretation, and part singing. Critical and creative thinking skills, basic choreography, and an appreciation of music from around the world and throughout history is also included within rehearsals

Performances are mandatory, (Christmas, Spring concerts and Midwest Academic Fine Arts Festival).

Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

Minimum class size: 8

Pre-requisite: none

Music, Concert Attire, Accompanist, Performance Venue Fee, sight reading, and rhythm book included: \$80.00 (Payable to the Instructor)

Sight reading replacement fee is \$8.00

***If child is in 5th grade, please contact director to ensure proper placement.**

Concert attire will be given to each student. Families are responsible for any alterations needed. Must be dry cleaned and returned at the end of the year. Families are responsible to reimburse for lost attire or any damages.

High School Choir (9th-12th):

Two days per week. This course is available for HS students and there is no audition required. It provides a variety of singing opportunities, designed to allow students to continue developing their voice through healthy vocal technique. During rehearsals, students will learn to sing and read music through techniques such as ear-training, solfeggio, and music notation. Students will sing through a variety of musical genres that may include learning basic Spanish, Italian, Latin, Hebrew, German, and/or French. Choreographed movement may also be included within the lessons. At least two performances are available.

Performances are mandatory, (Christmas, Spring concerts and Midwest Academic Fine Arts Festival),

We also participate in competitions. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

Minimum class size: 6

Pre-requisite: none

Music, Concert Attire, Accompanist, Performance Venue Fee, sight reading, and rhythm book included: \$80.00 (Payable to the Instructor)

Sight reading replacement fee is \$8.00

Concert attire will be given to each student. Families are responsible for any alterations needed. Must be dry cleaned and returned at the end of the year. Families are responsible to reimburse for lost attire or any damages.

*It is undecided if the Brighton Academy high school choir will attend an out of town competition in the spring 2024. In the event we do and your student would like to attend, there will be some financial obligation for each student.

Choir: special topics

*** This class is an extension with a more in-depth approach to regular choir. In order for students to participate in this class, they must still be enrolled in their regular middle or high school choir class. ***

This class provides an opportunity for experienced and enthusiastic choral students in grades 9 - 12, (7th and 8th grade by audition), to perform a vast array of musical genres. Students will dive deeper into cultural history, meaning and significance, as well as learn new vocal techniques outside the traditional classical vocal approach. Varying by semester, we will explore topics such as, but not limited to folk music of other cultures and languages, and Renaissance period pieces (i.e. Madrigals) in the Fall, and vocal jazz, pop, musical theatre, and *a capella* music in the Spring. When possible, students will experience special guest lecturers and artists to provide their expertise in the topic at hand. Accurate cultural and historic instruments, costumes, and/or props may be used in order to enrich students' overall experience. As a faster paced and more advanced group, students who choose to participate must still be involved with their normal Brighton middle or high school choir class.

Materials: Binder with 5 dividers, kazoo, pencil, highlighter

Minimum class size: 12

Supply fee: \$50

Private Lessons

Questions and to sign up for voice lessons

please contact Kourtney Black:

kourtney.black13@gmail.com

Call/text:631-792-3541

Questions and to sign up for piano, theory, worship and composition

please contact Jimmy Black:

jblack6389@gmail.com

Call/text:816-703-7099

Christian Worldviews

Our society is currently in a gigantic battle of IDEAS. Are students ready to meet the present culture of ideas with Biblical truth and defend their beliefs? When a new idea is presented to high schoolers, through what lens have they been trained to examine it? This class offers a teenage crash course in apologetics and world perspectives. The aim is for students to come out with the ability to defend their faith, find answers in the Word of God, and understand what worldviews are shaping the ever-shifting world around them.

Don't Check Your Brains at the Door gives teens answers that make sense, even for the toughest of questions. Internationally known defender of the faith Josh McDowell and co-author Bob Hostetler offer clarity laced with humor to expose common myths about God, the Bible, religion, and life to show how Christianity stands up to the test of fact and reason. Teens will be better equipped to stick with their faith as they begin to understand why they believe and why it's important to make a lifetime commitment to Christ and the church.

Understanding the Times offers a fascinating, comprehensive look at how the tenets of the Christian worldview compares with five major competing worldviews of our day: Islam, Secularism, Marxism, New Spirituality, and Postmodernism. *Understanding the Times* is a systematic way to understand the ideas that rule our world. We will compare each competing worldview to the Scriptures and discuss how to respond.

Materials Fee: \$15.00

Supplies Needed: Notebook, pens, pencils and highlighter

For Christian Worldviews, each student will need to purchase:

[Understanding the Times: A Survey of Competing Worldviews](#) (textbook - NOT student manual) ISBN 13: 9781434709585

It can be purchased at

<https://store.summit.org/Understanding-the-Times>

[Don't Check Your Brains at the Door](#) by Josh McDowell ISBN-13 : 978-1400317202

https://www.amazon.com/Dont-Check-Your-Brains-Door/dp/1400317207/ref=sr_1_1?keywords=don%27t+check+your+brains&qid=1677787629&sr=8-1

Classical Writing – Description of Method

What is special about Progymnasmata (Progym for short) ?? **Tried and true**— developed in the 4th century B.C. and used for centuries in Western Civilization— Shakespeare, Milton, Luther trained under this amazing program

- ?? Teaches **step by step**: all students can learn to write
- ?? Teaches **ideas**, rather than introducing style too early
- ?? Teaches students **to write descriptively and clearly**
- ?? **Prepares students** for higher level writing in high school and college
- ?? Helps students succeed when taking ACT and SAT essay exams
- ?? Students enjoy these exercises. No more tears for composition!

Jim Selby, author of Classical Composition materials, notes:

“Whitefield Academy, where I teach, has a **100% qualification rate** on the optional essay portion of the college entrance exams (ACT and SAT) versus the national average of 23%, or has gained college credits with successful completion of the English AP exams. Qualification (min score of 8 on a scale of 1-12) requires that a cohesive and coherent essay be written within a 30-minute period.”

Progym #1 Fable (4th and 5th grade):

Fable is the first stage in the Progymnasmata, an effective writing program that was used before the 4th century AD throughout the world producing effective writers. It is now being revived throughout the country in classical schools and home schools with stunning results. Your student, whether a gifted or struggling writer, will enjoy putting the wonderful Aesop's fables into his or her own words while learning fun ways to write creatively and descriptively. Through a series of logical steps your child will learn to rewrite a fable using sentence variations and the 18 Figures of Description to create pictures in the mind of his reader. The fable stage is the first of fourteen steps to becoming a master writer!

Minimum class size: 5 Maximum class size: 12

Materials Fee: 20.00 (Payable to the Instructor)

Textbook: *Classical Composition Book I, Student Book Fable Stage: Discovering the Skills of Writing*

ISBN: 1615381511

ISBN-13: 9781615381517

Progym #2 Narrative (5TH and 6th grade):

For those in 5th and 6th grade who have not had Progym (students should have adequate spelling, grammar and handwriting before taking this class) Fable is the first stage in the Progymnasmata, an effective writing program that was used before the 4th century AD throughout the world producing effective writers. It is now being revived throughout the country in classical school and home schools with stunning results. Your student, whether a gifted or struggling writer, will enjoy putting the wonderful Aesop's fables into his or her own words while learning fun ways to write creatively and descriptively.

Telling a story is fundamental to good communication, and this is the exercise that teaches students to do just that. In the Narrative stage, the second stage of the Progymnasmata, students continue to hone their storytelling skills, and practice using creativity, description, and variety in their compositions through rewriting in their own words, great stories from the past including folk tales, Biblical narrative, and myths. Students are taught 18 figures of description that aid students who do not naturally come up with ideas and provide a great springboard for those who are gifted in this area.

Students will paraphrase Fables from Aesop the first semester. Second semester they will paraphrase Narratives. In both semesters they will practice and master the use of eighteen figures of description and will learn to vary a story by changing the point of view, inverting the sequence of events, condensing the story, and expanding it creatively by using figures of description. Students will become adept at recognizing and utilizing the nine components of narrative invention: narrative structure (who, what, when, where how and why) and the three plot components of recognition, suffering, and reversal which, Aristotle taught, are present in any good story.

Throughout the school year, students will engage in various word and phrase variation exercises, learn from one another in peer editing sessions, present their essays to the whole class and learn through various activities and special assignments.

Minimum class size: 5 Maximum class size: 12

Materials Fee: \$20.00 (Payable to the Instructor)

Textbook: *Classical Composition Book II, Student Book, Narrative Stage: Discovering the Skills of Writing*

ISBN: 1615381783

ISBN-13: 9781615381784

Progym #3 Chreia/Maxim (6th grade and up):

Prerequisite: Fable and Narrative courses

After a review of the Fable and Narrative stages, students will begin the new stage of the Chreia/Maxim which teaches how to develop an idea that is focused on a wise saying or “chreia.” These ideas are developed through eight paragraphs, four of which are narratives, thus using the skills mastered in the Fable and Narrative stages. Students will focus on making compelling arguments, engaging the imaginations and emotions of the reader through Figures of Description and Figures of Speech, and writing a seamless eight paragraph essay, including introductory and concluding paragraphs.

Throughout the school year, students will engage in various word and phrase variation exercises, learn from one another in peer editing sessions, present their essays to the whole class and learn through various activities and special assignments.

Minimum class size: 5 Maximum class size: 12

Materials Fee: \$20.00 (Payable to the Instructor)

Textbook: *Classical Composition Book III, Student Book, Chreia/Maxim Stage (2nd Edition)* ISBN-13: 9781547700516

Introductions to the Progym (Stages #1-3, 6th-12th grade)

This course is for student's 6th through 12th grade who have not had instruction in the classical writing method called the Progymnasmata. The Progym is a set of exercises (fourteen stages in all) developed in ancient education to move students in a smooth and logical progression from the basics of telling a story all the way to a thesis exercise. The purpose of the exercises is to prepare students to become clear and effective communicators as they are being equipped to tackle higher level writing tasks in the upper grades of high school and in college.

