



DasCHE  
Course  
Description  
Catalog  
2017- 2018

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# Art

## **Apparel Sewing I** Lois Bullock

**Grades:** 5th,6th,7th,8th,9th,10th,11th,12th

This class is an introduction to the wonderful world of apparel sewing. The student will learn the basics of sewing clothing through three to four class projects that will result in wearable articles of clothing (skirt, lounge pants, top/simple dress, and apron). For younger students who are not able to go on to Apparel Sewing II because of size, we will add embellishments and/or other slightly more advanced techniques to the patterns used in this class for their second year.

**Class Size Min: 1 Max: 6**

**Course Fee: \$25/month Supply Fee: \$20/year**

## **Apparel Sewing II** Lois Bullock

**Grades:** 6th,7th,8th,9th,10th,11th,12th

This class builds on the techniques learned in Apparel Sewing I. The student will learn more difficult techniques of sewing clothing through two class projects that will result in wearable articles of clothing (skirt or pants, and blouse).

**Class Size Min: 1 Max: 5**

**Course Fee: \$25/month Supply Fee: \$15/year**

## **Art FUNdamentals 1** Laura O'Connor

**Grades:** Kindergarten,1st,5 y/o

Art FUNdamentals 1 will provide your Kinder-1st grader with an education in different art techniques and media. We will read fun art related books, work on BASIC skill building through cutting, pasting, texture, perspective, 2D & 3D images, the color wheel, color mixing, blending and tinting. Your young artist will learn to confidently & independently use scissors, glue, paint, trace templates, etc. They will complete projects throughout the year while exploring various art media like markers, paints, clay, chalk, watercolors, different papers, etc. Your child will have fun exploring different art styles and learning about the art all around them in this fun class!

**Class Size Min: 2 Max: 12**

**Course Fee: \$30/month Supply Fee: \$35/year**

**Art FUNDamentals 2** Laura O'Connor

**Grades:** 1st,2nd,6 y/o

Art FUNDamentals 2 will provide your 1st-2nd grader with a little more advanced art skills education than Art FUNDamentals 1. We will work more on independent skills-building through cutting, pasting, texture, perspective, 2D & 3D images, the color wheel, color mixing, blending and tinting. Your young artist will complete projects throughout the year while exploring various art media like markers, paints, clay, chalk, watercolors, different papers, etc. Your child will have fun exploring different art styles and learning about the art all around them in this fun class!

**Class Size Min: 2 Max: 12**

**Course Fee: \$30/month Supply Fee: \$35/year**

**Art Journaling** Gina Obudo

**Grades:** 3rd,4th,5th

This class will let your creative juices flow. Art and reflections will be combined to create a beautiful journal. We will have pages dedicated to the month that we are in. A sample for the month of September; Write some thoughts about your favorite school subject and illustrate! Copy your favorite apple recipe in your journal. Practice drawing apples. Now make the recipe for dessert! The students will be able to draw and embellish journals with a variety of materials that will be supplied.

**Class Size Min: 4 Max: 10**

**Course Fee: \$25/month Supply Fee: \$25/year**

**Art Lab** Cherie Jenkins

**Grades:** 6th,7th,8th,9th,10th,11th,12th,9 y/o

Offered to students currently enrolled in one of my Elementary, Kaleidoscope or Drawing with Mixed Media classes.

Art Lab is an additional art period where students will have use of the art tools and supplies. There will be no extra art lesson provided, rather, students will be encouraged to work on current art projects that they feel need a little extra time. Also, students will use Art Lab to practice and sharpen current art skills as well as develop their individual art technique. Art Lab will provide a place to complete some projects that students have worked on at home.

**Class Size Min: 1 Max: 8**

**Course Fee: \$15/month Supply Fee: \$15/year**

**Beginning Metal Smithing, Jewelry** Halli Vancil

**Grades:** 9th,10th,11th,12th,13th,14th,15th,16th

Design and create your own jewelry, rings, bracelets, earrings, in a variety of metals. This course is for the novice who has never used a tool before. Covering the basic skills, with hands-on demos, we will explore: sawing, texturing, riveting, soldering and finishing, as well as simple stone setting techniques. Turn your ideas, starting the first day, into wonderful, wearable pieces of art.

**Class Size Min: 4 Max: 8**

**Course Fee: \$45/month Supply Fee: \$100/year**

**Digital Photography** Rhonda Probst

**Grades:** 9th,10th,11th,12th,13th,14th,15th,16th,14 y/o,15 y/o,16 y/o,17 y/o,18 y/o,19 y/o,Adult 20+ y/o

Digital Photography 101

Required Text/Supplies: A SLR digital camera is required with manual settings and built in flash.

**Class Size Min: 5 Max: 12**

**Course Fee: \$35/month Supply Fee: \$40/year**

**Drawing with Mixed Media** Cherie Jenkins

**Grades:** 8th,9th,10th,11th,12<sup>th</sup>

This will be a challenging Art class for 8th through 12th grade students. Drawing techniques will be emphasized as this class is designed to provide the student with an in-depth understanding of drawing skills. This course covers drawing techniques which include rendering in graphite pencil, ink, pastels, and water color pencils. While rendering in visual art and technical drawing, emphasis on the process of formulating, adding color, shading and texturing an image will be our focus. My goal is to help students gain confidence in their drawing skills, learn to enjoy drawing with different mediums, and create gallery worthy art

**Class Size Min: 5 Max: 20**

**Course Fee: \$40/month Supply Fee: \$40/year**



**Elementary Art** Cherie Jenkins

**Grades:** 2nd,3rd,4th,5th

This art class is designed to promote artistic growth through art experiences using many different art techniques. Projects will include various kinds of collage, mosaic, watercolor, chalk and oil pastel, batik, relief sculpture, print making, drawing, sculpting, painting, and weaving. With each project, we will study art elements; line, color, shape/form, and texture. During class students will be introduced to famous artist and their art styles including; Impressionism, Surrealism, Realism, Expressionism, Fauvism, Cubism, Folk art, and Abstract art, to name a few! Students will gain further knowledge in Still Life, Landscape and Portrait compositions.

**Class Size Min:** 5 **Max:** 20

**Course Fee:** \$35/month **Supply Fee:** \$35/year

**Fiber Fun** Naomi Tuning

**Grades:** 4th,5th,6th,7th,8th,9th,10th,11th,12<sup>th</sup>

In this class we will use lots of FIBERS... learn to crochet, understand patterns and complete projects like scarves, headbands, pillows, boot cuffs, water bottle holders, and even afghans! Other fiber projects we will do may include string art, loom knitting, card making (paper is made of fibers) and even some fun pom pom crafts. Gain skills that will enable you to create gifts for just about anyone!

**Class Size Min:** 4 **Max:** 8

**Course Fee:** \$25/month **Supply Fee:** \$35/year

**Kaleidoscope Art** Cherie Jenkins

**Grades:** 6th,7th,8th,9th,10th,11th,12th

In class, art lessons will present art techniques including, collage, mosaic, watercolor, chalk and oil pastel, batik, relief sculpture, print making, drawing, sculpting, painting, and weaving. Students will explore different ways of using art mediums with elements and principles of design. Students will be encouraged to use their own creativity to expand their skills in the art process.

**Class Size Min:** 1 **Max:** 20

**Course Fee:** \$35/month **Supply Fee:** \$35/year

**Look What I Made!** Tracy Dubuisson

**Grades:** 1st,2nd,3rd

This is a class for 6-8 year olds who like to have fun and create their own arts and crafts. For the moms who don't like the mess or have the time while working with your older students to pull out the glitter and glue and let the younger ones 'create'. We will do craft projects with the younger set in mind...I will have a different project each week but they do all the 'work' in making it theirs so there is a confidence and pride in what they make. This year I will have 2 different classes (preK -1st) (1st-3rd)to better match abilities.

**Class Size Min:** 4 **Max:** 10

**Course Fee:** \$18/month **Supply Fee:** \$30/year

**Quilting** Lois Bullock

**Grades:** 4th,5th,6th,7th,8th,9th,10th,11th,12th

Quilting Basic: This class opens the student to the world of quilting through making a traditional quilt. The student will sew quilt blocks that will be combined into one twin or lap size quilt. The student will learn basic piecing & applique; techniques, and if time allows, how to add sashing and borders to complete the quilt top.

Quilting Intermediate: This class continues the student's quilting experience by working with rotary cutting techniques and the option to use a commercial quilting pattern. Those students who didn't complete their quilt from Quilting Basic may use this class to complete their quilt.

**Class Size Min:** 1 **Max:** 6

**Course Fee:** \$25/month **Supply Fee:** \$15/year

**Quilting & Sewing for Beginners** Lois Bullock

**Grades:** 3rd,4th,5th

This quilting class is an introduction to the wonderful world of sewing and quilting. By completing four to five projects over the course of the year, the student will learn the basics of sewing with an emphasis on the techniques needed for continuing on in quilting or apparel sewing.

**Class Size Min:** 1 **Max:** 6

**Course Fee:** \$25/month **Supply Fee:** \$30/year

**Sewing Mixed** Lois Bullock

**Grades:** 5th,6th,7th,8th,9th,10th,11th,12th

This time period is being made available to students and parents who otherwise are unable to participate in an earlier class. Fees and requirements will be the same as for the individual classes, with the exception that this will be a smaller class and students MUST remain at least 10 minutes after the class ends to help me with room clean-up.

Please see Apparel Sewing I, Apparel Sewing II, and/or Quilting for description & fees.

**Class Size Min: 4 Max: 4**

**Course Fee: \$0/month Supply Fee: \$0/year**

## Computer

**Basic Computer Skills** Sarah Shaw

**Grades:** 8th,9th,10th,11th,12th

As a class, we will be creating a fictitious mall, with each student acting as a store owner. Throughout the year, the students will create various advertisements, presentations, budgets, charts, graphs, documents and forms pertaining to their chosen business. Students will learn how to use Microsoft Word, Excel and PowerPoint in diverse ways, a skill that will prove invaluable throughout their scholastic careers and beyond. These are skills every student should have in today's computer-centered society.

**Class Size Min: 4 Max: 20**

**Course Fee: \$25/month Supply Fee: \$10/year**

**Scratch Programming 101** Tanya Kirkland

**Grades:** 4th,5th,6th,7th,8th

This class gets 45 minutes of instruction because of set-up and clean-up - - SCRATCH is a visual programming language that makes it easy to create your own interactive stories, animations, games, music, and art - and share your creations on the web. With it, students will learn important mathematical and computational ideas, think creatively, and reason systematically. These concepts are key to learning any programming language. Starting with Scratch will give each child a solid foundation to a build a future in programming.

