

Class Descriptions

2019-2020 Academic Year

LAF Co-op classes, PreK-12th, will be held at Grace Fellowship Church in Shrewsbury on Thursdays from 9:00 a.m.-3:20 p.m.

Fall Session (10 weeks): Sept 19 to Nov 21 (Make-up: Dec 5)

Winter Session (10 weeks): Jan 2 to Mar 5 (Make-up: Mar 12 and Mar 19)

Spring Session (8 weeks): Mar 26 to May 14 (Make-up: May 21)

There is an annual **enrollment fee of \$35 for the first student in a family and another \$15 for each additional student**. The fee will cover the cost of website maintenance, liability insurance and other administrative expenses. **The enrollment fee is due by Thursday, May 14, 2019 in cash or money order and is non-refundable** even if you decide to withdraw students from classes.

The **cleaning fee for 2019-2020 will be \$50** to be paid in full by September 19th.

LAF classes fulfilling the PA Homeschool Law requirements at the secondary level (7th -12th grades) for 7th and 8th grade students:

Literature (Literary Smorgasbord, Literature with Movies, Holocaust Literature)

Speech

Composition (WriteShop I, WriteShop II)

Civics

US History (American History with Rush Revere, American History, What Can We Learn From Walt Disney?)

World History (Contemporary History, Holocaust Lit)

Pennsylvania History

Science (Animal Studies, General Science, Biology, Environmental Science)

Geography

Art (Drawing & Painting, Handicrafts)

Music (Vocal Ensemble, Choir, Broadway Review, Intro to Strings, Advanced Strings)

Health (Health, Intro to Exercise Science)

Physical Education (PE, Intro to Exercise Science, Dance)

The above subjects that a Pennsylvania student covers in 7th and 8th grade do not then have to be covered in high school although they certainly may be covered again. At the 7th and 8th grade level you are NOT worrying about credits, and subjects can be covered the same way they were for 5th and 6th grade.

Please see below for our list of class descriptions.

Middle School (6th-8th Grades)

NOTE: Classes are year-long (must take all 3 sessions) unless otherwise noted.

9:00-9:50 am - 1st Period

Composition - Write Shop II (8th- 12th Grades)

WriteShop II offers more challenging assignments such as descriptive narration, point of view, narrative voice, persuasion, and essays (including timed essays). With each lesson, they'll learn new skills, apply them to their current writing project, and edit and revise the composition several times. By the end of the lesson—after brainstorming, writing, editing, and revising—they'll have a polished paper to be proud of! This class is geared toward **8-12** grade students. It focuses on more advanced writing concepts.

Required textbook: ***WriteShop 2 Student Workbook* ISBN: 9781935027348**

Instructor: Julie Coggins

Enrollment: Minimum 10 students and Maximum 20 students

Class Time: 9:00-9:50am (1st period)

Materials fee: \$10 for the year

Cost: \$7 per student, per class

(\$70 for a 10 week session and \$56 for an 8 week session)

Computer – App Development (8th- 12th Grades):

Have you ever thought, there should be an app for that? Have you had some experience with programming and curious what it would take to create an app for a mobile device from scratch? In this course, you'll learn how to create an Android project with Android Studio and run the app. You'll also learn some App architecture and the key principles underlying its design. You will gain an understanding of App development tools and user interface. By the end of the course, you'll build a simple app that you can share with your friends. (*Note that this course could be Apple App development but only if all students have Apple devices.)

Instructor: Holly Tymes

Enrollment: Minimum 5 students and Maximum 15 students

Class Time: 9:00-9:50am (1st period)

Cost: \$8.50 per student, per class

(\$85 for a 10 week session and \$68 for an 8 week session)

Geography – Stanford's Geography (4th- 6th Grades):

Participate in map hunts, learn what it takes to be a cartographer, and gain insight into the interaction of climate, landform, and natural vegetation. As we travel through Africa, Asia, Europe, Latin America, and Russia this class will focus on two major themes. First the units act as an introduction to, or review of, fundamental geographical concepts and vocabulary. Second, they teach students about the

basic physical and political geography of each region. I earned my BA in Geography with an emphasis in methods from SDSU and am a published author in Children's Geographies, an educational journal. I have a passion for studying and discussing how the world around us shapes us as individuals and societies.