In this course, students will begin the first semester at the initial stage of the Progym with Fable and then will progress to Narrative. In these two stages, students learn how to tell a story effectively while engaging the imaginations of their audience by using various Figures of Description. Students will focus on identifying the key components necessary to any good story (recognition, suffering and reversal), and they will begin to learn how to retell several fables in their own words by focusing on word and phrase variations and changing the point of view. Students will learn to compose useful outlines of fables and narratives and retell those stories by starting at the beginning, middle or the end. (Beginning a story in the middle or end sharpens the mind and, with practice, will enhance one's overall ability to communicate effectively.) By the end of the first semester the students will be ready to move into writing original essays using the Chreia/Maxim format.

During second semester the class will progress to the Chreia/Maxim stage which teaches how to develop an idea that is focused on a wise saying or "chreia." These ideas are developed through eight paragraphs, four of which are narratives, thus using the skills mastered in the Fable and Narrative stages. Students will focus on making compelling arguments, engaging the imaginations and emotions of the reader through Figures of Description and Figures of Speech, and writing a seamless eight paragraph essay, including introductory and concluding paragraphs.

Throughout the school year, students will engage in various word and phrase variation exercises, learn from one another in peer editing sessions, present their essays to the whole class and learn through various activities and special assignments.

In general, rough drafts of papers will be due on Mondays and final drafts on Wednesdays about every other week. Other homework will mostly be assigned in the workbook and will be graded on completion. Additionally, there is a test at the end of each semester.

Minimum class size: 8 Maximum class size: 15

Materials Fee: \$20.00

Textbooks (A total of three books):

Classical Composition Book I, Student Book Fable Stage: Discovering the Skills of Writing

ISBN: 1615381511

ISBN-13: 9781615381517

Classical Composition Book II, Student Book, Narrative Stage: Discovering the Skills of Writing

ISBN: 1615381783

ISBN-13: 9781615381784

Classical Composition Book III, Student Book, Chreia/Maxim Stage (2nd Edition)

ISBN-13: 9781547700516

Progym #4 Refutation/Confirmation/Common Topic:

Prerequisite: Chreia (Progym #3) OR Intro. To Progym

The course will begin by reviewing the Fable, Narrative, and Chreia stages and then will move to Refutation/Confirmation. These two sets of exercises, Refutation and Confirmation, correspond to an argumentative essay in modern composition theory. **The students are learning how to structure their thought and, thus, their communication process when given the task of arguing for or against an idea, thought, chain of events, method or story.** The categories of development or paragraphs that make up these essays are essential elements in the rhetorical process (identified as heads of purpose which are categories for argumentation) that must become second nature in the mental processes of our students. **Students' writing skills explode after completing these exercises! We also will work through the list "100 Words Every High School Student Should Know" compiled by the Thorndike Barnhart Dictionary.**

Key Benefits of the Refutation/Confirmation and Common Topic Stages

- **Explicit instruction of skills**
- **Multiple contexts for skill development**
- **Allows for deep cognitive processing around skills**

Capabilities Encouraged

- **Invention of argumentation**
- **Craft an introductory paragraph**
- **Flexibility in creating topic sentences**

During the first 4 weeks of school, students will review the Fable, Narrative, and Chreia/Maxim stages. In early fall they begin the Refutation/Confirmation exercises. In the early spring they will begin Common Topic another stage which emphasizes invention of arguments and ways to support arguments

Minimum class size: 6

Maximum class size: 12

Materials fee: \$20.00 (Check payable to Instructor)

Textbook: You will be able to purchase the book directly from Mrs. McGahan.
Classical Composition Book IV, Refutation/Confirmation Student Guide

Communication Arts

Spell to Write and Read/Cursive First

Introduction

This is offered for grades 1st-6th

To assure correct class placement, each student will need to be assessed.

Is Spelling a dreaded subject for your student? Is your child struggling with reading because of so many ways to pronounce letter combinations? Do you want your student to have the absolute best instruction in Spelling and **foundation for reading?**

Spell to Write and Read, (SWR) overcomes the challenges of learning to spell by instructing students through a time honored, phonics-based approach to spelling. Strong phonemic awareness is the absolute best indicator of future reading success. Children, who can spell well, read well.

SWR teaches your child to learn to spell the "write" way into reading.

SWR teaches students to spell the 45 sounds found in the English language by using 70 basic phonograms. Students are also taught 29 basic spelling rules. With these tools, students are faced with only a very few spelling exceptions. This takes the guesswork out of spelling!

SWR is an integrated and multi-sensory approach that teaches students to spell as **a foundation for learning to write and read.**

SWR is based on the research of the renowned neurologist, Samuel T. Orton and the subsequent work of Romalda Spalding.

SWR is suitable and successful for all learners. It helps the gifted and struggler alike, to master their mother tongue.

SWR is taught in conjunction with the **Cursive First curriculum**, a program that teaches children to step by step master the art of clear cursive penmanship.

Spell to Write and Read/Cursive First (Grades 1 and 2):

The students in grade 1 and 2 will cover spelling list A through list K. They will learn and become proficient in the 70 basic phonograms. They will also learn the 29 rules that explain why English words are spelled the way they are. In addition, they will build their own Learning Log. The Learning Log is a wonderful resource where they record every phonogram and each spelling list they cover. They will also build pages in their Learning Logs that explain and give examples of many of the rules. Some examples of these pages are: Adding Endings page, Plural Words page, Y Exchanging rule page, Silent Final E page, E dropping page and a page that explains the five spellings of the silent final E. The students will also be taught how to write in cursive.

Minimum class size: 6 Maximum class size: 12

Materials Fee: \$25.00 (Payable to the Instructor)

Textbook Fee: *This amount is variable due to changes with the publisher. Mrs. Rosa will confirm with you in the summer.

\$40.00 (Includes Phonogram Cards, Cursive First Textbook, and Primary Learning Log) (provided by the teacher)

Spell to Write and Read/Cursive First (Grades 3 and 4):

The students in grades 3 and 4 will cover middle level spelling lists within the SWR Wise Guide. They will learn or review the 70 basic phonograms and several of the advanced phonograms. In addition, students will also learn the 29 spelling rules. Students will build the advanced Learning Log by recording all covered spelling lists and they will also build pages that explain and give examples of the 29 spelling rules. Students will extend the pages accomplished in the primary Learning Log that are listed under grades 1 and 2. Some examples of new pages they will build are: the 1-1- 1 rule, the 2-1- 1 rule, Dismiss L, Contractions, Homophones, Parts of Speech, and Abbreviations. Cursive writing will also be taught in this class. **New students will learn and master cursive writing while returning students will have an excellent review as they build their cursive writing stamina.**

Minimum class size: 6 Maximum class size: 12

Materials Fee: \$25.00 (Payable to the Instructor)

Textbook Fee: *This amount is variable due to changes with the publisher. Mrs. LaBarge will confirm with you in the summer.

Advanced Learning Log, \$12; Phonogram Cards, \$17; Cursive First Textbook (if never completed), \$10; Advanced Cursive Materials (if already completed Cursive First), \$10. (Provided by the teacher) (expect communication over the summer to determine exact needs)

Spell to Write and Read/Cursive First (Grades 5 and 6):

Depending on the make-up of the class, the students in grades 5 and 6 will cover spelling lists that occur in the final third section of the SWR program. As students advance in proficiency through the final lists, their spelling ability has the potential to reach a 12th grade level. Students in the 5/6 class will begin the year reviewing the 70 basic phonograms along with the 22 advanced phonograms. They will also review the 29 rules. As in the 3/4 class level, these students will record their more advanced spelling lists in their Learning Logs. They will also build pages in their Learning Logs, providing them with a valuable resource that gives explanation and examples of all 29 rules. The students will also review and increase their cursive writing proficiency and stamina.

Minimum class size: 6 Maximum class size: 12

Materials Fee: \$25.00 (Payable to the Instructor)

Textbook Fee:

*This amount is variable due to changes with the publisher. Mrs. LaBarge will confirm with you in the summer.

Advanced Learning Log, \$12; Phonogram Cards, \$17; Cursive First Textbook (if never completed), \$10; Advanced Cursive Materials (if already completed Cursive First), \$10. (Provided by the teacher) (expect communication over the summer to determine exact needs)

Language Arts 1st grade:

This class will include instruction about spelling, handwriting and literature. There will be direct instruction about spelling rules and multi sensory experiences to practice spelling new words every week. For literature, specific books and themes will be chosen by the teacher to have the students read about. In class, vocabulary, writing, and reading comprehension will be taught around these book units. There will also be hands-on projects. Students will memorize poetry and practice reciting throughout the year. A multi-sensory handwriting curriculum will be used to help students continue to practice letter, word and sentence formation.

Minimum Class Size: 5 Maximum Class Size: 12

Supply Fee: \$30.00 (Payable to the instructor)

Required books:

Handwriting without Tears “My Printing Book”

ISBN 978195297077

All About Spelling Level 1-Please buy Student Packet for Level 1.

<https://www.allaboutlearningpress.com/all-about-spelling-level-1-student-packet/>

The teacher’s guide is not required for you to own, unless you would like to have it for reference.

Language Arts 2nd grade:

This class will include instruction about spelling, handwriting and literature. There will be direct instruction about spelling rules and multi sensory experiences to practice spelling new words every week. For literature, specific books and themes will be chosen by the teacher to have the students read about. In class, vocabulary, writing, and comprehension will be taught around these book units. There will also be hands on projects. Students will memorize poetry and practice reciting throughout the year. A multi-sensory handwriting curriculum will be used to help students continue to practice letter, word and sentence formation.