**Class Size Min: 8 Max: 18**

**Course Fee: \$20/month Supply Fee: \$0/year**

## Foreign Language

**American Sign Language I** Shelly Barrett

**Grades:** 7th,8th,9th,10th,11th,12th,13 y/o,14 y/o,15 y/o,16 y/o,17 y/o,18 y/o,19 y/o,Adult 20+ y/o

This class will qualify for a Foreign Language credit. The student will learn the grammar/signs/components of American Sign Language. Information about the language and the culture will also be presented. There will be a test given periodically during class to check for comprehension and student's ability to converse in ASL. There will also be homework each week for the student to complete and have ready for the next class. Grades will be given based off the tests and completed workbook assignments and activities.=

**Curriculum:** Signs of the Times Second Edition by: Edgar H. Shroyer ISBN: 978-1-56368-446-3

**Class Size Min: 2 Max: 15**

**Course Fee: \$2/month Supply Fee: \$0/year**

**American Sign Language II** Shelly Barrett

**Grades:** 8th,9th,10th,11th,12th

In this class, students will expand their vocabulary and fluency in American Sign Language. New vocabulary will be introduced during class times. Students will have homework during the week to utilize and memorize what they have learned. Tests will be given to check comprehension. Students will present a signed report about a famous deaf person for a final project. This class covers the second half of the book, Signs of the Times by Edgar H. Shroyer.

**Curriculum:**

**Class Size Min:** 3 **Max:** 20

**Course Fee:** \$20/month **Supply Fee:** \$0/year

**French 1** Angela Phelps

**Grades:** 9th,10th,11th,12th

This class will cover such elements as simple conversation, vocabulary, numbers, conjugated verbs, liason, and elision. We will use BJU's French 1 (Second Edition). Students will need to spend 5-7 hours/week studying/doing assignments=

**Curriculum:** BJU French 1

**Class Size Min:** 4 **Max:** 12

**Course Fee:** \$40/month **Supply Fee:** \$15/year

**French 2** Angela Phelps

**Grades:** 10th,11th,12th

French 2 - Grades 10th-12th Monday/Wednesday class **\*\*THIS IS A 32-WEEK COURSE\*\***

This class continues building on the foundation of vocabulary, grammar, and communication. Some of the chapter topics are: people, animals, clothing and jewelry, French cuisine, and even sports. Learn what it means to be a "francophone" as we understand the influence of the French language around the world.

**Curriculum:** BJU French 2

**Class Size Min:** 4 **Max:** 5

**Course Fee:** \$40/month **Supply Fee:** \$15/year

**Fun w/ Spanish 1** Ana Lopez

**Grades:** Kindergarten,1st,2nd,5 y/o

This class is designed for students grades K-2 with no previous Spanish education. Students do NOT need to know how to read to benefit from this class. At the end of the course, students will have learned basic Spanish words, including family members, greetings, numbers, classroom objects, colors, articles of clothing, party items, parts of the body, feelings, and rooms and objects in a house.

We will be using Espanol para los chiquitos (see <http://www.allbilingual.com>), an interactive course with accompanying CD's which will facilitate the learning process. All necessary materials and textbooks will be purchased for you and are included in the materials fee

**Curriculum:** Espanol Para Los Chiquitos

**Class Size Min:** 3 **Max:** 10

**Course Fee:** \$22/month **Supply Fee:** \$45/year

**High School Spanish 2** Susy Brommers

**Grades:** 9th,10th,11th,12th

Spanish 2 is a course that builds upon the foundation of Spanish 1. Units will focus on continuing to make interdisciplinary connections, drawing comparisons between languages and cultures, using the target language, and building cultural awareness of Spanish-speaking countries around the world. We will focus on all four learning modalities: listening, speaking, reading and writing.

**Curriculum:** ¡Avancemos! by Holt McDougal ¡Avancemos! 2

**Class Size Min:** 4 **Max:** 20

**Course Fee:** \$42/month **Supply Fee:** \$10/year

**High School Spanish I** Susy Brommers

**Grades:** 9th,10th,11th,12th

**\*\*THIS IS A 32-WEEK COURSE\*\***

THIS IS A TWO DAY CLASS. Spanish I is a foundation course for students with little or no experience in the study and use of the Spanish language. Units will focus on making interdisciplinary connections, drawing comparisons between languages and cultures, learning to use the target language, and building cultural awareness of Spanish-speaking countries around the world. We will focus on all four learning modalities: listening, speaking, reading and writing. This class fulfills the requirements for one credit of LOTE (Languages Other Than English). Class will begin two weeks before co-op starts.

**Curriculum:** ¡Avancemos! by Holt McDougal ¡Avancemos! 1

**Class Size Min:** 4 **Max:** 20

**Course Fee:** \$42/month **Supply Fee:** \$10/year

**Intro to French** Angela Phelps

**Grades:** 6th,7th,8th

This class will cover the basics of the French language: simple conversation, counting to 100, memorizing The Lord's Prayer. We will also cover some French history and culture. There will be a few quizzes taken in class. Students will need to spend 3-5 hours/week studying/doing assignments.

**Curriculum:** Hand-outs

**Class Size Min:** 4 **Max:** 12

**Course Fee:** \$27/month **Supply Fee:** \$15/year

## History/Geography

**A DROP in time in Art History** Rhonda Probst

**Grades:** 5th,6th,7th,8th,8 y/o

**Curriculum:** HIGASFY Art History Curriculum

**Class Size Min:** 6 **Max:** 18

**Course Fee:** \$30/month **Supply Fee:** \$40/year

**American Girl Fun** Laura O'Connor

**Grades:** 1st,2nd,3rd,6 y/o

Welcome to American Girl FUN! Your American Girl will travel back in time and discover bravery and commitment to family through the eyes of Kirsten, a Swedish immigrant and her family as they arrive in America and settle on the Minnesota Prairie in 1854. We will read the books together, learn a Bible Verse to go with the theme, have discussions, make crafts, and make learning History FUN! Required texts: None. We will read the books together in class. If you would like to get the Kirsten series books for your daughter to have at home, they are: Meet Kirsten, Kirsten Learns a Lesson, Kirsten's Surprise, Happy Birthday, Kirsten!, Kirsten Saves the Day, and Changes for Kirsten.

**Curriculum:** American Girl Books-Kirsten Series

**Class Size Min:** 4 **Max:** 12

**Course Fee:** \$20/month **Supply Fee:** \$20/year

**American Girl History** Laura O'Connor

**Grades:** 4th,5th,6th,7th,9 y/o

Your American Girl will travel back in time and discover what it was like through the eyes of two girls in the mid-1800s from the American Girl trade; Doll series. Though different, they both demonstrate what it means to be self-reliant, brave, free and dedicated to family. We will read about Kirsten Larson, a Swedish immigrant living on the Minnesota Prairie in 1854. Your student will also discover Addy Walker, a young girl from 1864, born into slavery in the South during the Civil War, who escapes to freedom with her family.

**Curriculum:** American Girl Books: Kirsten & Addy Series

**Class Size Min:** 4 **Max:** 15

**Course Fee:** \$25/month **Supply Fee:** \$25/year



**American History** Lori Newmann, Dana Opper

**Grades:** 9th,10th,11th,12th

This 1 hour class is designed as an interactive discussion time for American History for High School homeschoolers. Through class lectures and group discussions centered on assigned readings, videos, art, map study and timelines, Lori and Dana will bring their passion and considerable wit to everyday life as they dig deep into the history and pull back the curtain on current events, or as they like to say, “the evil plot to destroy America.” Their viewpoint will entice students to delve for greater understanding and truth in these uncertain days. The tutors’ politically incorrect perspective will assist students in developing a solid chronological and thematic foundation as well as a basic understanding of the cultural, social and political climates that have impacted and shaped their own history. In addition to studying the United States Presidents and gaining a general knowledge of their key accomplishments, students of this course will examine the Constitutional Amendments and the impact they have on their daily lives. As a result students should be prepared to experience the exhilaration of conversing with the likeminded over substantive relevant issues as students will most assuredly be able to stand tall and competently defend the reason transgender bathrooms are not the answer to our current constitutional issues.

**Curriculum:** United States History (BJU Press), The Witch of Blackbird Pond, Johnny Tremain, Rifles For Watie, Up From Slavery, Number the Stars, To Kill A Mockingbird

**Class Size Min:** 1 **Max:** 40

**Course Fee:** \$27/month **Supply Fee:** \$20/year

**Ancient Civilizations** Mireya Alvarez

**Grades:** 6th,7th,8th

Ancient Civilization is for those 6th-8th graders that are ready to explore part of world history, but not quite ready for High School World History. In this class, we will review the major ancient civilizations that had a major impact on the world, along with scriptures. We will be covering Creation & the Flood, The Rise of Civilization, Egypt & the Exodus, The Children of Israel, Assyria & Babylon, The Persians & Medes, Greece & the Hellenists, The Rise of Rome and Jesus Christ, Immanuel. This class will have individual projects and group projects. Also, students will have weekly homework.

**Curriculum:** Ancient Civilizations & the Bible Ancient Civilizations & the Bible Student Manuel

**Class Size Min:** 3 **Max:** 15

**Course Fee:** \$25/month **Supply Fee:** \$35/year

**Around the World** Mireya Alvarez

**Grades:** 4th,5th,6th

Around the World is an one-hour weekly unit study course that will give students a glimpse of what to expect in High School World Geography. Around the World is a lecture and hands-on world geography curriculum that covers 31 countries across the world. Students will be introduced to the World Map, 7 Continents, 5 Oceans, Longitude & Latitude Coordinates, Equator, Prime Meridian, Tropics, 7 Wonders of the World, people, cultures, climates, try new foods and much more. This class will have 3 individual projects during the year.

**Class Size Min:** 3 **Max:** 15

**Course Fee:** \$25/month **Supply Fee:** \$35/year

**Film History** Joe Hall

**Grades:** 7th,8th,9th,10th,11th,12th

This introduction to film appreciation uses both contemporary and classic movies to help students develop critical skills in the analysis and evaluation of film. By suggesting what to look for and how to look for it, students will be challenged to sharpen their powers of observation, establish habits of perceptive watching, and discover complex aspects of film art that will further enhance their enjoyment of watching films. In addition, students will also gain knowledge of the history of cinema, covering the development of different genres worldwide. The student will watch one film a week and complete critical-thinking assignments based upon it. Weekly 1-page film reports.

**Class Size Min:** 5 **Max:** 12

**Course Fee:** \$30/month **Supply Fee:** \$0/year

**Govt/Economics** Angela Phelps

**Grades:** 11th,12th

This is a 32-week, Mon/Wed class, beginning in August. The fall semester covers the basic principles of government in America, including a study of the U.S. Constitution. The spring semester covers the basic principles of economics, especially regarding the choices that individuals and societies make and the benefits of a free enterprise economy.