Instructor: Randi Marchant

Enrollment: Minimum 6 students and Maximum 20 students

Class Time: 9:00-9:50am (1st period)

Materials Fee: \$5 per student for the year

Cost: \$7 per student, per class

(\$70 for a 10 week session and \$56 for an 8 week session)

Literature Old and New (6th- 8th Grades)

The fall semester of Literature Old and New will focus on literature that has stood the test of time. Some of the classics discussed will be Animal Farm, Call of the Wild, and The Prince and the Pauper. In the winter, we will celebrate new authors who are changing their world for Christ. This literature will take us from Uganda with the story Kisses from Katie to the football field with Tim Tebow in his book, Shaken. These stories and others will inspire us to overcome obstacles and walk out our faith. Spring semester, nonfiction takes center stage with books about The Hoover Dam, The Brooklyn Bridge, and Mount Rushmore. Writing assignments will be dispersed throughout the year to respond to our reading, summarize information, explain the author's point of view, as well as compare and contrast characters.

Instructor: Jan Null

Enrollment: Minimum 6 students and Maximum 18 students

Class Time: 9:00-9:50am (1st period)

Cost: \$6.00 per student, per class

(\$60 for a 10 week session and \$48 for an 8 week session)

Music - Vocal Ensemble (7th- 12th Grades)

For students who enjoy singing! This vocal ensemble would sing pieces in parts. Some would be acapella and some with backgrounds. Some experience reading music and singing in parts would be helpful, but not required.

Instructor: Pauline Williams

Enrollment: Minimum 10 students and Maximum 30 students

Class Time: 9:00-9:50am (1st period)

Materials fee: \$20 per session

Cost: \$6.50 per student, per class

(\$65 for a 10 week session and \$52 for an 8 week session)

Physical Education – Intro to Exercise Science (7th- 12th Grades):

I believe exercise is a celebration of what our bodies can do! We are fearfully and wonderfully made. Students will discover and apply the amazing abilities, functions and potential of their bodies. The class will be divided into two parts. The first 25 minutes we will cover physiological systems of the human body: the cardiovascular, respiratory, digestive, skeletal, neuromuscular and an endocrine systems. We will cover nutrition and several methods of training. The second 25 minutes of class we will practically apply what we're learning! Students will actually get to work out! I will train and challenge them. Students will chart and see their bodies get stronger. Weekly workout assignments and nutrition goals will be given. Comfortable clothing and sneakers will be required

Instructor: Erika McKee

Enrollment: Minimum 10 students and Maximum 15 students

Class Time: 9:00-9:50am (1st period)

Cost: \$7 per student, per class

(\$70 for a 10 week session and \$56 for an 8 week session)

Science – Environmental Science (7th- 12th Grades):

Stewardship /n/ : the job of supervising or taking care of something. We are in a position of stewardship for the Earth. In order to perform our task well, we must be informed. Focus on the earth systems and resources, the living world, population, land and water use, energy resources and consumption, pollution, and global change will allow us some insight into this planet we live on. This course is appropriate for middle school students and will focus specifically on things we as individuals can do to take better care of our world.

Class will use Annenberg Media's *The Habitable Planet* as a text

<https://www.learner.org/courses/envsci/>

Instructor: Brianne Good

Enrollment: Minimum 6 students and Maximum 15 students

Class Time: 9:00-9:50 am (1st period)

Materials Fee: \$25 for the year

Cost: \$7 per student, per class

(\$70 for a 10 week session and \$56 for an 8 week session)

Spanish I (7th- 12th Grades):

According to the Penn State University website, Spanish is the second most widely spoken language in the world. With its origins in the Castille region of Northern Spain, it became a standardized language in the 13th century by King Alfonso of Spain. Currently, the Royal Spanish Academy (Real Academia Española), started in the 18th century, is the authoritative overseer of standard Spanish. Dictionaries and grammar produced by the academy are the standard that is currently used in Spain and Latin America. Being that it's a living language, variations in accent and dialect will vary in many Spanish speaking nations. However, the academic language remains the same, with minor differences in word choice.