Minimum Class Size: 5 Maximum Class Size: 12

Supply Fee: \$30.00 (Payable to the instructor)

Required books:

Handwriting without tears “Printing Power”

ISBN 9781952970788

All About Spelling Level 2-Please buy Student Packet for Level 2.

<https://www.allaboutlearningpress.com/all-about-spelling-level-2-student-packet/>

The teacher’s guide is not required for you to own, unless you would like to have it for reference.

Language Arts 3rd grade:

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 have the opportunity to put these grammar skills into practice through creative and information writing assignments. Students will also memorize poems and practice reciting throughout the year. For reading, students will be assigned to read several novels at home and then participate in discussion and activities centered around the novel. Students will also be taught cursive handwriting through a multi-sensory curriculum.

Minimum Class size: 5 Maximum Class Size: 12

Supply Fee: \$30.00 (Payable to the instructor)

Textbooks:

Fix It Grammar “The Nose Tree” Student book by IEW

ISBN-13: 9781623413576

Handwriting Without Tears “Cursive Handwriting 2022 Student Edition” ,

ISBN-9781952970801

A list of the required novels for reading will be emailed during the summer.

Language Arts 4th grade:

This class is for students who have completed Language Arts 3-4 last year or are in 4th grade. Students will continue their study of grammar through Fix It Grammar's Level 2 book. Then they will have the opportunity to put these grammar skills into practice through creative and information writing assignments. Students will learn poetry and practice reciting throughout the year. For literature, students will be assigned to read several novels at home and then participate in discussion and activities centered around the novel.

Minimum Class size: 5

Maximum Class Size: 12

Supply Fee: \$30.00 (payable to the instructor)

Textbooks:

Fix It Grammar "Town Mouse and Country Mouse". Student Book Student Book Level 2. ISBN:9781623413590

Handwriting Without Tears "Cursive Handwriting 2022 Student Edition"
ISBN-9781952970801

The list of required novels will be emailed during the summer.

Language Arts (5th and 6th grades):

This class will include instructions about grammar, writing, and literature. In Grammar, students will learn the different parts of speech; sentences, punctuation, and vocabulary. They will do this through editing, copying, and games. They will be able to put these grammar skills into use through writing, where they will practice narrative, information, and opinion. There will be a poetry writing unit. The students will create a book of poetry. 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 discussions and activities centered around the novel. Handwriting and Spelling will NOT be formally taught, but students will practice both across all the areas of study.

Minimum Class size: 5

Maximum Class Size: 12

Materials Fee: \$30.00 (Payable to the Instructor)

Textbook: Fix It! Grammar: Robin Hood, Student Book Level 3 (New Edition)
Institute for Excellence in Writing ISBN-13: 9781623413613

Writing: A dedicated college ruled spiral notebook used for this class only.

Literature:

A Horse and His Boy by C.S. Lewis
Freak the Mighty by Rodman Philbrick
(Others to be determined by class interest)

*Audiobooks are acceptable means of acquiring the content of the book.

<https://dyslexiahelp.umich.edu/latest/audio-books-vs-reading>

Grammar and Reading (5th and 6th grade):

This comprehensive course incorporates grammar, composition, vocabulary, and literature. Highlights of this class include components of the 6th grade Shurley Grammar curriculum, a unique "Fix-It" sentence approach to refine editing skills and grow vocabulary skills, the creation of an interactive grammar notebook, various writing assignments, and the reading of four high-interest novels. The goal of this class is to emerge students in a vibrant and FUN approach to language arts instruction. The instructor will aim to provide multiple opportunities for visual, auditory, and kinetic learning as students master parts of speech and sentence components, with the goal of better understanding written language and becoming better readers and writers themselves. This class will include the reading and discussion of four novels, and we will use our readings to further develop our understanding of vocabulary, grammar, sentence structure, and our personal development as writers. The instructor will choose novels based on students' abilities, interest, and make-up of the class. Growth as independent readers and writers while developing a love for literature will be a focus of this class. Novels: Restart by Gordan Korman will be the first novel we will read and parents will be asked to supply a copy of this book. The remaining novels will be chosen based on the students' abilities and interests. The instructor will supply the remaining novels, purchasing them with the class's materials fees.

Minimum class size: 8 Maximum class size: 14

Materials Fee: \$40.00 (to cover classroom materials, copies, and novels) (Payable to the Instructor)

Textbooks: Shurley English Practice Booklet Level 6, ISBN: 1585610577, **Restart by Gordan Korman**

Novels: Restart by Gordan Korman will be the first novel we will read. The remaining novels will be chosen on the students' abilities and interests. The instructor will supply the remaining novels.

MS Literature/Composition (7th-9th grade) 1st hour: Mrs. Oesch

This class 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! **Books needed for the class are as follows. You may purchase them or check them out from the library if you can find a way to keep them for several weeks.**

Minimum class size: 8 Maximum class size: 16

Materials Fee: \$20.00 for classroom materials. (Payable to the Instructor)

The Watsons go to Birmingham 1963 – Christopher Paul Curtis

Sophia's War – Avi

In the Year of the Boar and Jackie Robinson – Bette Bao Lord

The Phantom Tollbooth – Norton Juster

Fever 1793 – Laurie Halse Anderson

The Hunger Games – Suzanne Collins

Wolf Hollow – Lauren Wolk

Tuck Everlasting – Natalie Babbitt

Textbook: There is no textbook for the class, but students must have access to all novels listed above.

MS Literature/Composition (7th-9th grade) 2nd hour:

Mrs. Van Meteren

This class 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!

Minimum class size: 8 Maximum class size: 16

Materials Fee: \$25.00 for classroom materials. (Payable to the Instructor)

Textbook: LLATL: The Gray Book 8th grade level

https://www.common sensepress.com/store/p11/The_Gray_Book_-_8th_Grade_Skills.html

Shurley Grammar Usage and Mechanics (7th-12th grade)

Shurley English Level 7 is designed to give your student a solid foundation in grammar. Learning begins with the eight parts of speech, subjects, predicates, complements, and tense agreement. Once mastered, the course focuses on the more advanced topics of correlated conjunctions, advanced punctuation, participles, infinitives, gerunds, appositives, verbals, dependent/independent clauses, and misplaced/dangling modifiers. Students also refresh and build on general writing skills. These skills include writing a thesis statement for a one, three, or five paragraph essays. Additionally, this course generally covers persuasive, narrative, poetic, and research writing.

Minimum class size: 8 Maximum class size: 16

Materials Fee: \$20.00 (Payable to the Instructor)

Textbooks: Shurley 7 student book: ISBN:9781881940203

Shurley 7 practice book: ISBN: 9781585610976

Shurley 7 Literature Selections: ISBN: 9781881940364

HS Literature and Composition I: (9th-10th grade)

This class for early high schoolers will introduce them to great works of literature and expand their vocabulary. We will use a variety of literary formats including poems, short stories, and novels. Students will use the reading and class discussions to complete writing assignments, including analysis and composition. Vocabulary building workbook lessons will be weekly requirements.

Each student must purchase:

The Vocabulary Builder Workbook: ISBN-10: 193975481X or ISBN-13: 978-1939754813

Students must have access to these books to participate in class. Most can be borrowed from a library *if you plan in advance.* Penguin Classics are wonderful editions to buy because they usually have interesting introductions/forewords at the beginning of the book. Please purchase them FAR in advance (Amazon is a great place to find them used). Do not use audiobooks, the books must be physically read.

A Separate Peace, John Knowles

Animal Farm, George Orwell

The Outsiders, S.E. Hinton

Pygmalion, George Bernard Shaw

To Kill a Mockingbird, Harper Lee

The Hiding Place, Corrie Ten Boom

One Day in the Life of Ivan Denisovich, Solzhenitsyn

****Students must have access to a written copy of each novel well before class**

We will also be covering a variety of poetry from Shakespeare, King David, English poets, American poets, and I will provide a "poetry packet" of poems that I compile for this. There will also be a packet for short stories we cover together in class.

Materials needed: Notebook for taking notes and writing down assignments. Pens, pencils, and highlighters will be used.

Supply Fee: \$20.00

We will also have a class reading competition from a longer list of novels, plays, and poetry with rewards at various levels. Part of the class fee will cover these prizes. Some prizes will be for first semester achievers and others will be year-end prizes. The competition reading list is determined by the teacher.

HS Literature and Composition: (10th-12th grade)

English Comp 1 dual credit available for 10th-12th grade.

This class will focus on how to better read, comprehend, analyze and write about literature. Students will use the reading and discussion to fuel composition ideas as they sharpen their skills while composing a 5-paragraph essay. Vocabulary and spelling will be included, using words found on SAT vocabulary lists. The skills learned in this class can make all the difference in a student's ability to comprehend literature and communicate ideas more effectively! There will also be one research paper due in the fall using MLA formatting.

Here are the book selections for the year. **Students must have access to these books to participate in class.** Penguin Classics are wonderful editions to buy because they usually have interesting introductions/forewords at the beginning of the book. Please purchase them FAR in advance (Amazon is a great place to find them used). I choose books that make a good addition to any family library.