**Class Size Min:** 4 **Max:** 20

**Course Fee:** \$32/month **Supply Fee:** \$10/year

**Heroes Among Us - Medal of Honor** Kim Rimmer

**Grades:** 7th,8th,9th,10th,11th,12th

This class will explore the important concepts of courage, commitment, sacrifice, patriotism, integrity, and citizenship, and how these values can be exemplified in daily life. This will be accomplished utilizing the oral histories of Medal of Honor Recipients and Citizen Heroes. This class is a cross-disciplinary course that will incorporate American History, English, Fine Arts, and Good Citizenship/Civics. Class time will be spent in presentation of oral histories of various Medal of Honor recipients, class discussion and activities, presentation of projects, and creating timelines/maps. We will be using the curriculum from the Congressional Medal of Honor Foundation &ndash; Medal of Honor: Lessons of Personal Bravery and Self-Sacrifice. This is a 32-week class

**Curriculum:** Medal of Honor: Lessons of Personal Bravery and Self-Sacrifice None

**Class Size Min:** 4 **Max:** 10

**Course Fee:** \$30/month **Supply Fee:** \$0/year

**J/H American History** Dana Opper

**Grades:** 6th,7th,8th

This class will emphasize significant time periods in US history such as the Colonial and Revolutionary Period, Civil War and Reconstruction, Industrial Revolution, Progressive Era, Wars of the 20th Century, Modern Era (1945-present day) The students will learn the 50 states, Constitutional Amendments and the Presidents. There will be map work as well as 4 literature books accompany the time periods being studied.

**Curriculum:** America Land That I Love -- ABeka-- will be used as a resource book. There will be 6 literature books that accompany the time periods being studied.

**Class Size Min:** 1 **Max:** 30

**Course Fee:** \$27/month **Supply Fee:** \$20/year

**Middle Eastern Trek** Kim Rimmer

**Grades:** Kindergarten,1st,2nd,3rd

This class is a very hands-on class for Grades K-3. We will mount our camels&rdquo; and travel throughout the Middle East learning about the culture of different countries across the Middle East. All of our assignments will be completed in class.

**Class Size Min:** 4 **Max:** 10

**Course Fee:** \$25/month **Supply Fee:** \$0/year

**Road Trip USA** Mireya Alvarez

**Grades:** 4th,5th,6th

Road Trip U.S.A. is an one-hour weekly unit hands-on study course that will take students on a journey from coast to coast discovering the 5 regions of our nation. Students will not only learn U.S. Geography, they will learn and comprehend how longitude & latitude coordinates is a major key in finding a location. Also students will be introduced to U.S. History, from the signing of the Declaration of Independence, to the Wild West. We will also discover together our 50 states and our nation wonderful and gorgeous landmarks like Plymouth Rock, the Statue of Liberty, the Gateway Arch, the Grand Canyons and much, much more!! This class will be a great introduction to major historical events like the Declaration of Independence, the Constitution, Revolutionary War, Civil War, Underground Railroad, the journey of Lewis & Clark and life on a chuck wagons going west. This class will have projects and a test after we complete each region.

**Curriculum:** NATIONAL GEOGRAPHIC United States Encyclopedia America's People, Places, and Events

**Class Size Min:** 3 **Max:** 15

**Course Fee:** \$25/month **Supply Fee:** \$35/year

**Texas History** Naomi Tuning

**Grades:** 5th,6th,7th,8th,9th

In this class, we will spend the year discovering the rich history of the great state of Texas. The course is presented in a newspaper format. Students will receive a newspaper each week that explores Texas development in chronological order. The reading is light and interesting and will spark great class discussions. We will play fun TX themed games. Much of the reading and written work throughout the newspaper will be done together in class. The students will have weekly Reaction Time questions to answer as homework.

**Curriculum:** My Texas

**Class Size Min:** 4 **Max:** 12

**Course Fee:** \$25/month **Supply Fee:** \$30/year

**World Geography** Mireya Alvarez

**Grades:** 9th,10th,11th,12th

This course will investigate the geography, history, culture, politics, economies and current events of regions and countries around the world. Students will also study some of the global challenges people face today such as air and water pollution, excessive garbage, finding alternative energy sources, water dams, desertification, and extreme temperature survival in remote areas. Upon satisfactory completion of this course, students will earn one credit of High School Geography.

**Curriculum:** BJU Cultural Geography, 4th ed, by Dennis Bollinger, ISBN:978-1606826195 or 978-1606824993, New \$55, Bargain \$37 (Could also use 3rd edition if cost is prohibitive. It is MUCH cheaper)

**Class Size Min: 3 Max: 30**

**Course Fee:** \$32/month **Supply Fee:** \$35/year

**World History 3** Margaret Donnelly

**Grades:** 6th,7th,8th,9th,10th

World History 3 is a classical, Christian worldview multi-subject course covering the history of the Renaissance, the Reformation, and the Growth of Nations.

Note: This class will start TWO weeks early on Wednesday, August 23, 2017

This is a unit study course covering the time from the Renaissance/Reformation through the Growth of Nations. It is designed for junior high and early high school students. Over the year, students will read several literature selections and examine a number of works by various authors of the time. We will learn about the development of many cultures and significant people who lived during this era. Homework will include: reading from the textbook, weekly research activities, literature reading, and related book study handouts, vocabulary words, map work, timeline work, and watching several movies during the year. Each student will present two research reports/projects (one each semester) on topics of his/her choice. During the weekly class time, the teacher will lecture on the subject matter, quiz / test students, facilitate discussions, lead games, and provide time and supplies to complete craft projects as appropriate.

**Curriculum:** Mystery of History Volume 3 Mystery of History Volume 3

**Class Size Min: 5 Max: 14**

**Course Fee:** \$40/month **Supply Fee:** \$15/year

**World History Survey** Kim Rimmer

**Grades:** 9th,10th,11th,12th

This is a 2-hr, 32-week class. It will begin two weeks before co-op begins.

This class will be an intensive study of World History from creation to present day. This is a one-year course which will incorporate World History, English, and Bible. Class time will be spent in discussion of reading/writing assignments, presentation of projects, creating timelines/maps as well as taking quizzes/exams. We will be using three textbooks as well as reading literature that may be found at the local libraries or from a local bookstore. Students will be required to do the reading assignments as well as completing any classroom assignments at home. Students will spend at least 10 hours each week completing assignments at home. Each student will earn 1 high school credit for World History, English (literature and composition), and Bible.

**Curriculum:** Exploring World History by Ray Notgrass

**Class Size Min:** 4 **Max:** 10

**Course Fee:** \$30/month **Supply Fee:** \$0/year

## Language Arts

**Advanced Writer's Workshop** Georgia Fitzhugh

**Grades:** 6th,7th

Students will develop their writing skills by writing paragraphs, a short mystery story, a persuasive essay, a researched report, and poetry. Students will learn about basic library research and report formats. Topics such as subject-verb agreement, sentence types, and outlining will be taught. It is recommended that the parent teach a grammar program at home. Course objectives for this class are available for examination.

**Curriculum:** Kids Write Right Kids Write Right by Jan Venolia

**Class Size Min:** 3 **Max:** 10

**Course Fee:** \$33/month **Supply Fee:** \$15/year

**American & British Literature** Rebekah Harris

**Grades:** 10th,11th,12<sup>th</sup>

This will be a challenging, college-prep English class, for 10th through 12th grade students, ages 15-18. We will study American Literature the first semester and British Literature the second semester. We will incorporate the elements of reading with writing, vocabulary and discussion. Class time will be used for lectures and class discussions of the various literary genres and authors that we will be reading. In addition to the text, we will read up to three (3) books by American authors and up to three (3) books by British authors. Novel projects will be completed over each novel read. There will be tests given and active reading notes taken over the readings. Students will have vocabulary study, varying with the individual book, or text lists. Students will be expected to write some papers/essays, of varying lengths and type, displaying their knowledge of the material and demonstrating their critical thinking and analysis skills.

**Class Size Min:** 4 **Max:** 12

**Course Fee:** \$40/month **Supply Fee:** \$0/year

**Beg HS Composition & Grammar** Johanna Thatcher

**Grades:** 8th,9th,10th

This class will begin with teaching the students basic writing processes and continue through many styles of writing including basic essays, fiction, poetry, and research writing. Emphasis will be placed on the style of writing required in the TSI, SAT, and other college entrance exams. The goal of this class is to prepare each student to excel in the basic composition classes all college students are required to take. The only way to improve writing skills is to write, write, and write some more. To this end, students should expect to do some writing each day outside of class. Students will study and evaluate writing samples (from professionals and peers) in order to further develop their own writing style. Students will also complete the Winston Grammar Advanced Level workbook in this class. This curriculum assumes that students beginning this book have already mastered basic grammar, and due to limited instruction time, basic grammar will not be taught. Any student who needs additional instruction in grammar or who has not mastered the parts of speech, phrases, clauses and punctuation will find the grammar in this class to be difficult and is strongly encouraged to concurrently register in High School Grammar Lab (an online-only class) to achieve mastery in basic grammar. Please read the syllabus (link below) for full class information.

The supply fee for this class covers the printing costs of a teacher generated textbook and a grammar book which I purchase, both of which will be distributed the first day of class. I recognize that this requires a supply fee that is higher than some, but the entire amount is spent on the student.

**Curriculum:** Writers INC : A Student Handbook for Writing and Learning (2005 ed.) by Sebranek, Kemper, Meyer, and Krenzke

**Class Size Min:** 4 **Max:** 15

**Course Fee:** \$40/month **Supply Fee:** \$40/year

**Beginning Writers' Workshop** Georgia Fitzhugh

**Grades:** 4th,5th

Students will begin with writing simple sentences. A brief overview of parts of speech will be presented. Students will practice punctuation. They will develop paragraphs of various kinds before progressing to writing short stories, poetry and a fiction book report. They will learn about types of literature, the elements of a story, punctuation, and basic reference skills. Course objectives for this class are available for examination.

**Curriculum:** Kids Write Right by Jan Venolia, ISBN 1582460280, as a reference text to be purchased by parent. Costs about \$12 - Rental books may be available from the teacher for \$9.

**Class Size Min:** 3 **Max:** 10

**Course Fee:** \$33/month **Supply Fee:** \$15/year

**Book Club** Stephanie Walle

**Grades:** Kindergarten,1st,2nd,3rd,5 y/o,6 y/o,7 y/o,8 y/o

The goal of this class is to create a love of reading and an appreciation for a well-written story. Through the study of literature, this class will touch on history, geography, art, Bible, science, and language arts. We will read and discuss our story as a class, and then copy a sentence from our story to illustrate. The illustration books will be sent home at the end of the year. We will complete projects, activities, and play games during class that pertain to our story's location or culture. We will use the Bible as our compass to critique character's behavior and broaden our world through books. The desired outcome of this class will be to engender a life-long love of reading.

**Class Size Min:** 4 **Max:** 12

**Course Fee:** \$22/month **Supply Fee:** \$10/year



**Essay Lab for TSI/ACT/SAT/College Prep** Tamara Lee

**Grades:** 10th,11th,12th

This class is designed to encourage and equip students to write better essays for the TSI (for community college/dual credit college entrance) and for the ACT/new SAT (for \$cholarships!). These essay skills will also prepare students for writing papers in college or career situations. Techniques, tips and lots of practice will fill our class time. The class is designed to allow focused individual tutor/student time to review essays, while other students are productively occupied with writing and vocabulary assignments.

In class, a writing skill, tip or style will be presented and students will then practice the new or reviewed skill by writing from an essay prompt. While I am working with individuals, vocabulary work in Wordly Wise will keep students occupied and building up writing, reading and test taking skills. Essays will be written every other week, with the other weeks used for vocabulary and essay review with tutor.