This Spanish class will be based on Bob Jones University (BJU) Spanish I course. A quality biblically based curriculum with three levels that provide a solid foundation for higher learning. In this class, students will be learning to have a conversation focused on fluency and comprehension. We will be doing fun activities, such as acting out dialogue in Spanish. Reading books and playing games that focus on reinforcing lessons learned from the book. Students will have access to DVDs to assist with homework.

Required textbook: BJU Spanish I set (includes activities manual, student textbook, and DVD's).

Instructor: Jacqueline Orner

Enrollment: Minimum 8 students and Maximum 20 students

Class Time: 9:00-9:50 am (1st period)

Materials Fee: \$20 for the year

Cost: \$7 per student, per class

(\$70 for a 10 week session and \$56 for an 8 week session)

10:00-10:50 am - 2nd Period

Art – Drawing and Painting (6th-12th Grades):

The drawing and painting art class is designed to meet the needs of students 6th to 12th grade. Materials, art concepts and techniques are carefully selected according to the age and ability of the student. Students work in a variety of mediums including charcoal, pastel, graphite, watercolor, and acrylics. Students are taught the use of proper shape and proportion along with compositional skills. Each student is encouraged to explore the use of color, style and individual expression. Students will advance and learn how to compose and begin a painting whether it be with watercolors or acrylics, mix colors, and discover the creative and technical versatility of painting. The program encourages individual expression while teaching new skills, ideas and techniques.

Instructor: Molly Adler

Enrollment: Minimum 8 students and Maximum 20 students

Class Time: 10:00 -10:50am (2nd period)

Materials Fee: \$30 for the year

Cost: \$7 per student, per class

(\$70 for a 10 week session and \$56 for an 8 week session)

Geography – Stanford's Geography (7th - 12th Grades):

Participate in map hunts, learn what it takes to be a cartographer, and gain insight into the interaction of climate, landform, and natural vegetation. As we travel through Africa, Asia, Europe, Latin America, and Russia this class will focus on two major themes. First the units act as an introduction to, or review of, fundamental geographical concepts and vocabulary. Second, they teach students about the basic physical and political geography of each region. I earned my BA in Geography with an emphasis in methods from SDSU and am a published author in Children's Geographies, an educational journal. I

have a passion for studying and discussing how the world around us shapes us as individuals and societies.

Instructor: Randi Marchant

Enrollment: Minimum 6 students and Maximum 20 students

Class Time: 10:00-10:50am (2nd period)

Materials Fee: \$5 for the year

Cost: \$7 per student, per class

(\$70 for a 10 week session and \$56 for an 8 week session)

Hands-on History – Creation through 400 AD (4rd-6th Grades):

This will be an engaging, hands-on, literature-based history class for grades 4-6. We will be studying world and U.S. history of ancient times. (Creation-400 AD) The class will have several components including: 1. some at-home reading; class discussion and teaching; 2. in- class, hands-on activities and projects each week that the students will work on and 3. a short read-aloud time of historical literature. The class will also cover geography, civics and church history components. Using the PA homeschool law: for the elementary level, this class will cover history, geography and civics.

Required textbook: *The Story of the World, Volume 1 Ancient Times: The Modern Age* by Susan Wise Bauer.

Instructor: Julie Coggins

Enrollment: Minimum 10 students, Maximum 21 students

Class Time: 1:30-2:20 pm (5th period)

Materials Fee: \$30, includes curriculum licensing fees and all project materials for the year.