Semester 1, Fall 2023

Wuthering Heights by Emily Bronte
Pride and Prejudice by Jane Austen
The Great Gatsby by F. Scott Fitzgerald
Silas Marner by George Eliot

Semester 2, Spring 2024:

I Capture the Castle by Dodie Smith
The Sweetest Thing by Elizabeth Musser
All the Light We Cannot See by Anthony Doerr

Supply Fee: \$15 made payable directly to instructor

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College Prep/Research Writing (Grades 10 - 12)

- Review of grammar skills
- Writing process (choosing and developing a topic, gathering information, outlining, organization, thesis statement, revising, editing, and formatting the final draft)
- Using the library (this will include a field trip to a local library)
- Essay writing (descriptive, compare/contrast, cause/effect, argue/persuade, video report, and college application essay)
- Study skills (using parts of a book, improve reading comprehension, memory techniques, and test-taking)
- Research paper (performing research that is relevant, reliable, and accurate; putting research into your own words, correctly cite sources within your paper and generating a works-cited page)
- APA & MLA styles

Minimum class size: 8

Maximum Class Size: 12

Resource Materials: Provided by instructor

Materials Fee: \$45.00 (Payable to the Instructor)

The Art of Communication: 10th-12th:

In this class students will be given a practical overview to human communication in its various forms. We will focus on face-to-face communication, but we will also explore the area of writing, as well as the role of technology and its influence on our daily interactions. The goal of the class is to develop greater understanding of how important communication skills are in our personal and professional lives. Students will be encouraged to use these skills in ways that will enlarge and enrich their own lives as well as others they come into contact with. In-person class participation of both individual and group exercises, as well as considerate listening of others, are key to this class, but the aim is to de-stress this often-stressful area of study.

Textbook: The Art of Communication (third edition) by Randy Fujishin

ISBN-13: 978-1442266230

ISBN-10: 1442266236

Minimum class size: 8 **Maximum class size:** 16

Materials fee: \$20.00 (Payable to the Instructor)

Musical Theater 1st-3rd grade

This introduction to theater class will acquaint students with the fundamentals of acting, basics of theater history and theater vocabulary, and the process of constructive critique while seeking to develop a deeper appreciation for the mental, physical, and emotional demands of theater. Students will learn how performers approach warm-ups, explore how actors access the thoughts, feelings, and actions of a character, learn the basics of play production, and explore what goes into a successful audition. Our time together will include team work and collaboration, improvisation games, character analysis, monologue and/or duet performances, and small group performances as we work towards building confidence and trust amongst our fellow actors, strong personal stage presence, believability, and a deeper appreciation for and understanding of the theater.

Minimum class size: 8 Maximum class size: 20

Materials Fee: \$45.00 for supplies/copies (Payable to the Instructor)

Musical Theater 3rd-6th grade:

This introduction to theater class will acquaint students with the fundamentals of acting, basics of theater history and theater vocabulary, and the process of constructive critique while seeking to develop a deeper appreciation for the mental, physical, and emotional demands of theater. Students will learn how performers approach warm-ups, explore how actors access the thoughts, feelings, and actions of a character, learn the basics of play production, and explore what goes into a successful audition. Our time together will include team work and collaboration, improvisation games, character analysis, monologue and/or duet performances, and small group performances as we work towards building confidence and trust amongst our fellow actors, strong personal stage presence, believability, and a deeper appreciation for and understanding of the theater.

Minimum class size: 8 Maximum class size: 20

Materials Fee: \$45.00 for supplies/copies (Payable to the Instructor)

Drama 7th-12th grade:

For the 2023/2024 school year, Mrs. Studna would like to do an actual play for the performance. This would be only acting!

This introduction to theater class will acquaint students with the fundamentals of acting, basics of theater history and theater vocabulary, and the process of constructive critique while seeking to develop a deeper appreciation for the mental, physical, and emotional demands of theater. Students will learn how performers approach warm-ups, explore how actors access the thoughts, feelings, and actions of a character, learn the basics of play production, and explore what goes into a successful audition. Our time together will include team work and collaboration, improvisation games, character analysis, monologue and/or duet performances, and small group performances as we work towards building confidence and trust amongst our fellow actors, strong personal stage presence, believability, and a deeper appreciation for and understanding of the theater.

Minimum class size: 8 Maximum class size: 20

Materials Fee: \$45.00 for supplies/copies (Payable to the Instructor)

HS Life Skills/Health: 9th-12th Grades

In Life Skills, students will gain practice and confidence in communication (including interview skills) and various areas of etiquette. They will explore career inventories and personality assessments. Students will acquire knowledge of time/money/household management, overall resourcefulness, and college readiness. This course will center around practical information to prepare students for living exceptionally and successfully on their own. We will also incorporate guest speakers and hands-on activities.

Health will be taught using *A Beka, Health in Christian Perspective, 2nd Edition* curriculum, which encourages teens to make health and wellness a priority, and will address nutrition, exercise, personal hygiene, mental health, safety, first aid, disease prevention, spiritual growth, and more! In class, students will read the Health text, answer chapter questions and participate in groups and class discussions.

Maximum class size: 14

Materials Fee: \$40.00 (Payable to the instructor)

Required Textbook: Health in Christian Perspective 2nd Edition, A Beka Science/Health Series ASIN: B002YQGPHU

Foreign Languages

Elementary Spanish

Students will learn the basics of the Spanish language. We will engage in a variety of games, songs, speaking, and crafts to learn common phrases and commonly used vocabulary in Spanish. Depending on the ages and skill level of the students, we may learn some basic conjugation of verbs. Students will be introduced to the following: Common Spanish Phrases, Numbers, Colors, Days of the Week, Months of the Year, Weather Phrases, Family and Friends, Rooms and Items in the Home, Food and Drink, Parts of the Body and Face, Clothing, Transportation, Animals, Common Verbs, and Location Words.

Book: Skills for Success Spanish Elementary Workbook by Cynthia Downs,
ISBN: 978-0887247576

Supply Fee: \$40 (for supplies for crafts and games)

Spanish 1 (9th-12th grade):

Spanish 1 (9th-12th grade): Students will learn the basics of talking, reading and writing in Spanish. Learning will use reading, writing and practice speaking in Spanish. Vocabulary will be of the most frequently used words. For the vocabulary learning, students will be required to make a free account on quizlet.com and join my classes. There they will be able to view all the vocabulary lists and practice the words as well as complete the vocabulary quizzes. In class, we will learn basic conjugation of verbs in the present and past tenses, as well as reflexive verbs and irregular verbs.

Minimum class size: 8 Maximum class size: 16

Materials Fee: \$20.00 (Payable to the instructor)

Textbook/Workbook: Easy Spanish Step-by-Step by Barbara Bregstein (ISBN: 978-0-07-146338-6)

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. This means parents who do not want to follow Brighton's kindergarten curriculum and homework may still join our kindergarten class and do not need to purchase our recommended textbooks. This gives parents the freedom to choose their favorite kindergarten curriculum to use at home while their student gets classroom experience and the opportunity to be involved in the fun group activities that are just more fun with a group of kindergarten students! There is not a skill level necessary to join our social and emotional classroom experience for any of our subjects.

For parents who want the full kindergarten experience, we recommend purchasing the Bob's Books readers, Bob's Books Kindergarten workbook, and Horizon Kindergarten Math Books 1 and 2. The handwriting book is sent as link from the instructor. These books will be used primarily at home for homework every Tuesday, Thursday, and Friday. Parents will be responsible for grading and homework accountability. Students will be graded on quizzes in class and classroom participation. Homework roughly consists of 6 workbook pages of Bob's Books, reading and spelling, 5 math lessons, and one lesson unit of handwriting each week along with some handwriting activities in their notebook and extra hands-on activities from the focused weekly lessons.

The way our classroom works is that we follow the content of these workbooks and do group and hands-on activities and games that relate to the weekly lessons, which is perfect for those following the curriculum but also makes it possible for the workbooks to be optional for those who want to do their own curriculum at home. Students will learn and catch on in class without the extra work at home. We make the most out of being together as a classroom group and learning while having fun.

Quick description of our classroom curriculum:

Skill level needed for starting Bob's Books is basic letter and sound recognition. Alphabet sounds are reviews in the classroom and not taught. Students should be able to begin putting letter sounds together but do not necessarily need to be reading yet.

Bob's Books class for kindergarten includes learning CVC words and progresses later to 4-5 letter words. We have 5 spelling words each week from our weekly Bob's Book readers and have a spelling test each Monday. Vowels are a major focus all year. Students will have copy work at home and will learn how to form simple sentences in class. Bob's Books makes learning to read fun and easy with their short stories that we focus on each week. Students will use letter tiles and whiteboards to practice writing and forming their spelling words and will play fun phonics and spelling games in class.

Horizon math lays a solid foundation for counting, number recognition, writing and reading numbers, skip counting, money, time, simple addition and subtraction using a number line, place value, odd/even, and understanding the calendar are a few of the major concepts we will learn. We count together in class while doing tons of fun math games and activities that follow along with the weekly homework from the textbook. There is no skill level needed to begin our math class.

Handwriting provides not only handwriting practice, but our weekly Bible verse which we test on each Monday. In our handwriting class we work on learning where our letters should be placed and the appropriate strokes by using the fun concept of naming our lines the sky, clouds, grass, and the dirt. This mental concept helps younger students remember where their letter should touch. We also touch on alphabet sounds while writing our letters as a review. Skill level needed is for students to be actively learning how to hold a pencil correctly.

Our unit study afternoon class focuses on a different study every week! We have a strong focus on the 7 continents, countries, and cultures. We study each continent spaced out through the year while filling in the other weeks with holiday themed activities, planets, weather, habitats, skeletal system and organs, germs, animal and plant life cycles, oceans, volcanoes, and much, much more! There are 36 different studies for the year! We read books, watch videos, make crafts, and conduct experiments in class. There is NO curriculum to buy or homework for this class. Skill level for this class is the ability to follow directions along with knowing how to use glue and scissors.

During our afternoon class is when we celebrate holidays, birthdays, and encourage show and tell that coordinate with our afternoon weekly themes. Our kindergarten class also offers 3 recess times, holiday parties, snack time, daily calendar and poem memorization for each month, and Bible time each morning. Kindergarten students get to stay together for lunch in our classroom and they never have to switch classes. Come join us!