**Curriculum:** Wordly Wise 3000, Book 10

**Class Size Min:** 6 **Max:** 14

**Course Fee:** \$32/month **Supply Fee:** \$5/year

**Fancy Nancy Vocabulary Class** Naomi Tuning

**Grades:** Kindergarten,1st,2nd,3rd,6 y/o,7 y/o,8 y/o,9 y/o

Girls will build their vocabulary thru reading Fancy Nancy books, reading a different book each week of class, do fun activities that go along with the stories, and make a personalized “fancy words” binder that will have word lists added to each week of class. We will play Fancy Nancy board and card games, and make many fun crafts like tiaras, bracelets, bookmarks, etc. There will be a pajama day and multiple tea parties.

**Class Size Min:** 4 **Max:** 12

**Course Fee:** \$22/month **Supply Fee:** \$25/year

## **High School English, Year A** Johanna Thatcher

**Grades:** 9th,10th,11th,12th

This class is intended to follow Beginning High School Composition and Grammar and is for any year of high school English credit (English I-IV). The class will cover writing, grammar, and literature. Students will do weekly reading with some weekly assignments over either the literature or a grammar concept. Students will complete a paper once every three to four weeks. Students registering for this class must already know how to write a well-developed 5-paragraph essay. A student who has not successfully completed a writing course with me (80% or higher) will be required to submit an essay before his registration is complete. The literature content will change on a two-year schedule so that this class could be taken twice for high school credit. As this is an intermediate level class, basic grammar will not be taught in this class, and students are expected to already have a mastery of the parts of speech, phrases, clauses, verbals, and punctuation. If a student is still needing additional instruction in these areas, he is strongly encouraged to concurrently enroll in High School Grammar Lab (an online-only class) to achieve mastery in basic grammar. A student who has not already achieved mastery in these areas will find the intermediate level grammar in this class frustrating.

The main textbook for this class will be a High School English Student Pack I have written. The cost of this book will be covered in the supply fee and the book will be distributed the first week of class. Other required textbooks are Mythology: Timeless Tales of Gods and Heroes by Edith Hamilton (ISBN-10: 0446574759 ), and 100 Best-Loved Poems (Dover Thrift Editions) by Philip Smith, and Grammar for High School: A Sentence-Composing Approach, A Student Worktext by Don and Jenny Killgallon (ISBN-10: 0352010463). Students will also be required to either purchase or borrow the novels we read. A complete list with dates needed will be distributed at. Though not required, I recommend the book, Writers INC: A Student Handbook for Writing and Learning (2006 ed.) by Sebranek, Kemper, Meyer, and Krenzke (ISBN 978-0669529944) for help with writing essays. Other required supplies are: loose leaf notebook paper, pencil/pen, and a folder or small notebook. These supplies should be brought to class weekly. Please read the course syllabus (in link below) for full class details.

Please note that the entire supply fee for this class is used for the printing of the High School English Student Pack that is distributed the first week of class. I recognize that it is a large fee, but it is spent entirely on the student.

**Curriculum:** Mythology: Timeless Tales of Gods and Heroes by Edith Hamilton; 100 Best-Loved Poems (Dover Thrift Editions) by Philip Smith; various novels

**Class Size Min:** 4 **Max:** 15

**Course Fee:** \$40/month **Supply Fee:** \$25/year

## **High School Grammar Lab** Johanna Thatcher

**Grades:** 9th,10th,11th,12th,14 y/o,15 y/o,16 y/o,17 y/o,18 y/o,19 y/o,Adult 20+ y/o

This is an ONLINE ONLY class. Students will be REQUIRED to attend class once a week by video conference. In order to complete this class, students must have access to a computer with a web-cam and Internet access. This class is only grammar and can count as a  $\frac{1}{2}$ ; credit elective or as  $\frac{1}{2}$ ; of an English credit on the high school transcript.

High School Grammar Lab is an ONLINE-only class designed to enhance the grammar skills of high school students who need additional instruction and help mastering English grammar. It is recommended for students who have either not completed a formal grammar class, or who have not mastered grammar through the completion of a formal grammar class, or for students whose main deductions in writing assignments tend to be for grammatical errors. This class can be taken concurrently with any high school English class to provide additional instruction that cannot be achieved with the limited instruction time in a co-op model. It is open to all students grades 9-12, as well as any 8th grade students who are also enrolled in my Beginning HS Composition and Grammar class. Each student will be given log-in information to an online grammar program with lessons, exercises, quizzes, and tests. (Students will need access to a computer and the Internet to complete their assignments.) During the weekly video conference time, I will teach the grammar concept for the week and walk students through practice exercises, answering any questions students have. Then students will complete the corresponding section online before the video conference the following week. All eight parts of speech will be covered as well as sentence parts, phrases, clauses, troublesome words, capitalization, and punctuation. We will spend approximately two weeks on each unit, and students will complete a pre-test, copy work and exercises, quizzes, and a post-test for each unit. If a student taking this class concurrently with another one of my English classes finds the grammar work in the other class overwhelming, I can work to create a reduced schedule until the concepts are easier for the student. Although this class is completed online, there will be one required in-person class at the beginning of the year so that I can hand out textbooks and meet the students (and parents!) face to face.

Please note: The supply fee for this class covers the printing costs of the teacher created textbook that will be distributed on week one, as well as a subscription to the English Grammar 101-course site. Please note that the entire supply fee is spent on the students.

**Curriculum:** English Grammar 101 supplied by the tutor

**Class Size Min:** 4 **Max:** 30

**Course Fee:** \$28/month **Supply Fee:** \$25/year

**HS Comp & Grammar** Rebekah Harris

**Grades:** 9th,10th,11th,12th

This is a practical writing course. Writing techniques will be addressed, including style, tone and voice to name a few. Grammar will be approached from the standpoint that grammar is essential to get one's point across. It is a means to an end; therefore, we will focus on grammar as a way to improve writing clarity not on diagramming sentences. The first semester we will work on essays?descriptive, narrative, expository, critical and persuasive. We will also go over the SAT writing segment, including many timed practices. The second semester we will continue to hone writing skills with the major project being a research paper. Of particular importance in the second semester: note taking, outlines, summarizing, research skills and bibliographies. - - Homework: 3-4 hours a week

**Curriculum:** A Beka Book A Beka Book Handbook of Grammar & Composition Fifth Edition

**Class Size Min:** 2 **Max:** 20

**Course Fee:** \$40/month **Supply Fee:** \$0/year

**IEW: All Things Fun & Fascinating** Joezette Williams

**Grades:** 3rd,4th,5th

This course will introduce students to writing through comical characters, amazing animals, and praiseworthy people of history. We will cover units 1-7 of IEW's Structure and Style Writing Program. Students will learn to take notes from the source text, summarize narrative stories, write from pictures, create mini-research report, and compose essays. The objective is to teach students to write well, think clearly, communicate effectively, to distinguish good writing, and above all, to grow the student's love for writing.

Required Text: All Things Fun and Fascinating by Lori Verstegen, 2nd Edition (Institute for Excellence in Writing), cost \$29.00.

**Curriculum:** Institute for Excellence in Writing All Things Fun & Fascinating, Second Edition

**Class Size Min:** 6 **Max:** 12

**Course Fee:** \$35/month **Supply Fee:** \$15/year

**IEW: US-History Based Writing Lessons** Joezette Williams

**Grades:** 6th,7th,8th

Follow the course of U.S.history from the Explorers to the Gold Rush while learning to learning to write with structure and style. Your student will cover units 1-9 of the IEW's Structure and Style Writing Program. Students will learn to take notes from a source text, summarize narrative stories, summarize references, write from pictures, create mini-research reports, write essays and compose critiques. The objective is to teach students to write well, think clearly, communicate effectively, to distinguish good writing and above all to grow your student's love for writing.

**Curriculum:** Institute for Excellence in Writing US-History Based Writing Lesson Student Workbook, Third Edition

**Class Size Min:** 6 **Max:** 12

**Course Fee:** \$35/month **Supply Fee:** \$15/year

**Int Writer's Workshop** Georgia Fitzhugh

**Grades:** 5th,6th

Students will spend several weeks on each of these general topics: sentence and paragraph development, letters, poetry, creative writing/story development, basic reference skills, and report writing. Students will write a book report on a biography book. They will also write a brief researched paper. A brief review of grammar and sentence parts will be covered, but it is recommended that parents use a grammar program at home. Course objectives for this class are available for examination.

**Curriculum:** Kids Write Right Kids Write Right by Jan Venolia

**Class Size Min:** 4 **Max:** 10

**Course Fee:** \$33/month **Supply Fee:** \$15/year

**J/H Literature and Composition** Joe Hall

**Grades:** 7th,8th

The emphasis in this course will be on reading/Comprehension, Literature, Composition and Vocabulary. We will be using A Beka's Of People as a textbook, besides reading a variety of books (some of them will be the same ones required for the history classes), short stories and poetry. The students will have reading assignments for each week. We will review simple analysis and literary terms. Composition will include paragraphs, outlines, book reports, short essays and a short story. Vocabulary will be taken from the material the students read, from current news events, and there will be weekly vocabulary quizzes.

**Curriculum:** Themes in Literature, Abeka Of People, Quiz and Test booklet, assigned novels

**Class Size Min:** 4 **Max:** 12

**Course Fee:** \$34/month **Supply Fee:** \$0/year

**Junior Great Books** Gina Obudo

**Grades:** 4th,5th,6th

Using a combination of short stories and chapter books, we'll kick back and enjoy some good stories. Along the way, we'll discover plenty of new vocabulary, and informally examine literary devices such as foreshadowing, character development, and suspense. Special attention will be given to why certain descriptive passages evoke our imaginations, and how a story map works. Literature will be selected based on student interest.

**Curriculum:** Junior Great Books Anthology,

**Class Size Min:** 3 **Max:** 8

**Course Fee:** \$25/month **Supply Fee:** \$10/year

**Learning to Read** Priscilla Sotelo

**Grades:** Kindergarten,4 y/o,5 y/o,6 y/o,Pre-Kindergarten

Learning to read is a class that teaches initial phonetic sounds which we approach through multiple senses. Class will consist of a reading card deck, reading centers and reading activities. I will provide a notebook with homework that reinforces what your child learns each week.

**Class Size Min:** 2 **Max:** 6

**Course Fee:** \$22/month **Supply Fee:** \$25/year

**Let's Read** Priscilla Sotelo

**Grades:** 1st,2nd,6 y/o,7 y/o,8 y/o,9 y/o

This class teaches initial phonetic sounds which we approach through multiple senses. Let's Read is for readers who are in the beginning levels of reading. Class will consist of a reading card deck, reading centers and reading activities that reinforce what we learn each week. Your child will have a notebook with homework which will be a word list for coding, reading and fluency.