Cost: \$7 per student, per class

(\$70 for a 10 week session and \$56 for an 8 week session)

Music - Choir (1st -8th Grades):

Join us as we explore the joy of singing. We'll be covering some great music as the kids learn the basics of singing well. We'll even learn some songs with parts beginning with singing in rounds. Students will just need a folder to keep song lyrics and any music needed for the class.

Instructor: Pauline Williams

Enrollment: Minimum 8 students and Maximum 25 students

Class Time: 10:00-10:50am (2^d period)

Materials Fee: \$10 for the year

Cost: \$6 per student, per class

(\$60 for a 10 week session and \$48 for an 8 week session)

Science – Animal Studies (6th- 8th Grades):

Bones, Skulls and Skeletons (Fall Session) – Using skull and bone specimens of animals, an X-ray of a human body, books, magazines and web sites, the students will study bones and skeletal systems of

humans, mammals, reptiles, birds, amphibians and invertebrates. The students will complete a study of owls, dissect an owl pellet (the undigested bones and fur of rodents that are regurgitated), and use the bones found in the pellet to construct and label a skeleton of a vole (or other rodent).

Animal Adaptations (Winter Session) – Students will study the physical and behavioral adaptations of animals using books, magazines, and web sites, in addition to live and taxidermy specimens provided by the teacher. Live snakes, geckos, bearded dragons, blue tongue skinks, tortoises, turtles, tarantulas, hissing cockroaches, rabbits and guinea pigs will be studied. Taxidermy animals including a raccoon, gray squirrel, doe, red fox, Canada goose, mallard, woodpecker, and pheasant will be studied. Students will participate in games and other activities to help them understand camouflage, defense mechanisms, food webs, food supply, scarcity of resources, and the effects of natural events, farming, logging, hunting, pollution, etc. on animals.

Odd & Strange Creatures (Spring Session) – Students will learn about hybrid animals, deep ocean creatures, and other animals that survive in unique ways. Through reading books, magazines and web sites, students will research the physical characteristics, defense mechanisms and adaptations of these strange, but fascinating animals.

Instructor: Michael Buleza

Enrollment: Minimum 6 students and Maximum 22 students

Class Time: 10:00-10:50am (2nd period)

Materials fee: \$5 per session

Cost: \$7 per student, per class

(\$70 for a 10 week session and \$56 for an week session)

Science - Biology (8th-12th Grades):

Students will explore life using Apologia's Exploring Creation with Biology (2nd ed). During this course students will study the sixteen modules in the book covering cells (structure and function), unicellular organisms, genetics, insects, plants, reptiles, mammals, and more. Students will participate in hands-on labs. There will be dissections (earthworm, grasshopper, crayfish, perch and frog) and labs with living organisms. Students will learn proper use of the microscope and slide preparation while having the opportunity to view live protozoa. Along with class discussions and labs the students will also participate in lab practicums and presentations. Student's will also receive links and videos that they can utilize during their home study to help solidify their understanding of the material being taught during class.

NOTE: This class spans across two periods. Students must take both the lecture and the lab, they are not separate entities. Please be sure you allot two class periods when planning your day to include this course.

Required text: *Apologia's Exploring Creation With Biology* (2nd Edition)

Instructor: Erin Dickson

Enrollment: Minimum 10 students and Maximum 18 students

Class Time: 10:00-11:50am (2nd and 3rd period)

Materials Fee: \$50 for the year

Cost: \$11 per student, per class (note that this covers 2 class periods)

(\$110 for a 10 week session and \$88 for an 8 week session)

Required supplies: 1/2" binder with 16 dividers and notebook paper, goggles, a pack of 10 pairs of dissecting gloves (any non-latex plastic glove sized to fit your student's hands), colored pencils, ruler, and calculator.