Instructors: Jenny Johnson and Morgan Johnson

Classroom Materials Fee: \$100.00

Required Materials: Reference Kindergarten supply list. Students will need to bring a cold lunch from home.

Kindergarten Book List: (Optional for Full Kindergarten Experience)

Bob Books Emerging Readers Workbook-Kindergarten

ISBN: 978-1-338-22678-2

Bob Books: Stage 2 Emerging Reader, Set 2 Advancing Readers

ISBN: 978-0-439-84502-1

Bob Books Stage 2 Emerging Reader, Sight Words/Kindergarten

ISBN: 978-0-545-01923-1

Bob Books Stage 2 Emerging Reader, Sight Words/First Grade

ISBN: 978-0-545-01924-8

Handwriting materials will be sent via the instructor to be printed at home.

Horizon Math Kindergarten Book 1

ISBN: 978-0-7403-0309-8

Horizons Mathematics Grade k Student worksheet packet

ISBN: 0740303120

ISBN-13: 9780740303128

Logic and Critical Thinking 7th-9th grades

This course will help develop the student's logic and critical thinking skills as they learn to discern what arguments in the world around them are valid and which are not, through example scenarios, exercises, and thorough lessons that will help them grasp the concepts. Critical thinking skills create a solid base for making accurate judgements and evaluating arguments to avoid outside manipulation and negative influence to enable oneself with the ability to accurately and clearly express opinions and present reasons for holding specific viewpoints. Logic is a part of critical thinking. Both contribute to the ability to analyze arguments, solve puzzling issues (or try to), express valid conclusions that hopefully won't affect other's opinions in a negative way.

Minimum class size: 6 Maximum class size: 16

Materials Fee: \$20.00 (Payable to the instructor)

Textbook: NA

Mathematics

Placement: For students new to Math at Brighton Academy, a placement is needed to ensure that your student is placed properly for the year.

Elementary Math 1st grade:

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.

Minimum class size: 8 Maximum class size: 15

Materials Fee: \$30.00 (to cover various class manipulatives and project materials)

Textbook Required: *ACSI Purposeful Design Mathematics Student Worktext Grade 1 (2nd Edition)* **ISBN:** 1583315772 **ISBN-13:** 9781583315774

Elementary Math 2nd grade:

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 2 features units on patterns and place value, addition and subtraction, multiplication (facts 2-5 and 10) and division, time (5 minute intervals) and money, addition and subtraction with regrouping, fractions and measurement. The class will also include work with manipulatives, math games, and fun projects to emphasize concepts being learned.

Minimum class size: 8 **Maximum class size:** 15

Materials Fee: \$30.00 (to cover various class manipulatives and project materials)
Payable to the instructor.

Textbook Required: *ACSI Purposeful Design Mathematics Student Worktext Grade 2 (2nd Edition)* **ISBN:** 1583315799 **ISBN-13:** 9781583315798

Elementary Math 3rd grade:

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.

Minimum class size: 8 Maximum class size: 16

Materials Fee: \$30.00 (to cover various class manipulatives and project materials)

Textbook Required: *ACSI Purposeful Design Mathematics Student Worktext Grade 3 (2nd Edition)* **ISBN:** 1583315810 **ISBN-13:** 9781583315811

Elementary Math 4th grade:

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.

Minimum class size: 8 Maximum class size: 16

Materials Fee: \$30.00 (to cover various class manipulatives and project materials)

Textbook Required: *ACSI Purposeful Design Mathematics Student Worktext Grade 4 (2nd Edition)* **ISBN:** 1583315837 **ISBN-13:** 9781583315835

Upper/Elem MS Math Course 1

This class expands on the concepts taught in Math 5/4. The first several lessons will be a review from the previous year. As the class progresses, the student will continue with multiplication, division, decimals, fractions, percent's, geometry, graphing, and will learn probability and statistics, and some pre-algebra concepts. New skills are constantly being taught, but there is also review of previous concepts in each lesson. **Homework will be graded in class by each student with teacher guidance.** See syllabus for information regarding quizzes and tests.

Minimum class size: 8 Maximum class size: 16

Materials Fee: \$25.00 for classroom materials (Payable to the Instructor)

**Required Text: McDougal Littell Middle School Math, Course 1: Student Edition
© 2004, ISBN-10: 0618087591 · ISBN-13: 978-0618087594**

<https://www.amazon.com/McDougal-Littell-Middle-School-course/dp/0618087591>

MS Math Course 2

This class continues study of the concepts presented in Upper Elementary/Middle School Math Course 1. Students will take notes during an informal lecture presentation. Topics include number sense and measurement; decimal, fraction and integer operations; percent applications; finding perimeter, area and volume of geometric figures, one step inverse operations, probability and statistics. Students will be expected to keep notebooks and assignments organized throughout each semester. Homework assignments will be graded in class by each student with teacher guidance. Assessments will be administered in class and graded by the teacher.

Minimum class size: 8 Maximum class size: 16

Materials fee: \$25.00 for classroom materials (Payable to the Instructor)

Required Textbooks: McDougal Littell Middle School Math, Course 2: Student Edition. ·ISBN 9780618249749

https://www.amazon.com/McDougal-Littell-Middle-SchoolCourse/dp/0618508155?ref =mw_olp_product_details

Math Course 3

This course sits in between Middle School Math Course 2 and PreAlgebra. Concepts presented in the previous course are expanded and algebraic connections are introduced. Students develop more details and secure the foundation needed to better prepare for a transition into high school math courses. Students will take notes during an informal lecture presentation. Topics include variables and equations, integers, solving one and two step equations and inequalities, rational numbers, polygons, right triangles, area, volume, transformations, linear equations and graphs, data analysis and probability, and polynomials. Students will be expected to keep notebooks and assignments organized throughout each semester. Homework assignments will be graded in class by each student with teacher guidance. Assessments will be administered in class and graded by the teacher.

Minimum class size: 8 Maximum class size: 16

Materials Fee: \$25.00 for classroom materials (Payable to the Instructor)

Required textbooks: McDougal Littell Middle School Math, Course 3: Student Edition. · **ISBN-10:** 061825000X/ · **ISBN-13:** 978-0618250004

https://www.amazon.com/McDougal-Littell-Middle-School-Course/dp/061825000X/ref=olp_product_details?encoding=UTF8&me

Pre-Algebra:

Pre-Algebra: Prerequisite: A thorough and working knowledge of the multiplication tables through 12 x 12, basic fraction operations, long division, and basic operations with decimals. If a student is not comfortable with a basic knowledge of these concepts, placement in a different level of math is recommended.

Pre-Algebra will meet twice a week. Larson's 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. Students will be required to complete homework assignments outside of class. Tests will be administered in class.

Minimum class size: 8 Maximum class size: 16

Materials fee: \$20.00 (Payable to the Instructor)

Textbook: McDougal Littell Pre-Algebra by Ron Larson, student edition, Hardcover, Published in 2008, ISBN-13: 978-0- 618-80076-6

Algebra 1:

Prerequisite: Pre-Algebra. (Contact the instructor if you have any questions about readiness.)

This high school level course covers connections to algebra; properties of real numbers; solving linear equations; graphing linear equations and functions; writing linear equations; solving and graphing linear inequalities; systems of linear equations and inequalities; exponents and exponential functions; quadratic equations and functions; polynomials and factoring; rational equations and functions; radicals and connections to geometry. Students will be required to complete homework assignments outside of class and will be due at the next class meeting. Grading of homework assignments will take place at the beginning of each class - instructor will check that the assignment has been completed and then students will check answers with teacher as a group. See syllabus for information regarding quizzes and tests.

Minimum class size: 8 Maximum class size: 16

Materials Fee: \$20.00 (Payable to the Instructor)

Required Texts: McDougal Littell *Algebra 1* by Ron Larson, 2004 student edition.
Note: There are two ISBN numbers on the book. **ISBN-10: 0618250182; ISBN-13: 9780618250189**

Geometry:

Prerequisite: Algebra I (Contact the instructor if you have any questions about readiness.)

This is a proof-based course that covers points, lines and planes; rays and angles; congruent triangles; inequalities; parallel lines; quadrilaterals; area; similarity; circles; the right triangle; the concurrence theorems; regular polygons; geometric solids; and coordinate geometry. This is a high school level course that develops deductive reasoning skills. Students will be required to complete homework assignments outside of class in a timely manner.

Homework will be graded in class by each student with teacher guidance. Students should expect daily quizzes to assess immediate understanding and overall retention. Tests will be administered in class.

Minimum class size: 8 Maximum class size: 16

Materials Fee: \$20.00 (Payable to the instructor)

Required Texts: McDougal Littell *Geometry* by Ron Larson, 2004 student edition.
NOTE: There are two ISBN numbers on the book. ISBN-13: 9780618250226 and ISBN-10: 0618250220.

Algebra 2:

Algebra 2: Prerequisite: Algebra 1 (Contact the instructor if you have any questions about readiness.)

This high school level course covers equations and inequalities; linear equations and functions; systems of linear equations and determinants; quadratic functions; polynomials and polynomial functions; powers, roots, and radicals; exponential and logarithmic functions; rational equations and functions; quadratic relations and conic sections; sequences and series; probability and statistics, trigonometric ratios, and functions; trigonometric graphs, identities, and equations. Students will be required to complete homework assignments outside of class. Tests will be administered in class.