**Class Size Min: 2 Max: 6**

**Course Fee: \$25/month Supply Fee: \$25/year**

**Literature Pockets Nursery Rhymes** Ana Lopez

**Grades:** 1st,2nd,3rd

**Class Size Min: 3 Max: 6**

**Course Fee: \$0/month Supply Fee: \$0/year**

**Middle School Complete Grammar** Johanna Thatcher

**Grades:** 6th,7th,8th

This class is designed to provide the student with an in-depth understanding of English grammar. At the end of this course, students should be able to identify each part of speech and understand its use in the English language, recognize and create proper sentences, and analyze and edit written texts in order to make them clear, concise, and correct. The goal of this class is not mindless repetition and exercise, but rather to give students the tools they need to understand and enjoy written and spoken English, as well as to achieve a mastery of English grammar and usage. Please read the course syllabus (in link below) for full class details.

The supply fee for this course is used to cover the costs of printing a teacher generated text that will be distributed to students the first day of class and to purchase a test booklet for each student. I recognize that this creates a supply fee that is higher than some, but the entire fee is spent on the students.

**Curriculum:** Easy Grammar Plus Student Workbook, \$20

**Class Size Min: 4 Max: 20**

**Course Fee: \$35/month Supply Fee: \$35/year**

**Phonics Games** Stephanie Walle

**Grades:** Kindergarten,1st,2nd,3<sup>rd</sup>

This is a reading class focusing on phonics, utilizing the Phonics Game card game program. We will also utilize the Learning - Palettes from Usborne Books and More to help introduce and/or reinforce phonics. We will learn the phonics rules by playing card - games. We will complete reading comprehension and other activities. I look forward to serving you and your child this year as we - learn together

**Curriculum:** Learning Palettes from Usborne Books

**Class Size Min:** 4 **Max:** 10

**Course Fee:** \$25/month **Supply Fee:** \$10/year

**Shakespeare I** Tamara Lee

**Grades:** 9th,10th,11th,12th

This Shakespeare I class has been very popular among students at my other co-op for years now! Students remarkably turn out to LOVE Shakespeare! We read and learn about six plays--watch out for laughter, gasps and groaning. Using tutor provided copies of "No Fear Shakespeare", reading from both original and translation, we will divide parts, read-aloud and enjoy getting to know the witty tongue and wonderful stories of the bard. Add drama if you will, (a Scottish accent adds some fun to MacBeth!) ,improve your reading out loud, and have a better understanding of a great playwright and literature. We will be enriched reading Julius Caesar, Midsummer Night's Dream, MacBeth, Romeo & Juliet, As You Like It, and Hamlet. Homework will be moderate,(less than one hour per week), including some home reading, history of the man and times, and some artistic journaling. No book purchases necessary. Parental discretion advised, as content of Shakespeare includes some mature themes and PG-13 language!

**Curriculum:** No Fear Shakespeare None/tutor provided

**Class Size Min:** 5 **Max:** 10

**Course Fee:** \$27/month **Supply Fee:** \$20/year



**Speech** Gina Obudo

**Grades:** 9th,10th,11th,12th

This class is intended to make students into confident and competent speakers. Students will observe and evaluate the speech preparations of Ronald Reagan, Churchill, Teddy Roosevelt, Billy Graham, Martin Luther, Abraham Lincoln, and Patrick Henry. Reports on these men will comprise 40% of the overall grade. The rest of the class will consist of preparing, making, and evaluating the students' own 6 speeches.

**Curriculum:** Secrets of Great Communicators (SGC), by Jeff - Myers

**Class Size Min:** 4 **Max:** 10

**Course Fee:** \$33/month **Supply Fee:** \$0/year

**Spelling Improvement I** Georgia Fitzhugh

**Grades:** 2nd,3rd,4th,5th

Spelling Improvement is a class for students in grades 2 to 5 who experience mild difficulty in spelling. The Test of Written Spelling will be administered to all students to assess knowledge. Lessons will be based on student levels and class needs. This course will emphasize phonetic spelling instruction based on the Orton-Gillingham-Slingerland methods, which is the basis of the Dyslexia Training Program. Phonograms, which are letter and sound combinations, will be taught visually and auditorily. Spelling words will be drawn from phonetic lists and from common word lists. Students will learn manuscript and cursive writing.

**Class Size Min:** 3 **Max:** 6

**Course Fee:** \$33/month **Supply Fee:** \$18/year

**Spelling Improvement II** Georgia Fitzhugh

**Grades:** 3rd,4th,5th,6<sup>th</sup>

Students who take this course must have taken Spelling Improvement I or be able to score at a third grade level or above on the Test of Written Spelling. The course will emphasize phonetic spelling and cover digraphs, trigraphs, syllable division rules, suffixes, and words of foreign origins. Students will learn lowercase and uppercase cursive writing. Spelling instruction will be based on Orton-Gingham-Slingerland methods.

**Class Size Min:** 3 **Max:** 6

**Course Fee:** \$33/month **Supply Fee:** \$15/year

**World Literature and Composition** Angela Phelps

**Grades:** 10th,11th,12th

This class will cover various forms of literature along with various assignments of writing. There will be in-class discussions and literary analysis. We will use A Beka's World Literature (Fourth Edition) book for general literature studies; we will also read Homer's Iliad and also Odyssey, which can be obtained at the library or bookstores. Quizzes will be taken in class; most tests will be sent home. Students will need to spend 4-5 hours/week studying/doing assignments.

**Curriculum:** A Beka World Literature, Fourth Edition

**Class Size Min:** 4 **Max:** 12

**Course Fee:** \$32/month **Supply Fee:** \$15/year

## Math

**Algebra 1** Debbie Dooley

**Grades:** 8th,9th,10th,11th,12th

Topics covered in this fully-comprehensive Algebra 1 course include adding, subtracting, multiplying and dividing with powers and roots, scientific notation, solving linear equations and inequalities in one variable, rate, work and mixture word problems, simplifying and factoring polynomials, rational expressions, adding, subtracting, solving quadratic equations by factoring, completing the square, and using the quadratic formula, graphing linear equations, slope, graphing higher-degree equations, solving systems of two linear equations in two variables graphically and algebraically, solving inequalities in one variable, graphing two-variable inequalities, functions, absolute value equations, mean, median, mode, range, stem and leaf plots, box and whisker plots, histograms, and probability including tree diagrams.

Class will begin two weeks before co-op starts.

**\*\* THIS IS A 32-WEEK COURSE \*\***

**\*\* THIS COURSE MEETS TWICE PER WEEK \*\***

**Curriculum:** Teaching Textbooks Teaching Textbooks Algebra 1 - 2.0 (textbook and answer key only)

**Class Size Min:** 4 **Max:** 25

**Course Fee:** \$50/month **Supply Fee:** \$15/year

**Algebra 2** Debbie Dooley

**Grades:** 9th,10th,11th,12th

Algebra II covers a second year course building on Algebra I. Topics include solving first-degree, second-degree and higher-degree equations, simplifying and solving fractional and rational equations, simplifying and solving equations involving exponents, roots, imaginary, irrational and complex numbers, solving systems of equations and inequalities, functions and logarithms, and statistics and probability. Class will begin two weeks before co-op starts.

**Curriculum:** Teaching Textbooks Teaching Textbooks, Algebra 2 2.0

**Class Size Min:** 4 **Max:** 25

**Course Fee:** \$50/month **Supply Fee:** \$15/year

**Fractions, Decimals & Percents, Oh My!** Margaret Donnelly

**Grades:** 6th,7th,8th,9th

This is a math class focusing on the three higher level concepts needed to prepare a student to be successful in pre-algebra and algebra: fractions, and decimals, and percent. These concepts are of course closely related to each other, and my goal in this class is to help your student master each of them and to be confidently ready to tackle upper level math. If time allows, at the end of the year, we will also touch on other concepts, such as: converting measurements, finding area and volume, and solving some basic algebraic equations. We will learn these skills through interactive lessons and notebooks, games, worksheets, and timed tests. This class is a supplement to your curriculum at home, so homework will be minimal. I highly recommend that your student continues to practice their multiplication tables often at home, as a complete mastery of multiplication is a must for algebra. In order to be certain that this class is the right fit for your student, I have developed an assessment test and a scoring scale to help me determine your student's ability level in this area of math. Please email me directly and I will send you the test and more information. My goal is to partner with you to help your student have a successful year of mathematics.

**Class Size Min:** 4 **Max:** 12

**Course Fee:** \$28/month **Supply Fee:** \$10/year

**Geometry** Sarah Shaw

**Grades:** 9th,10th,11th,12th

THIS IS A 32-WEEK COURSE

This class will meet every Wednesday and will have an online class every other Monday. The Monday class will be recorded so students may “attend” live or view the class at a later time. Geometry covers all the topics in a high school level course. A constructive approach will be taken, using what students already know about visual geometry to help them understand the very fundamental ideas of point, line and plane in space. SAT and ACT prep math is included in this course. Class will begin two weeks before co-op starts.

**Curriculum:** Teaching Textbooks Teaching Textbooks Geometry, Version 1 or Version 2

**Class Size Min:** 2 **Max:** 20

**Course Fee:** \$50/month **Supply Fee:** \$10/year

**Math for Business and Life** Sarah Shaw

**Grades:** 10th,11th,12th

“When am I ever going to use this?” You won’t be hearing these words when your student is enrolled in Math for Business and Life! This course covers math skills as they apply to business and “real life.” The course starts with a review of basic mathematics skills as they apply to business. In the second section of the course, students will learn about banking and investments, loans and credit, and home, car and insurance expenditures. In the third section of the course, students will learn about mathematics related to retailing, purchasing, management, payroll and bookkeeping.

Our time in class on Wednesdays will be spent discussing the main ideas covered in the text, but additional instructional material may be provided to the students via recorded lessons.

**Curriculum:** Barron's E-Z Business Math

**Class Size Min:** 3 **Max:** 20

**Course Fee:** \$30/month **Supply Fee:** \$10/year

**Math Games** Stephanie Walle

**Grades:** Kindergarten,1st,2nd,3<sup>rd</sup>

This is a Montessori style class. We will have a circle time each week where we learn a new math concept every two weeks, We will sing and then play games having to do with that particular concept. Topics to be touched on: place value, fractions, money, basic geometry,addition, subtraction, multiplication, and division. We will utilize tangrams, geoboards, card games and books to help teach basic math concepts. Students will break into groups and play games after a circle time.

**Curriculum:** Each family is required to purchase on-line the Rocking the Standards CD. This can be purchased through the following website. - -

<http://www.rockinthestandards.com/site/pages/store/math-album.php> - - This is a mandatory purchase of \$10.

**Class Size Min:** 4 **Max:** 20

**Course Fee:** \$25/month **Supply Fee:** \$10/year

**Math Lab for TSI/ACT/SAT** Sarah Shaw

**Grades:** 10th,11th,12th

In this activity-based math lab, students will learn to solve SAT-type math problems in clever and efficient ways, so they will spend less time on each problem and have a plan for how to approach the most difficult of questions. We'll cover multiple approaches to solving a variety of problems to help students identify an approach that makes the most sense to them. I'll also cover calculator tricks and shortcuts that almost feel like cheating-- but it's not! This class is not intended to provide a full math credit or to replace a core math class.