11:00-11:50 am - 3rd Period

Art - Handicrafts (6th - 12th Grades):

God gave us hands so that we could CREATE, just like Him. In this class we focus on skills through various projects. Not only are the projects meaningful and fun, but they help develop fine motor skills which stimulate and increase control of cognition. This leads to better performance in math, reading, and other subjects. All supplies are provided and each week I will also have optional kits available to further practice the skill at home. You can view my website at www.handmeacraft.com for examples of the types of handicrafts we'll explore, including: Needle Felting, Sewing, Bead Work, Calligraphy, Tatting, Weaving, Batik & more!

Instructor: Randi Marchant

Enrollment: Minimum 6 students and Maximum 15 students

Class Time: 11:00-11:50 pm (3rd period)

Materials Fee: \$25 for the year

Cost: \$8 per student, per class

(\$80 for a 10 week session and \$64 for an 8 week session)

Composition - Write Shop I (6th- 10th Grades)

In WriteShop 1, assignments give students a chance to practice various kinds of writing, including creative, expository, narrative, and persuasive. With each lesson, they'll learn new skills, apply them to their current writing project, and edit and revise the composition several times. By the end of the lesson—after brainstorming, writing, editing, and revising—they'll have a polished paper to be proud of! This class is geared toward **6-10** grade students, and offers them a strong foundation in basic writing skills.

Required textbook: *Writeshop 1 Student Workbook* ISBN: 9781935027331

Instructor: Julie Coggins

Enrollment: Minimum 10 students and Maximum 20 students

Class Time: 11:00-11:50am (3rd period)

Materials fee: \$10 for the year

Cost: \$7 per student, per class

(\$70 for a 10 week session and \$56 for an 8 week session)

Dance (5th- 9th Grades):

If you have a child who loves to dance or would even just like to give dance a try then this class with our amazing Ms. Warkenda is the class for them. Her heart-felt philosophy is that everyone is a dancer, it is just that some people haven't realized it yet. The students will work within the art of several different dance music and movement to build strength, confidence, and a love of dance. An introduction into various dance history and vocabulary is also presented in each session. Students should come prepared to dance and have a water bottle with them. An end of the unit presentation will be presented by the students at the end of each session to show what they have learned.

NOTE: THIS IS A SESSION-BY-SESSION CLASS (can be taken for 1, 2 or 3 sessions). It is still to be determined which dance form (jazz, modern, ballet, lyrical, etc) will be offered each session.

Instructor: Warkenda Williams-Casey

Enrollment: Minimum students and Maximum students

Class Time: 11:00-11:50am (3rd period)

Cost: \$7per student, per class

(\$70 for a 10 week session and \$56 for an 8 week session)

History – American History with Rush Revere (6th- 8th Grades):

Students will time travel back into early American History with Tommy, Freedom, Liberty and Cam as they read the Rush Revere books written by Rush and Kathryn Limbaugh. Each week we will discuss the chapters read at home, focusing especially on the historical characters and events. We will complete some activities related to the books and listen to Rush Limbaugh read aloud his books at times. The main focus will be the enjoyment of exploring and learning more about our exceptional American history. Students will be responsible for the reading each week as well as assignments that help them dig deeper into historical events and people. We will begin with Rush Revere and the Brave Pilgrims and move through the other Rush Revere books at a pace comfortable for our class. The books will include Rush Revere and the First Patriots, Rush Revere and the American Revolution, Rush Revere and the Star Bangled Banner, and Rush Revere and the Presidency.

Instructor: BeckiJo Disney

Enrollment: Minimum 5 students and Maximum 20 students

Class Time: 11:00-11:50am (3rd period)

Materials fee: \$10 per session

Cost: \$7 per student, per class

(\$70 for a 10 week session and \$56 for an 8 week session)

Music/Drama – Broadway Review (6th - 12th Grades):

This class will allow students to explore singing and acting scenes from several Broadway musicals. No experience is necessary and the scenes and songs will be chosen based on the abilities of those taking the class. Weekly assignments will also be given that allow the students to learn more about various shows and their composers. Performance opportunities will be made available as well.