Minimum class size: 8 Maximum class size: 16

Materials Fee: \$20.00 (Payable to the instructor)

Required Texts: McDougal Littel Algebra 2 by Ron Larson, 2004 student edition.
ISBN-10: 0618250204 or ISBN-13: 978-0618250202

Personal Financial Literacy: High School, 11th-12th. 1st Semester

This course will help prepare your student to be a good steward of the Lord's money. The course will cover taxes, checking, savings, paying for college, types of credit, managing credit, investing, insurance and budgeting. Though not as heavily math oriented as some students fear, there will be some basic math needed in a few of the units. In the tax unit, the class will learn about different tax forms, will complete a 1040 tax filing, and, if still available in the curriculum next year, a simulated Turbo Tax filing. In the checking and savings units, the class will learn about different accounts, balancing an account, and online apps. The class will cover college cost, the FAFSA, and the different ways to pay for college. Credit units will cover the different types of credit, pitfalls, responsibility, and getting out of debt if one finds their way there. In the investing unit, the class will learn about the different types of investment vehicles and retirement accounts. The insurance unit includes types of insurance and impact of having/not having insurance. Students will learn how to budget.

For supplies, it is important that students have a 3-ring binder only for this class.

Minimum class size: 6 Maximum class size: 16

Prerequisite: None.

Materials fee: \$30.00 (Payable to the Instructor)

Required Textbook: Provided by the teacher

AP Pre-Calculus

Prerequisite: Algebra 2 and either ACT or Accuplacer score indicating that the student is prepared for College Algebra.

Precalculus is a course designed to weave together the material from previous math courses, build problem solving skills, and study new content in preparation for students to take calculus. Topics studied are Linear, Quadratic and Polynomial Functions; Exponential and Logarithmic Functions as well as development of e and the natural logarithm; and Analytical Trigonometry.

Instructor: Kathy Redfern, kredfernbrightonkc@gmail.com

Minimum class size: 6 **Maximum class size:** 16

Materials Fee: \$20.00 (Payable to the Instructor)

Required Text: Free online Precalculus textbook at Openstax

<https://openstax.org/details/books/prec calculus>

A basic scientific calculator with sine, cosine, and tangent functions is also required.

AP Statistics:

In AP Statistics, students cultivate their understanding of statistics using technology, investigations, problem solving, and writing as they explore concepts like variation and distribution; patterns and uncertainty; and data-based predictions, decisions, and conclusions. The Advanced Placement Program enables students to take college-level courses and earn college credit, advanced placement, or both, while still in high school. AP Exams are given each year in May. The cost of an AP exam in 2023 is \$97, due the prior November. Students who earn a qualifying score on an AP Exam are typically eligible, in college, to receive credit, placement into an advanced course, or both.

Instructor: Kathy Redfern, kredfernbrightonkc@gmail.com

Minimum class size: 3

Maximum class size: 16

Materials Fee: \$30.00 (Payable to the Instructor)

Required Text: Open Intro Statistics, 4 th edition, Free download

<https://www.openintro.org/book/os/>

Click on the PDF, you do not need the Download Extras material

Materials:

A TI-84 Plus CE calculator (can be purchased on Amazon for about \$110, or at Target, or Walmart)

Physical Education (Elementary)

Physical Education (PE) is an important component of each student's school experience. Physical wellness and psychomotor skills are developed through a variety of activities in and outside of child's classroom. At Brighton Academy we will focus on safe environment that promotes success and expression through a variety of movement opportunities and challenges. Students will be given opportunities to experience and develop self-confidence and self-esteem while participating in a variety of developmentally appropriate activities which will contribute to enhancing skills for a healthy lifestyle. PE will be held outside whenever possible, weather permitting. PE will be held indoors when temperatures are below 25 or above 95 or when there is any other extreme weather.

Minimum class size: 6 Maximum class size: 20

Materials Fee: \$20.00 for sports equipment (Payable to the Instructor)

PSYCHOLOGY

Dual credit option available for 10th-12th grade.

This basic introduction to psychology includes the study of biological aspects of behavior, the brain, consciousness, sensation and perception, motivation and emotion, stress, maturation and development, learning and memory, normal and abnormal personality, and social psychology. This course is the prerequisite for all advanced-level psychology courses.

Materials Fee: NA

Required Text: Textbook: Exploring Psychology by David Myers, 9th edition. ISBN: 9781464163364 and Psychology in Christian Perspective by Harold Faw. ISBN: 0801020123

Science

Elementary Science (Grades 1 – 3)

Flying Creatures of the Fifth Day: Exploring Creation with Zoology 1

This year students will learn about God’s creation on the fifth day. Student’s imagination will soar as they study birds, bats, and flying insects. Your young zoologist will investigate the dynamics of flight, learn classification skills, and explore how the design we see in flying creatures points us toward our Creator. Through lessons, hands-on activities, special projects, and experiments, we will learn about winged creation. This will serve to make learning fun and focus on biblical traditions.

Minimum class size: 8 Maximum class size: 16

Instructor: Angela Earley

Class Supply Fee: \$40.00 (payable to instructor)

Required Materials:

Willingness to learn! Lapbooks, nature binder, craft supplies provided by instructor through fee.

Note from teacher: Feel free to purchase the textbook and any supplemental materials at your own discretion. The text covers a lot of material and at times can be advanced. The text was not required due to this and rather the information will be conveyed more age appropriately. As far as the other materials, they are teacher provided to ensure uniformity and to be kept safely in the classroom. They will be sent home quarterly for parent review and expected to be returned.

Elementary Science (4th-6th)

Flying Creatures of the Fifth Day: Exploring Creation with Zoology 1

This course will give students the opportunity to learn more about God's creation of flying creatures on the fifth day (birds, bats, and flying insects). Students will explore in-depth curriculum and expand on their knowledge through activities, experiments, and their own investigative research. We will explore the anatomy and physics of flight and the diversity and classification of species, and how scientists study these species today. By learning about how God made these amazing creatures, we will discover more about the characteristics of God as well.

Minimum class size: 8

Class Supply Fee: \$40.00 (payable to instructor)

Required Materials:

Flying Creatures of the Fifth Day: Exploring Creation with Zoology 1 (this book should be available used)

ISBN: 1932012613

ISBN-13: 9781932012613

AND

Exploring Creation with Zoology 1: Flying Creatures of the 5th Day Lapbook Package

ISBN: 1616250844

<https://www.christianbook.com/apologia-exploring-creation-creatures-lapbook-package/9781616250843/pd/625084?event=ESRCG>

In this class we come from a worldview of creation. However, we will discuss the basics of the theory of evolution as a part of the course curriculum, and there are times where science videos that supplement learning may hold an evolutionist worldview. When this comes up, I always provide a disclaimer for students that we can take in the good scientific information, without having to agree with a short mention of evolution.

My ultimate goal in the unit that covers evolution is to:

- 1) show how similar designs in creation point to a single, intelligent Creator
- 2) equip students for academic success in all areas of Biology
- 3) prepare students with a sound knowledge of creation and evolution and how to have loving conversations filled with salt and light with those that have opposing worldviews.

I work to accomplish these goals by:

- 1) sharing the specifics of the theory of evolution, and how looking at the same data, with the revelation of our God, we can come to educated conclusions of a creation view with that data.
- 2) facilitating discussion of ways we can have conversations with evolutionists that might open a door to Christ, and also discussing ways we can have conversations that might push people away from Christ.

MS Science: Introduction to Physics (6th-8th grade)

This course is designed to provide middle school students with a foundation for physical science and physics. It is a great introductory course to prepare students for upper-level science curriculum. Unit topics include the characteristics and composition of matter, friction, energy, force, magnetism, electricity, and gravity. Each lesson is comprised of informational and engaging text and an experiment that reinforces concepts and applies them to the real world. Taught from a Christian perspective, students will not only learn about the physical composition of the world, but discover how to connect these principles to God's character. They will be encouraged to think deeply and have fun as they explore the physics of God's world.

Minimum class size: 8

Class Supply Fee: \$45.00 (payable to instructor)

Required Materials:

Christian Kids Explore Physics (2nd edition)

ISBN10: 1892427214)

<https://www.christianbook.com/christian-physics-second-edition-digital-companion/robert-ridlon/9781892427212/pd/427212?event=ESRCG#CBD-PD->

In this class we come from a worldview of creation. However, we will discuss the basics of the theory of evolution as a part of the course curriculum, and there are times where science videos that supplement learning may hold an evolutionist worldview. When this comes up, I always provide a disclaimer for students that we can take in the good scientific information, without having to agree with a short mention of evolution.

My ultimate goal in the unit that covers evolution is to:

- 1) show how similar designs in creation point to a single, intelligent Creator
- 2) equip students for academic success in all areas of Biology
- 3) prepare students with a sound knowledge of creation and evolution and how to have loving conversations filled with salt and light with those that have opposing worldviews.

I work to accomplish these goals by:

- 1) sharing the specifics of the theory of evolution, and how looking at the same data, with the revelation of our God, we can come to educated conclusions of a creation view with that data.
- 2) facilitating discussion of ways we can have conversations with evolutionists that might open a door to Christ, and also discussing ways we can have conversations that might push people away from Christ.

Life Science (7th -8th grade):

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. Students will be expected to read the text at home each week, participate in class discussions, work with classmates, and prepare for tests. This is a great foundational class to help students prepare for high school science.

Minimum class size: 8

Materials Fee: \$45.00 for labs (Payable to the Instructor)

Textbooks: BJU Press, Life Science 4th edition text **ISBN:** 160682161X or **ISBN-13:** 9781606821619

BJU Press, Life Science 4th edition student lab manual (lab manual must be new) **ISBN:** 1606822039 or **ISBN-13:** 9781606822036

In this class we come from a worldview of creation. However, we will discuss the basics of the theory of evolution as a part of the course curriculum, and there are times where science videos that supplement learning may hold an evolutionist worldview. When this comes up, I always provide a disclaimer for students that we can take in the good scientific information, without having to agree with a short mention of evolution.

My ultimate goal in the unit that covers evolution is to:

- 1) show how similar designs in creation point to a single, intelligent Creator
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- 3) prepare students with a sound knowledge of creation and evolution and how to have loving conversations filled with salt and light with those that have opposing worldviews.