**Class Size Min:** 4 **Max:** 15

**Course Fee:** \$30/month **Supply Fee:** \$10/year

**Multiplication Mania** Margaret Donnelly

**Grades:** 3rd,4th,5th,6th,8 y/o,9 y/o,10 y/o,11 y/o,12 y/o

This is a math class focusing on the four basic math skills necessary for success in all higher levels of math: addition, subtraction, multiplication, and division. We will work on these skills mainly through games and the use of manipulatives, such as dice, playing cards, dominoes, and other common items. Our main focus will be multiplication. We will spend just a few weeks reviewing addition and subtraction and then spend most of the year working toward a complete understanding of and mastery of multiplication and division. We will do this through games and also constructing an interactive notebook to aid in our practice and memorization of topics, and we will take weekly timed tests. This class is intended to supplement your own math curriculum at home. My goals for this class are for students to come to enjoy math and to know that they can be successful at it.

**Class Size Min:** 4 **Max:** 10

**Course Fee:** \$28/month **Supply Fee:** \$10/year

**Pre-Algebra** Margaret Donnelly

**Grades:** 6th,7th,8th,9th

This full academic year class encourages mastery of basic math skills and introduces algebraic concepts in a non-threatening way, all while helping students to think logically. Topics include using fractions, decimals, and percents, converting measurements, finding area and volume, using integers, simplifying rational expressions, solving basic algebraic equations, using powers and radicals, and topics in geometry, relations, functions and graphing and statistics and probability. The class will begin two weeks before co-op starts.

This is a 32-week course

**Curriculum:** Teaching Textbooks Teaching Textbooks Pre-Algebra 2.0 textbook and answer key/test bank; CD's are not required for the class

**Class Size Min:** 4 **Max:** 14

**Course Fee:** \$40/month **Supply Fee:** \$0/year

**Pre-Calculus** Sarah Shaw

**Grades:** 10th,11th,12th

THIS IS A 32-WEEK COURSE

This class will meet on Wednesday and will meet online on Mondays. Several times throughout the year, the Monday online class will be cancelled and an optional tutoring session will be offered instead.

This course provides a strong foundation for work with functions that culminates with an introduction to the calculus topics of the derivative and the integral. Beginning with a review of polynomial functions, the study progresses to exponential and logarithmic functions, trigonometric functions and identities, vectors and polar coordinates, systems and matrices, and sequences and probability. This course requires either a TI-83 or TI-84 graphing calculator and teaches students how to use it. Class will begin two weeks before co-op starts.

**Curriculum:** Teaching Textbooks Teaching Textbooks, Pre-Calculus

**Class Size Min:** 2 **Max:** 20

**Course Fee:** \$50/month **Supply Fee:** \$5/year

## Music & Drama

**Guitar/Keyboard Private Lessons** Jonathan Smith

**Grades:** Kindergarten,1st,2nd,3rd,4th,5th,6th,7th,8th,9th,10th,11th,12<sup>th</sup>

Guitar and keyboard lessons will be a one on one private lesson once a week on the desired instrument. An assessment of each student will take place first lesson and the lessons will be customized to the goals and desires of each student on the instrument they have chosen. Each student will learn during the course of these lessons the basic fundamentals of the instrument, and Basic Music Theory. We will be exploring how Music theory is applied in Popular Music today, also in the bands or solo artists whom they listen to. With the content provided in these lessons each student will be encouraged to compose their own song by the end of the semester showcasing the various fundamentals they learned during the lessons. There will be a Student Recital near the end of the school year. Participation will be encouraged but NOT FORCED. Students will be encouraged to have FUN and be CREATIVE with the instrument.

**Class Size Min:** 1 **Max:** 2

**Course Fee:** \$90/month **Supply Fee:** \$0/year

**Music Learning Band** Tom Faver

**Grades:** 4th,5th,6th,7th,8th,9th,10th,11th,12th

Families will also need to register at Music Learning Band's website: [musiclearningband.com](http://musiclearningband.com)

**Class Size Min: 3 Max: 20**

**Course Fee: \$0/month Supply Fee: \$0/year**

**Music Makers** Dana Opper

**Grades:** Kindergarten,1st,2nd,3rd

This is a general music class in which students will develop music skills and become familiar with basic theory. This familiarization will be achieved through singing and rhythm games. In addition, the students will participate in two musical performances at the end of the year. Extra rehearsals are mandatory for participation in the final production and students will be required to purchase or rent their costumes if it is decided that is what will be needed. There will be extra charges assessed in the spring to help cover performance and facility rental fees including paid programs.

**Class Size Min: 1 Max: 30**

**Course Fee: \$20/month Supply Fee: \$20/year**

**Production Crew** Dana Opper

**Grades:** 8th,9th,10th,11th,12th

For those students interested in the flip side of the musical theater experience, a production crew course will be offered within the Show Tunes class and will teach and offer hands on experience in learning the ins and outs of being an assistant director and stage manager. Students will receive instruction in the areas of designing and building sets, props, lighting, costumes, makeup as well as taking care of the stage crew responsibilities for all of Mrs. Opper's musical performances in the spring. The production crew is open to 8-12 grade students.

**Class Size Min: 4 Max: 10**

**Course Fee: \$27/month Supply Fee: \$25/year**



**Show Kids** Dana Opper

**Grades:** 4th,5th,6th

Students in this class will sing, dance, and act their way towards an exciting musical to be performed at the end of the year. Extra rehearsals are mandatory for participation in the final production and students will be required to purchase or rent their costumes if it is decided that is what will be needed. There will be extra charges assessed in the spring to help cover the performance and facility rental fees including paid programs.

**Class Size Min: 1 Max: 55**

**Course Fee: \$22/month Supply Fee: \$30/year**

**Show Tunes** Dana Opper

**Grades:** 10th,11th,12th

Singing and dancing come together in this exciting class as the students learn and perform a Broadway musical. The year will be spent preparing music, choreography and speaking parts. There will be at least three performances at the end of the year. Extra rehearsals are mandatory for participation in the final production and students will be required to purchase or rent their costumes if it is decided that is what will be needed. There will be extra charges assessed in the spring to help cover performance and facility rental fees including paid programs. Any student who drops after the first class day, will be expected to pay a full year's tuition including supply fee.

**Class Size Min: 1 Max: 60**

**Course Fee: \$27/month Supply Fee: \$50/year**

**Show Tunes Jr.** Dana Opper

**Grades:** 7th,8th,9th

PLEASE NOTE: THIS CLASS WILL BEGIN 2 WEEKS EARLY.

Throughout the year, the students in this class will prepare music, choreography, speaking parts, costumes and sets for a Broadway musical to be performed twice at the end of the year. Extra rehearsals are mandatory for participation in the final production and students will be required to purchase or rent their costumes if it is decided that is what will be needed. There will be extra charges assessed in the spring to help cover performance and facility rental fees including paid programs. Any student who drops after the first day of class, will be expected to pay a full year's tuition including supply fee.

**Class Size Min: Max: 65**

**Course Fee: \$24/month Supply Fee: \$40/year**

**Voice Master Class** Karen Murrah

**Grades:** 5th,6th,7th,8th,9th,10th,11th,12th

The Voice Master Class will function as a semi-private voice lesson for the students enrolled. The class schedule will include vocal warm up, sight reading (a requirement for college music scholarships), and private instruction for each student. Students will listen to the private instruction for other singers, as this is a valuable learning experience. Students will work on vocal techniques such as breath support, breath control, tone quality, diction, posture, vocal range, and development of a diverse repertoire. This class will help to prepare students for college auditions, musical auditions, church performances, and recitals. Students are invited to participate in studio recitals throughout the school year. \*Students of Karen Murrah have received music scholarships to such schools as SMU, TCU, Rice, University of Houston, UNT, and DBU.

**Curriculum:** Individual songs per student No textbook needed, but students will be required to purchase individual songs. Most music can be downloaded from musicnotes.com

**Class Size Min:** 3 **Max:** 10

**Course Fee:** \$40/month **Supply Fee:** \$0/year

## Other Electives

**Chess** Michael Westlund

**Grades:** 3rd,4th,5th,6th,7th,8th,9th,10th,11th,12th

Playing chess is a fun, interactive way for children to develop critical thinking and problem-solving skills. Research shows that the concentration developed through playing chess improves reading scores and that the emotional intelligence learned helps chess players solve conflicts by peaceful means. I teach the students to never give up and to play to win, but I also stress character development in a relaxed, supportive, fun atmosphere. When they lose, I require the students to be a good sport and learn all they can from their mistakes and from their opponents good moves.

Each day I teach for about ten minutes using PowerPoint, and two large magnetic chess boards that hang from the whiteboard. I also instruct from videos and by playing the students. The more experienced players also teach those less experienced and give up pieces if the matches are too lopsided. Everyone gets to play each other, and there is lots of social interaction. We have four Chess Tournaments with prizes. Boy Scouts will be able to qualify to receive a Chess Merit Badge upon completing the course.

**Curriculum:** Boy Scout Chess Merit Badge Manual No

**Class Size Min:** 6 **Max:** 20

**Course Fee:** \$20/month **Supply Fee:** \$15/year

**Cooking** Gayle Gann

**Grades:** Kindergarten,1st,2nd,3rd,4th,5th,6th,7th

The goal of this class is to teach younger students to prepare simple meals, snacks, and treats as well as gain enough confidence in the kitchen to complete the recipes. We will learn about safety in the kitchen, utensils and appliances and how they are used , and how to follow recipes and mixing directions. Included in our lineup will be desserts, main dishes, sides, snacks, drinks, and other non-edible items that can be used as gifts. The best part is eating what has been prepared. Students will also be expected to help in clean up. This is not a class about nutrition, however, it will be discussed. Please inform me of any allergies

**Class Size Min: 6 Max: 12**

**Course Fee: \$27/month Supply Fee: \$45/year**

**Dancing Through Time** Lori Newmann

**Grades:** 7th,8th,9th,10th,11th,12th

This group dance class begins with and has as its core, the exploration of English Country Dance. We will learn several dances dating back not only to the time of the American Revolution but group dances dating back almost 2000 years. In addition students will enjoy discovering the etiquette, tradition and music history of the major dance forms since English Country including the Waltz, Polka, Ragtime and American Country as well as the Big Band Era as they learn the essentials of Swing Dancing. In addition we will study several ballroom basics as well as modern country line dancing.

**Class Size Min: 12 Max: 62**

**Course Fee: \$25/month Supply Fee: \$5/year**

**Elementary Ballet** Mykah Hawkins

**Grades:** Kindergarten,1st,2nd,3rd,4th,5th

This course is a beginner ballet course for elementary aged children. They will learn technique, barre routines, and how to worship Christ through dancing.

**Class Size Min: 4 Max: 10**

**Course Fee: \$27/month Supply Fee: \$5/year**

### **Entrepreneurial Venture I** Jennifer Smith

**Grades:** 3rd,4th,5th,6th,7th

This class is designed for students grades 3-7 and is designed to teach young children how to be independent and develop critical thinking skills. These skills will enable students to understand how to develop a business case, come up with the product, design a process, and utilize analytical skills at a very young age, which will allow them to build on these basic principles as they mature and throughout their adult life. Students will learn how decisions today will affect the future; understand how being prepared or having an awareness can affect the ability to capitalize on an opportunity; and, understand that the difference between those who are successful and those who are not, is information and preparation. At the end of the course students will be able to identify basic business principles, utilize critical thinking, analytical skills, and understand the basic concept of supply and demand.