Instructor: Pauline Williams
Enrollment: Minimum 8 students and Maximum 25 students
Class Time: 10:00-10:50am (2^d period)
Materials Fee: \$10 for the year
Cost: \$6 per student, per class
(\$60 for a 10 week session and \$48 for an 8 week session)

12:30-1:20 pm - 4th Period

Art – Drawing and Painting (6th-12th Grades):

The drawing and painting art class is designed to meet the needs of students 6th to 12th grade. Materials, art concepts and techniques are carefully selected according to the age and ability of the student. Students work in a variety of mediums including charcoal, pastel, graphite, watercolor, and acrylics. Students are taught the use of proper shape and proportion along with compositional skills. Each student is encouraged to explore the use of color, style and individual expression. Students will advance and learn how to compose and begin a painting whether it be with watercolors or acrylics, mix colors, and discover the creative and technical versatility of painting. The program encourages individual expression while teaching new skills, ideas and techniques.

Instructor: Molly Adler
Enrollment: Minimum 8 students and Maximum 20 students
Class Time: 12:30 -1:20pm (4th period)
Materials Fee: \$30 for the year
Cost: \$7 per student, per class
(\$70 for a 10 week session and \$56 for an 8 week session)

Biblical Overview (6th- 8th Grades):

People have used it, abused it, and have been changed by it. Wars have been fought over it, churches have been split over it. This one book has changed the course of human events and has impacted multiple societies. It has impacted countless individuals, and changed the hearts of millions. Over the course of the year, we will cover Genesis through Revelation and unpack the incredible message God gave to each of us. We will be covering basic theology as well as going to the Bible Museum at the end of the year. Students will be expected to share at least one reflection throughout the year.

Instructor: Zachary Vincent
Enrollment: Minimum 6 students and Maximum 20 students
Class Time: 12:30-1:20pm (4th period)
Cost: \$6.50 per student, per class
(\$65 for a 10 week session and \$52 for an 8 week session)

Computer Skills (3rd - 12th Grades)

Keyboarding & Basic Skills (Fall Session) - This one session class will meet each student at their skill level. Students will spend half of every class period practicing proper Keyboarding skills. The second half of class would include time learning about using the Internet for research, how to download and insert images into documents, basic word processing skills. We will do an introduction to programming using an online tool called Scratch and learn how to integrate technology into your core class curriculum.

Website Design (Winter Session) - In this one session class students in grades 3-12 are invited to learn how to make their own webpage in a fun, safe, interactive way! Each student will be met at their skill level. We will start by learning some of the behind the scenes of web design and even learn how to do a little html coding. Students will learn about graphics and layouts and the importance of color on your web page. Through taking careful privacy measures, we will learn blog writing and how to properly interact online. By the end of class, each student will have their own website for whatever they choose.

Microsoft Office Skills (Spring Session) - This one session class will meet each student at their skill level. Does your child know how to create a book report, a graph or a newsletter, and a slide show on the computer? If not, this class would be a great way to prepare them for many projects they may have in High School and beyond. This class will go in-depth with how to use all the tools in Microsoft Word, Excel and Power Point. Middle and high-school students will learn how to adjust page layouts, margins, font size and spacing as we learn how to create a works cited page in MLA format. For younger students, we will practice by creating a fun newsletter for our co-op and explore using columns, text boxes and images. Class projects will be geared towards your child's age as they become tech-savvy individuals!

NOTE: Students are required to bring a computer to class.

Instructor: Holly Tymes

Enrollment: Minimum 5 students and Maximum 15 students

Class Time: 12:30-1:20pm (4th period)

Cost: \$7.50 per student, per class

(\$75 for a 10 week session and \$60 for an 8 week session)

History – American (8th- 12th Grades):

American history isn't a history of good vs. evil, but a richly nuanced texture interwoven with the fascinating, interesting lives of thousands of people. Students will explore historic events, the atmosphere surrounding them, and their impact on the country's future. We will use portions of documentaries, readings, and even movies to explore American history from 1600 – the end of Reconstruction. I hope the students will gain knowledge and a love of American history through lively discussions and interesting activities.