I work to accomplish these goals by:

- 1) sharing the specifics of the theory of evolution, and how looking at the same data, with the revelation of our God, we can come to educated conclusions of a creation view with that data.
- 2) facilitating discussion of ways we can have conversations with evolutionists that might open a door to Christ, and also discussing ways we can have conversations that might push people away from Christ.

Earth and Space Science (7th to 9th Grades):

Through this course of study, the student will investigate.

geology, oceanography, meteorology, astronomy, and environmental science with the goal of discovering the thoughts of the Creator through the ingenious structure and orderly function of His creation.

Course Topics: The topics covered in this course will include: Introduction to Science, Foundations of Geology, Minerals and Rocks, Weathering and Erosion, Interpreting the Fossil Record, A Survey of the Seas, The Atmosphere, Weather: Water Vapor and Air Masses, Weather: Storms and Forecasting, Consider the Heavens, Man and the Universe, and Environmental Science

Textbook – only one of the following:

Abeka, Science: Earth and Space (First Edition)

(<https://www.abeka.com/abekaonline/bookdescription.aspx?sbn=303623&childSbn=158887>; can be found used on other sites)

Abeka, Science: Earth and Space (Second Edition)

(<https://www.abeka.com/abekaonline/bookdescription.aspx?sbn=381594>; can also be found used on other sites)

This class counts as a high school credit for 9th Graders.

Minimum class size: 8 Maximum class size: 16

Materials Fee: \$45.00 for copies and lab supplies (Payable to the Instructor)

Lab Book: NA

My mission, as a secondary science teacher, is to provide each student with a positive, Christian, learning environment in which they are encouraged to achieve academic success and develop a lifelong curiosity for learning about the scientific wonders that God has created in the world around them. It is also my desire to help every student develop good study skills, become independent and critical thinkers, and learn to work both independently and with others towards completing assignments and tasks during the school year, and also into the future.

Physical Science (8th Grade and up):

Prerequisite: Pre-Algebra

Physical Science is an exciting and engaging introduction to the world of physics and chemistry. Designed and written for the 9th-grade level, it provides an essential foundation for subsequent science courses, including Biology, Chemistry, and Physics. It builds a foundation of basic knowledge regarding matter and measurements, along with the key principles and scientific laws of classical physics, thermodynamics, electricity, magnetism, sound, light, and optics. This lab intensive course will have students completing hands-on learning experiments which will excite students to want to know more and help to shape a biblical worldview. The lab fee will cover the cost of all supplies. Physical Science is a first level high school science class, to be taken *before* Biology if possible. Due to the advanced nature of the course content, it is also appropriate for older high school students needing a lab course, but who are not yet at the math level required for a full year of chemistry or physics.

Minimum class size: 8 Materials Fee: \$50.00 (Payable to the Instructor)

Textbook: BJU Press Physical Science Student Text, Fifth Edition

ISBN: 1606824643

ISBN-13: 9781606824641

Lab manual needs to be new: BJU Press Physical Science Lab Manual Student Edition (5th Edition)

ISBN: 1606825003

ISBN-13: 9781606825006

In this class we come from a worldview of creation. However, we will discuss the basics of the theory of evolution as a part of the course curriculum, and there are times where science videos that supplement learning may hold an evolutionist worldview. When this comes up, I always provide a disclaimer for students that we can take in the good scientific information, without having to agree with a short mention of evolution.

My ultimate goal in the unit that covers evolution is to:

- 1) show how similar designs in creation point to a single, intelligent Creator
- 2) equip students for academic success in all areas of Biology
- 3) prepare students with a sound knowledge of creation and evolution and how to have loving conversations filled with salt and light with those that have opposing worldviews.

I work to accomplish these goals by:

- 1) sharing the specifics of the theory of evolution, and how looking at the same data, with the revelation of our God, we can come to educated conclusions of a creation view with that data.
- 2) facilitating discussion of ways we can have conversations with evolutionists that might open a door to Christ, and also discussing ways we can have conversations that might push people away from Christ.

Biology (9th Grade and up):

This course is designed to be a thorough introduction to the field of Biology. *Biology* shows your student God's power and glory in creation as he learns about cellular biology, genetics, taxonomy, microbiology, botany, and zoology. When studying topics such as creation and evolution, human cloning, abortion, and stem cell research, students are pointed to Scripture as the ultimate authority and are encouraged to develop a Biblical perspective about these topics. Homework will include reading, work from the text and, occasionally, internet research. The teacher will provide all laboratory materials other than the individual project supplies. Further A & P study, as well as possible dual credit, is provided in the Advanced Biology course.

Minimum class size: 8

Materials Fee: \$45.00 (Payable to the Instructor)

Textbook: BJU Press Biology Grade 10 Student Text (5th Edition)

ISBN: 160682936X or

ISBN-13: 9781606829363

BJU Press Biology Grade 10 Student Lab Manual (5th Edition)

Lab manual needs to be new.

ISBN: 1628560231

ISBN-13: 9781628560237

In this class we come from a worldview of creation. However, we will discuss the basics of the theory of evolution as a part of the course curriculum, and there are times where science videos that supplement learning may hold an evolutionist worldview. When this comes up, I always provide a disclaimer for students that we can take in the good scientific information, without having to agree with a short mention of evolution.

My ultimate goal in the unit that covers evolution is to:

- 1) show how similar designs in creation point to a single, intelligent Creator
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- 1) sharing the specifics of the theory of evolution, and how looking at the same data, with the revelation of our God, we can come to educated conclusions of a creation view with that data.
- 2) facilitating discussion of ways we can have conversations with evolutionists that might open a door to Christ, and also discussing ways we can have conversations that might push people away from Christ.

Advanced Biology (11th and 12th grade):

10th grade with instructor approval

Dual credit option available through CCC (10th-12th grade)

Prerequisites: Biology

Combined with a previous full year of Biology, this course gives the student the equivalent of a university biology course. We begin the year with a comprehensive review of basic biology and biochemistry. Then we cover both the Anatomy and the Physiology of the human body's 11 organ systems in detail. Advanced Biology would be especially helpful to any student considering a career in a Health Sciences field, such as: pre-med/dental/nursing/PT/OT/dental hygiene/biotechnology/etc. There may be required, or extra credit semester class projects related to Human Anatomy. Students will complete all the labs in the book, which will add up to several hours of microscopic evaluation of tissue samples and comparative anatomy dissections. There will also be 4 Biology article reviews completed by the students who will be receiving dual college credit for this class. The lab fee will cover all laboratory equipment and dissection specimens.

Minimum class size: 6 Maximum class size: 16

Materials Fee: TBD (Payable to the Instructor)

Textbook: Apologia (Advanced Biology)

The Human Body 2nd Edition Textbook ISBN-10: 1935495720 New book \$54.00: (<https://www.christianbook.com/advanced-biology-2nd-edition-marilynshannon/9781946506603/pd/506603?event=ESRCG>) Check for used copies as well. Please make sure you get the 2nd edition. The 1st edition is *not* compatible.

Kaplan Coloring Book, 6th edition

The student workbook is NOT NEEDED.

Chemistry:

Prerequisite: Algebra I

This high school course provides a rigorous foundation in chemistry and prepares the student for advanced high school or college level chemistry courses. Some of the topics covered are significant figures, units, classification, the mole concept, stoichiometry, thermodynamics, kinetics, acids and bases, redox reactions, solutions and mixtures, atomic and molecular structure, Lewis structures, molecular geometry, the gas laws, and equilibrium. Lab experiments will be conducted throughout the modules to further cement the concepts learned in each module and provide the student with hands-on experience working with lab equipment and common chemicals and completing lab reports. Each module in this course is set up to be completed in 2 weeks, followed by a test.

Minimum Class Size: 3 Maximum Class Size: 16

Material Lab Fee: \$40.00 (Payable to the Instructor)

Textbook: Exploring Creation with Chemistry, 3rd Edition, Plourde and Hughes (ISBN: 9781946506580); new or used; "Solutions Manual" not needed / Exploring Creation with Chemistry, 2nd Edition, Dr Wile (ISBN: 9781932012262) can still be used but will be phased out in a couple of years. **Please let the instructor know which text your student will be using.**

My mission, as a secondary science teacher, is to provide each student with a positive, Christian, learning environment in which they are encouraged to achieve academic success and develop a lifelong curiosity for learning about the scientific wonders that God has created in the world around them. It is also my desire to help every student develop good study skills, become independent and critical thinkers, and learn to work both independently and with others towards completing assignments and tasks during the school year, and also into the future.

Advanced Chemistry (11th and 12th grade):

Prerequisites: Chemistry

Description will be forthcoming.

Minimum class size: 6 **Maximum class size:** 16

Materials Fee: TBD (Payable to the Instructor)

Textbook: TBD

AP Physics 1

Prerequisite: Algebra 1

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.

The Advanced Placement Program enables students to take college-level courses and earn college credit, advanced placement, or both, while still in high school. AP Exams are given each year in May. The cost of an AP exam in 2022 is \$96, due the prior November. Students who earn a qualifying score on an AP Exam are typically eligible, in college, to receive credit, placement into an advanced course, or both.

Instructor: Kathy Redfern, kredfernbrightonkc@gmail.com

Minimum class size: 6 **Maximum class size:** 16

Materials Fee: \$40.00 (Payable to the Instructor)

Textbook: Free online College Physics textbook at Openstax

<https://openstax.org/details/books/college-physics>

SCIENCE, TECHNOLOGY, ENGINEERING, & MATH

STEM Critical Thinking 1-3 grades:

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 the specific technical skills necessary for 21st century success. But we also know that the S.T.E.M. education environment is perfect for learning life skills like teamwork, independent and structured problem-solving; and developing character traits like perseverance, responsibility, and courage. Students will have the chance to complete hands-on experiments, build and design projects, and increase their understanding of science and math. The class units include: study of the seasons, engineering based on classic Fairy Tales, computers, weather, chemistry, physical science, animals, engineering, Legos, space, plants, and much more! If your student was enrolled in STEM this past year, they can still take it again. We will repeat some projects, but will also be adding new ones.