**Curriculum:** Kidpreneurs \$13 - Teaching Kids Business. \$11 - The Young Entrepreneur's Guide to Starting and Running a Business by Steve Mariotti \$17

**Class Size Min:** 4 **Max:** 15

**Course Fee:** \$20/month **Supply Fee:** \$25/year

### **Entrepreneurial Venture II** Jennifer Smith

**Grades:** 8th,9th,10th,11th,12th

This class is designed for students grades 8-12. This course is designed to teach junior high and high schoolers how to be independent and develop critical thinking skills. Students will develop a business case, design a product, design a process. Students will utilize analytical skills which will allow them to build on these principles as they mature and throughout their adult life.

**Curriculum:** The Young Entrepreneur's Guide to Starting and Running a Business by Steve Mariotti \$20 - Entrepreneur magazine

**Class Size Min:** 4 **Max:** 15

**Course Fee:** \$20/month **Supply Fee:** \$25/year

**Faith & Reason** Jason Watson

**Grades:** 9th,10th,11th,12th,14 y/o,15 y/o,16 y/o,17 y/o,18 y/o

This course is designed to help students understand the common views of the integration between psychology and the Christian faith. Students will examine the relationship between traditional psychological concepts as compared to what the Scriptures teach. Discussion will be made on traditional personality theories, current worldviews, and the importance of knowing who we are in Christ, in order to be an effective witness throughout the world.

**Curriculum:** Lahaye, Tim. (1994). Spirit Controlled Temperament: Carol Stream, IL. Tyndale House Publishers

**Class Size Min:** 4 **Max:** 30

**Course Fee:** \$35/month **Supply Fee:** \$5/year

**Foundations in Personal Finance** Tanya Kirkland

**Grades:** 8th,9th,10th,11th,12<sup>th</sup>

Dave Ramsey's Foundations in Personal Finance teaches students how to save money, live on a budget, communicate about money, eliminate debt, find bargains, and experience the joy of giving, and the blessings of tithing. Students will be empowered with the practical skills and confidence needed to achieve financial goals and experience true financial peace! Class time is spent viewing Dave's DVD presentations and using a workbook designed specifically for high school students, and includes occasional scriptures from the King James Bible. Students will also participate in meaningful real life financial activities, and facilitated group discussions

**Class Size Min:** 6 **Max:** 30

**Course Fee:** \$15/month **Supply Fee:** \$0/year

**Games** Lori Cionca

**Grades:** Kindergarten,1st,2nd,3rd,4th,5th,6th,7th,8th

This class is very fun and lighthearted. It is meant to be an alternative for those elementary students who choose not to attend Study Hall and to provide a nice break in the day for them. We will play various board and card games. When weather permits, we will enjoy playing on the playground.

**Class Size Min:** 4 **Max:** 20

**Course Fee:** \$10/month **Supply Fee:** \$10/year

## **Introduction to Christian Apologetics** Jason Watson

**Grades:** 8th,9th,10th,11th,12th

We live in a post-modern society. Secular ideas and thoughts have even entered into our modern church services. It is more important today that we know not just what we believe but why we believe it. Therefore, it is essential that every believer be ready to give a defense of the faith they adhere to.

The word “apologetics” comes from the Greek word “apologia”; It means, “a verbal defense.” It is used several times in the New Testament, it is the verse in 1 Peter 3:15. that is most commonly associated with Christian apologetics.

“...but sanctify Christ as Lord in your hearts, always being ready to make a defense to everyone who asks you to give an account for the hope that is in you, yet with gentleness and reverence,” (1 Peter 3:15).

Therefore, Christian apologetics deals with answering any criticism that oppose or question God, Jesus and even the accuracy of the Bible. It uses historical evidence, scientific investigation and human reason to give both an objective and reasonable defense of the Christian Faith.

This course is designed to prepare the young Christian to not only have confidence in their faith but be ready to give their own defense of the Christian faith. This solid spiritual foundation is essential to any young person who is preparing to go into a world that opposes and is even hostile toward any Christian ideas and beliefs.

Introduction to Christian Apologetics is a great compliment to the course Integration of Faith and Reason that is also being offered at DASCHÉ during the 2017-2018 academic year.

**Curriculum:** Living Loud:Defending Your Faith by Norman Geisler \$12 Amazon Contend: A Survey of Christian Apologetics by Jason Dollar \$17 Amaz A Case for Christ Student Edition by Lee Strobel \$7.00 Amazon

**Class Size Min:** 4 **Max:** 25

**Course Fee:** \$35/month **Supply Fee:** \$0/year

## **Kids' Day Out** Karen Trapp

**Grades:** Pre-School,2 y/o,3 y/o,4 y/o,5 y/o,Pre-Kindergarten

Moms, this is a time for you to pamper yourselves or run errands while your child is learning and developing in a Christian environment. Attention will be given in gross and fine motor development as we follow the Memoria Press Preschool curriculum that gently introduces numbers, colors, and shapes. Using classic children’s books, the children will engage in music, movement, and artistic activities.

**Class Size Min:** 1 **Max:** 6

**Course Fee:** \$20/month **Supply Fee:** \$10/year

**Lego Club** Kimberly Mederios

**Grades:** 1st,2nd,3rd,4th,5<sup>th</sup>

Lego club will be at time for students to challenge their minds in building challenges and creativity contests. There will also be plenty of time for free play.

**Class Size Min: 5 Max: 12**

**Course Fee: \$18/month Supply Fee: \$30/year**

**Lego Robotics** Tanya Kirkland

**Grades:** 5th,6th,7th,8th

In this amazing class, students will use LEGO Robots, and EV3 Programming, to improve their computer programming and engineering skills. - - Participants will use the LEGO EV3 technology to construct robots that will complete logic and programming focused challenges. A visual programming language will be used to program our bots. Students will be taught how to use several types of coding structures including loops, if-then statements and variable manipulation through a series of mini-challenges. This class stresses team building and collaboration requiring students to work in groups of 2-3 in most situations. - - \*Important Note: The first semester is about 30% building and 70% computer programming. The second semester is about 50/50.

**Class Size Min: 6 Max: 12**

**Course Fee: \$40/month Supply Fee: \$50/year**

**Psychology and Christian Faith** Jason Watson

**Grades:** 9th,10th,11th,12th,14 y/o,15 y/o,16 y/o,17 y/o,18 y/o

The purpose of this course is to investigate why human beings think and act the way they do. It is an introduction to the basic principles of human behavior and principles of human development, awareness, learning, motivation, personality, and social influence - The focus of the course is on the development of a Christian perspective on psychology. Students will examine the relationship between traditional psychological concepts as compared to what the Scriptures teach

**Class Size Min: 4 Max: 30**

**Course Fee: \$35/month Supply Fee: \$0/year**

**STEM Lab** Lisa Easdon

**Grades:** 4th,5th,6th,7<sup>th</sup>

Mistakes are FUN! The goal of this STEM class is to foster a learning environment in which students are guided to produce original ideas, objects, and structures using concepts and skills from math, science, and technology. Students will learn the engineer design method in comparison to the scientific method. We will use problem-solving, teamwork, and project management skills to design and develop prototypes and create experiments. Students will tackle many projects including building a Bridge composed of gum drops and spaghetti, a Boat that will float and hold weight , a Balloon Hovercraft and a Popsicle Stick Catapult and a Marble Roller Coaster, just to name a few. The last project will be the infamous Egg Drop Contest on the last day of co-op. Join us as we make mistakes, use trash and expand our minds.

**Class Size Min: 6 Max: 12**

**Course Fee: \$30/month Supply Fee: \$30/year**

**Strategy & Logic** Naomi Tuning

**Grades:** 5th,6th,7th,8th,9th

Qwirkle, Hive, Blokus, Pyramids, and Sumoku..... What do these games all have in common? They are all strategy games! Get ready to think and strategize while playing MENSA recognized games and puzzles. The whole class will learn a game/puzzle together and then practice strategies for that game/puzzle with each other.

**Class Size Min: 4 Max: 12**

**Course Fee: \$20/month Supply Fee: \$15/year**

**Study Hall** Christi Wallander

**Grades:** 8th,9th,10th,11th,12ty

Study Hall is available for students who are able to study or talk quietly during Study Hall. They need to bring work or other pastimes that can be done independently, quietly and for at least one-hour duration. Study Hall will ONLY be for students 8th -12th grade.

**Class Size Min: 4 Max: 25**

**Course Fee: \$10/month Supply Fee: \$0/year**



**Yearbook** Gayle Gann

**Grades:** 7th,8th,9th,10th,11th

The Yearbook Class will be responsible for planning, photographing, designing layouts, editing, and publication of the DasCHE Yearbook. They will be preserving the memories of all the students in our Association. The Class will also be organizing extra-curricular activities for the Co-op. Must be self-motivated when it comes to photography.

**Class Size Min:** 4 **Max:** 5

**Course Fee:** \$30/month **Supply Fee:** \$25/year

## P.E.

**Elementary Boys PE** John Eastham

**Grades:** 1st,2nd,3rd,4th,5th

Students will participate in both exercise and competitive team sport activities. There will be an emphasis on teaching athletic skills. Instruction will cover basic physical skills such as; catching, throwing, batting, volleyball and basketball skills. The purpose of the class is to teach skills and sportsmanship and most of all to have fun. The ages are divided each year into Elementary, Jr. High and High School classes, so there are several options for your student. Refer to the Schedule of classes for time periods.

**Class Size Min:** 8 **Max:** 32

**Course Fee:** \$20/month **Supply Fee:** \$0/year

**Elementary Girls PE** Sherry Wray

**Grades:** 1st,2nd,3rd,4th,5th

**Class Size Min:** 4 **Max:** 30

**Course Fee:** \$20/month **Supply Fee:** \$0/year

**Fundamental Tumbling (Co-ed)** John Eastham

**Grades:** Kindergarten,1st,2nd,3rd

Students will work at and develop fundamental tumbling skills, with a focus on strength and flexibility. This class will evaluate the athlete first, and then work from there. Focus skills will include handstand, cartwheel, round-off, and back handspring. The class may be co-ed, and some skills taught may be gender-specific. In addition to tumbling skills, there will be time spent in class on Biblical qualities. Safety is a top priority, and proper clothing is essential.

**Class Size Min: 4 Max: 20**

**Course Fee: \$30/month Supply Fee: \$0/year**

**HS Boys PE** John Eastham

**Grades:** 9th,10th,11th,12th

Students will participate in both exercise and competitive team sport activities. There will be an emphasis on teaching athletic skills. Instruction will cover basic physical skills such as; catching, throwing, batting, volleyball and basketball skills. The purpose of the class is to teach skills and sportsmanship and most of all to have fun. The ages are divided each year into Elementary, Jr. High and High School classes, so there are several options for your student. Refer to the Schedule of classes for time periods.