Minimum class size: 8 Maximum class size: 12

Materials/Class Fee: \$55.00 (Payable to the Instructor)

Textbook: NA

STEM Critical Thinking 4-6 grades:

Prerequisite: None

STEM education is a growing force in today's classroom. 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 class will be taught using the Teach Engineering STEM curriculum k-12. The course will be broken up into 9 curricular units. Each unit will have multiple lessons and hands on STEM activities. The focus of this course will be relating science, technology, and math concepts to engineering. Students will have 9 STEM projects, one for each unit, throughout the year as well as 9-unit tests. 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.

Minimum class size: 8

Maximum class size: 16

Materials Fee: \$45.00 (This fee includes projects equipment and supplies)
(Payable to Instructor)

Textbook: NA

STEM Critical Thinking 7-9 grades

The STEM acronym stands for science, technology, engineering, and mathematics. All of these academic disciplines rely heavily on each other and are highly integrated in the professional and academic world. This course is intended to integrate the STEM fields through project-based learning. Students will be engaged by hands-on activities geared towards combining multiple STEM disciplines and learn to be creative and innovative while completing projects from start to finish, in an environment where it is safe to fail and learn from mistakes. Teamwork and communication will be stressed as the students work together to complete tasks and projects.

Minimum class size: 4

Maximum class size: 12

Materials fee: \$50.00 (This fee includes equipment and supplies) (Payable to the Instructor)

Textbook: Everything You Need to Ace Science in One Big Fat Notebook by Workman Publishing

ISBN-10: 0761160957

ISBN-13: 978-0761160953

Is available new and used on Amazon.

STEM Critical Thinking 10th-12th grades

The STEM acronym stands for science, technology, engineering, and mathematics. All of these academic disciplines rely heavily on each other and are highly integrated in the professional and academic world. This course is intended to integrate the STEM fields through project-based learning. Students will be engaged by hands-on activities geared towards combining multiple STEM disciplines and learn to be creative and innovative while completing projects from start to finish, in an environment where it is safe to fail and learn from mistakes. Teamwork and communication will be stressed as the students work together to complete tasks and projects.

Minimum class size: 4

Maximum class size: 12

Materials Fee: \$60.00 (This fee includes equipment and supplies)
(Payable to the Instructor)

Textbook: NA

Social Studies

Elementary Social Studies (Grades 1-3)

Our Star-Spangled Story

This year we will cover early American history through engaging, narrative-style chapters. Our story will begin with life in America before Europeans came, through the first settlements, and up to the late 1800's. We will spotlight many individuals and learn about their lives and the impact they had on our country. We will also include literature that will enhance our textbook studies, as well as many hands-on crafts and activities.

Minimum class size: 8 **Maximum class size:** 16

Class Supply Fee: \$25.00 (payable to instructor)

Required Materials: See "Textbook and Supply List" on the Brighton website.

Required Textbooks:

Notgrass, "Our Star-Spangled Story: Part 1", ISBN: 9781609991241

<https://www.christianbook.com/our-star-spangled-story-part-1/9781609991241/pd/991263?event=Homeschool|1013842#CBD-PD-Description>

Notgrass, "My Star-Spangled Notebook", ISBN: 9781609991289

<https://www.christianbook.com/my-star-spangled-student-workbook/9781609991289/pd/991289?event=CPOF>

Elementary Social Studies (Grades 4th-6th)

New World History & Geography in Christian Perspective

This year, students will blaze the trail of exploration into the Western Hemisphere. Travel virtually along the beautiful sea coast of Prince Edward Island in Canada; grow pineapple and sugar cane in Hawaii; wear a poncho to a traditional Mexican fiesta; or sail across Lake Titicaca from Bolivia, South America. We will study the characteristics and geographical features of Canada, the United States, Mexico, the Caribbean, and Central and South Americas. The Maps & Activities workbook aids in enhancing each student's geography knowledge and covers map skills and terminology.

Minimum class size: 8

Maximum class size: 16

Class Supply Fee: \$25.00 (payable to the instructor)

Required Materials: Spiral notebook or notebook paper, folder, pencils, and colored pencils.

Required Textbooks:

Abeka, "New World History & Geography in Christian Perspective", 4th Edition.

<https://www.abeka.com/abekaonline/bookdescription.aspx?sbn=157538>

Abeka, "New World History & Geography Maps & Activities Workbook".

<https://www.abeka.com/abekaonline/bookdescription.aspx?sbn=157554>

MS World History (Grades 7th-8th)

World Studies

This class will provide students with a stirring, fascinating, chronological narrative of world history that reveals the hand of God at work among the nations. We will explore the time period from A.D. 1000 to the present, covering the birth of Christ, the rise of Islam, and a survey of world nations. There will be multiple activities for each chapter including map studies, graphic organizers, worksheet-based exercises, and reading selections throughout. We will also engage in group activities and projects to both solidify and enhance the students' learning experience.

Minimum class size: 8

Maximum class size: 16

Class Supply Fee: \$20.00 (payable to the instructor)

Required Materials: Notebook, folder, pencils, highlighter, and colored pencils.

Required Textbooks:

BJU Press, "World Studies", 4th edition, ISBN: 978-1-60682-983-7

<https://www.bjupresshomeschool.com/product/515874>

American History High School: 9th-12th grade:

This course will explore the history of the United States from colonial times up to the present times. The class will cover the people, places, and events of our nation's history from a Christian worldview. This course will require out of class reading and course work to best take advantage of class time to facilitate discussion and comprehension.

Minimum class size: 6 **Maximum class size:** 16

Materials Fee: \$20.00 (payable to the instructor)

Required Textbook: Exploring America Curriculum Package by Notgrass, includes Book 1 and 2 along with American Voices (2019 edition). ISBN: 9781609999971

World Geography High School: 9th-12th grade

This course provides a survey of both geographic principles and study of every country of the world through a regional approach from a Christian worldview. Using the theme of a grand tour, students will "travel" from continent to continent around the world, studying cultures, landforms, climates, resources, religions, and governments. This course would be useful foundation prior to taking World History. This course requires quite a bit of reading out of class. In addition, students will be required to complete at minimum one project per semester.

Prerequisite: None. Taking this course prior to World History may make that course more meaningful.

Minimum class size: 6 **Maximum class size:** 16

Materials Fee: \$20.00 (Payable to the Instructor)

Please note the 4th edition is needed for this course. The activity book cannot be used as it will be missing pages that we may need.

Required Texts: BJU Cultural Geography Student Text, 4th Edition, **ISBN:** 1606824996 or **ISBN-13:** 9781606824993 and BJU Cultural Geography Student Activity Manual, 4th Edition **ISBN:** 1606826174 or **ISBN-13:** 9781606826171

American Government: 11th-12th grade

2nd semester *Fulfills ½ credit of required Am. Government.*

(10th grade with instructor approval)

Students will explore the government of the United States from its beginning to the present from a Christian Worldview. Students will learn about the operations of federal, state, and local government, and about issues facing our nation today. Students become better equipped to understand, pray for, and be involved in our country's government. Students can anticipate guest speakers from among our local government and a mandatory field trip to Topeka. In addition, students will be required to attend a minimum of one local government meeting. This course includes quite a bit of time outside the classroom dedicated to reading and completing course work to best take advantage of class time to facilitate discussion and comprehension.

Minimum class size: 6 Maximum class size: 16

Materials fee: \$15.00 (Payable to the Instructor)

Required Textbook: **Required Textbook** is a slight change to a specific copyright date of Notgrass:

Exploring Government Student Text **2016 Updated Edition**

(ISBN: 1609991001 ISBN-13: 9781609991005 and We Hold These Truths 2016 Updated Edition ISBN: 160999101X ISBN-13: 9781609991012

Prerequisite: None, but a prior American History course would make the course more meaningful.

Study Hall

Brighton Academy considers Study Hall a class and therefore maintains this as a time of study for students and structures it to allow optimum productivity. Students should bring work to accomplish during this time. Parents may send a list of items that they want their student to complete.

All students in Study Hall must be pre-registered for that period. A student may temporarily utilize a Study Hall period if it is first cleared with the Study Hall monitor. There will be a \$3 charge for each Study Hall period needed.

Taking tests during Study Hall is allowed when prior arrangements have been made between parents or teachers and the Study Hall monitor.

One student per table, if there's room.

No cell phone usage is allowed in Study Hall. All cell phones and any type of headphones, Air pods, etc. need to be placed on the teacher table.

We would prefer students not use laptops in study hall, however we understand that some students will have homework that requires the use of a laptop and/or tablet. The student is responsible to present a written permission slip from the parent to the Study Hall monitor prior to usage. Students using a laptop and/or tablet must sit where the monitor can always see the screen. If students are off task, laptop and/or tablet privileges students will receive one warning and after that laptop and/or tablet privileges will be lost in Study Hall.

Students may leave Study Hall one at a time if they need to for a bathroom or water break, they must get permission from the Study Hall monitor and sign out.

Maximum size: 20

Tutoring

Many students' express interest in being tutored individually or in small groups by Brighton Academy teachers. To better serve you, we want to offer that service to you during the school day. Each tutor sets his/her own fees and schedule. Ask at registration or one of the administrative team members during the school year for a list of Brighton Academy teachers offering tutoring services. We will connect you to the teacher of your choice.

We will connect you with the teachers directly for scheduling and questions related to the type of tutoring you would like to receive.