**Class Size Min: 8 Max: 32**

**Course Fee: \$20/month Supply Fee: \$0/year**

**HS Girls PE** Sherry Wray

**Grades:** 9th,10th,11th,12th

This is a fun, energetic class for High School Girls. Class begins with warm up running and stretching followed by sports or recreational games. Sports and recreational games will consist of flag tag games, dodge ball, kickball, soccer, and more. Team play will be competitive and fun, but good sportsmanship and teamwork will be emphasized.

**Class Size Min: 4 Max: 30**

**Course Fee: \$20/month Supply Fee: \$0/year**

**J/H Boys PE** John Eastham

**Grades:** 6th,7th,8th

Students will participate in both exercise and competitive team sport activities. There will be an emphasis on teaching athletic skills. Instruction will cover basic physical skills such as; catching, throwing, batting, volleyball and basketball skills. The purpose of the class is to teach skills and sportsmanship and most of all to have fun. The ages are divided each year into Elementary, Jr. High and High School classes, so there are several options for your student. Refer to the Schedule of classes for time periods

**Class Size Min: 8 Max: 32**

**Course Fee: \$20/month Supply Fee: \$0/year**

**J/H Girls PE** Sherry Wray

**Grades:** 5th,6th,7th,8th

This is fun, energetic class for Junior High Girls. Class begins with warm up running and stretching followed by sports or recreational games. Sports or games will consist of flag tag games, dodge ball, kickball, soccer and more. Team play will be competitive and fun, but good sportsmanship and teamwork will be emphasized

**Class Size Min: 4 Max: 30**

**Course Fee: \$20/month Supply Fee: \$0/year**

# Science

**Anatomy** Martha Snyder

**Grades:** 9th,10th,11th,12th

**\*\* THIS IS A 32-WEEK COURSE \*\*Anatomy and Physiology - Grades 9-12**

This is an advanced biology course that combined with Exploring Creation With Biology, gives the student the equivalent of a university biology course. It covers both the anatomy and the physiology of the human body's 11 organ systems in detail. Class time is spent using the microscope and dissecting. We will spend the year dissecting and studying the cat by system, along with studying other various organs of the sheep. Parents will be responsible for grading the study questions and 4 quarterly test, and returning them to the instructor. Students also have the option to get a health credit while taking this class. Students must have the capability to print off labs and other materials.  
- There will be two sessions prior to co-op.

**Curriculum:** Apologia The Human Body

**Class Size Min:** 3 **Max:** 25

**Course Fee:** \$35/month **Supply Fee:** \$55/year

**Biology** Martha Snyder

**Grades:** 8th,9th,10th,11th,12th

**\*\*This is a 32 week course\*\***

This course is designed to be the student's first high school science course. Exploring Creation With Biology provides a detailed introduction to the methods and concepts of general biology. Heavily emphasizing the vocabulary of biology, it provides the student with a strong background in the scientific method, the five-kingdom classification scheme, microscopy, biochemistry, cellular biology, molecular and Mendelian genetics, evolution, dissection, and ecosystems. It also provides a complete survey of the five kingdoms in Creation. Please note that this course does not contain a discussion of human anatomy and physiology. Students will spend class time taking quizzes, doing labs, with a brief overview of chapter material as time permits. Students will complete module summaries, study questions, and lab reports at home. Parents will be responsible for grading the study questions and returning them to the instructor. Students must have the capability to print off labs and other materials. There will be two sessions prior to co-op

**Curriculum:** Apologia Exploring Creation with Biology 2nd Edition and Solutions Manual by Dr. Jay Wile

**Class Size Min: 3 Max: 25**

**Course Fee: \$35/month Supply Fee: \$35/year**

**Chemistry** Martha Snyder

**Grades:** 9th,10th,11th,12th

**\*\* THIS IS A 32-WEEK COURSE \*\***

This course is designed to be a first-year high school chemistry course and gives the student a rigorous and Biblical foundation in chemistry, in order to prepare him or her for a college-level course. The course covers significant figures, units, classification, the mole concept, stoichiometry, thermochemistry, thermodynamics, kinetics, acids and bases, redox reactions, solutions, atomic structure, Lewis structures, molecular geometry, the gas laws, and equilibrium. Class time will be devoted to lab experiments and class discussion to enhance the understanding of the concepts covered and discussion of concepts and reading. Parents will be required to grade practice problems and study questions and return to tutor. This class will be a Thursday only class. THERE WILL BE OPTIONAL MONDAY CLASSES OFFERED THROUGHOUT THE YEAR. There will be two sessions prior to co-op.

**Curriculum:** Apologia Apologia Chemistry 3rd Edition

**Class Size Min: 3 Max: 25**

**Course Fee: \$35/month Supply Fee: \$35/year**

**Creation Science for Elementary Students** Michael Westlund

**Grades:** 2nd,3rd,4th,5th

This class uses the wonders of nature and the fascinating facts of science to support the God of creation rather than the theory of evolution. The Answers for Kids Bible Curriculum was designed specifically for elementary students by the world's biggest Creation Science ministry, Answers in Genesis. Chapter titles deal with controversial questions such as How Old is the Earth?; Have Animals Evolved?; What about Dinosaurs?; and Was There an Ice Age. This dynamic course gives children a solid understanding of Biblical history and helps them to boldly share and defend the truth of the gospel.

I start each day with a time of show and tell for dinosaurs, animals, transformers, books, etc. that the students have brought to class. Next, I teach the material using a PowerPoint which I have greatly expanded from the course one. Lastly, I may have a video, demonstration or other creative activity with play dough, constructing masks or paper dinosaurs, or handouts to color, draw, solve mazes, etc.

**Curriculum:** Answers Bible Curriculum for Kids by AIG Teacher will provide

**Class Size Min:** 5 **Max:** 16

**Course Fee:** \$25/month **Supply Fee:** \$15/year

## **Creation Science for High School Students** Michael Westlund

**Grades:** 6th,7th,8th,9th,10th,11th,12th

Semester 1: This class uses the wonders of nature and the fascinating facts of science to support the God of creation rather than the theory of evolution. In semester 1, we learn the science that supports the book of Genesis in the Bible. If the account of creation in Genesis is not true, students may wonder what else in the Bible may not be true? Students will learn defensible answers to some of the most controversial questions of faith and science such as the origin of life, the age of the universe, and Noah's flood. The students gather this knowledge from the Institute for Creation Research's Unlocking the Mysteries of Genesis video series, my own PowerPoints, class discussion, assignments, and activities.

Semester 2: During the second semester, the students learn to apply their knowledge of creation science to their lives. The Foundations video series of Ken Ham from Answers in Genesis provides the class with many deep theological questions that are solved by understanding the science of Genesis. The Foundations goes much farther to develop a Biblical worldview by showing the true cause of the crumbling of our culture's moral foundations and the weakness in modern Christianity to defend the authority of the Word of God. The goal is to lock the students into a Biblical worldview, so that friends, college, the media and the trials of life do not sway them away from the truths of the Bible.

**Curriculum:** Unlocking the Mysteries of Genesis ICR, Ken Ham's Foundations AIG Teacher will provide

**Class Size Min:** 5 **Max:** 20

**Course Fee:** \$25/month **Supply Fee:** \$15/year

## **Elem Science 2nd & 3rd** Priscilla Sotelo

**Grades:** 2nd,3rd,6 y/o,7 y/o,8 y/o,9 y/o,10 y/o

This hands-on science class is rich with experiments and activities! The following subjects will be covered this year in Elementary Science: earth, ocean, vertebrates, invertebrates, light, color, sound, minerals, rocks, dinosaurs, scientist and inventors &ndash; (Scientist and Inventors will be included in our study as time permits.)

Class is divided into five units and I will provide a science notebook journal for each student. I will also transport their notebooks to and from co-op. Students will take their notebooks home after each unit. The cost of the journal is included in the supply fee.

**Class Size Min:** 3 **Max:** 12

**Course Fee:** \$25/month **Supply Fee:** \$25/year

**Elem Science K - 1st** Priscilla Sotelo

**Grades:** Kindergarten,1st,4 y/o,5 y/o,6 y/o

This hands-on science class is rich with experiments and activities! The following subjects will be covered this year in Elementary Science: earth, ocean, vertebrates, invertebrates, light, color, sound, minerals, rocks, dinosaurs, scientist and inventors. This class is divided into 5 units. I will provide a science notebook journal for each student. I will also transport their notebooks to and from co-op. Students will take their notebooks home after each unit. The cost of the journal is included in the supply fee.

**Class Size Min: 3 Max: 10**

**Course Fee: \$25/month Supply Fee: \$25/year**

**General Science** Martha Snyder

**Grades:** 6th,7th,8th

**\*\*This is a 32 week course\*\***

This course is designed to be a student's introduction to upper level sciences. The course covers such topics as the scientific method, designing experiments, simple machines, archaeology, geology, paleontology, biology, and human anatomy and physiology. Students will spend class time doing labs with a brief overview of chapter material. Labs will include using microscopes, simple dissection, and labs presented in textbook. Students will complete study questions, lab reports, and test at home. Parents will be required to grade test and study questions and return to tutor. Students must have the capability to print off labs and other materials. - There will be two sessions prior to co-op. -

Homework: 2 to 4 hours per

**Curriculum:** Apologia Apologia General Science book and solutions manual

**Class Size Min: 4 Max: 26**

**Course Fee: \$35/month Supply Fee: \$35/year**



**Physics \*\*Bi-weekly 2-4\*\*** Martha Snyder

**Grades:** 10th,11th,12th

THIS CLASS WILL MEET 2PM-4PM EVERY OTHER MONDAY (NO WEDNESDAYS.) There will be two Monday classes prior to starting co-op which will be mandatory.

This college-prep physics course is designed for the student who has completed algebra and has had an introduction to the definitions of sine, cosine, and tangent. It provides a detailed introduction to the methods and concepts of general physics, heavily emphasizing vector analysis; this text is ideal preparation for a university-level physics course. It provides the student with a strong background in one-dimensional and two-dimensional motion, Newton's laws and their application, gravity, work and energy, momentum, periodic motion, waves, optics, electrostatics, electrodynamics, electrical circuits, and magnetism. Students must have the capability to print off labs and other materials.

**Curriculum:** Apologia Apologia Physics 2nd Edition and solutions manual.

**Class Size Min:** 10 **Max:** 25

**Course Fee:** \$35/month **Supply Fee:** \$35/year

**Science Topics** Martha Snyder

**Grades:** 4th,5th,6th,7th

This fun, hands on course, is offered for the upper elementary student to cover a variety of topics. Class time will be spent doing labs, such as using the microscopes, dissecting, and discussing the topic of the week. This class is designed to instill a love for science, while preparing students for upper level classes. This class is on a three year rotation and topics change each year. Students must have the capability to print off labs and other materials.

**Curriculum:** Apologia Exploring Creation with Human Anatomy and Physiology by Jeannie Fulbright

**Class Size Min:** 10 **Max:** 30

**Course Fee:** \$35/month **Supply Fee:** \$35/year