NOTE: It is recommended but not required that you register your student for all 3 sessions.

Instructor: BeckiJo Disney
Enrollment: Minimum 5 students, Maximum 20 students
Class Time: 12:30-1:20 pm (4th period)
Materials Fee: \$10 per session
Cost: \$7 per student, per class
(\$70 for a 10 week session and \$56 for an 8 week session)

History - Contemporary World (7th- 12th Grades):

Slog, slog, slog. We have made it through the Civil War and reconstruction. It is late April, and we have one more month of school to cover all of World War I, World War II, the Cold War, and present day. We better sprint through all of it really quickly. Does this sound familiar to anyone? This class begins around the turn of the 20th century. No longer is the time after reconstruction merely a time to be sped through, we will take time to understand the importance and implication of these events. How did the Bolshevik revolution impact the Cold War? What is MAD? When did the Cold War end? What was the Arab Spring? Why was the US involved in Afghanistan? How did there come to be Sudan and South Sudan? What is the deal with the Koreas, and how could they march under the same Olympic flag from 2000-2006? While this course is geared toward high school students, I welcome 7 and 8 grade students as well. Students in grades 7 and 8 will have slightly lower level expectations. We will use portions of documentaries such as The Civil War by Ken Burns and podcasts such as Backstory.

Instructor: Brianne Good
Enrollment: Minimum 8 students, Maximum 20 students
Class Time: 12:30-1:20 pm (4th period)
Materials Fee: \$25 for the year
Cost: \$7 per student, per class
(\$70 for a 10 week session and \$56 for an 8 week session)

Math Support - Algebra I, Algebra 2 and Geometry (8th - 12th Grades)

This class will involve math assistance for Algebra I, Algebra 2 and Geometry. I will provide help with topics that students are having difficulty with, as well as covering new topics. I will assess areas of weakness for each student and work to improve those areas as the students continue in their own math curriculums. In class, I will work with students in whatever curriculum is being used at home, either one on one or in groups. This is a great opportunity to provide your student with the extra help that he/she may need to succeed in the "higher math" subjects. There is no materials fee or textbook required, other than the math textbook being used at home.

NOTE : This is a 1 period class but a student may sign up for BOTH the 12:30 and 1:30 period if they would like additional help.

Instructor: Christy Cornwell
Enrollment: Minimum 5 students, Maximum 8 students
Class Time: 12:30-1:20 pm (4th period)
Cost: \$10 per student, per class (\$16 total if taking BOTH the 12:30 and 1:30 periods)

(\$100 for a 10 week session and \$80 for an 8 week session)

1:30-2:20 pm - 5th Period

Current Events (6th- 12th Grades):

A discussion based class focusing on the current events in the USA and the world. We will discuss a variety of topics in the news including politics, sports, medicine and education. Students will be asked to watch the news and or read current news articles and columns. Students will be encouraged to defend their opinions and views on the topic under discussion. We will discuss some the events from a Scriptural perspective. All students will be expected to participate in the discussions.

NOTE: It is recommended but not required that you register your student for all 3 sessions.

Instructor: BeckiJo Disney

Enrollment: Minimum 5 students and Maximum 20 students

Class Time: 1:30-2:20pm (5th period)

Materials Fee: \$10 per session

Cost: \$7 per student, per class

(\$70 for a 10 week session and \$56 for an 8 week session)

Economics (8th- 10th Grades):

The award-winning illustrator Grady Klein has paired up with the world's only stand-up economist, Yoram Bauman, PhD, to take the dismal out of the dismal science. From the optimizing individual to game theory to price theory, The Cartoon Introduction to Economics is the most digestible, explicable, and humorous economics you'll ever read. Bauman has put the "comedy" into "economy" at comedy clubs and universities around the country and around the world (his "Principles of Economics, Translated" is a YouTube cult classic). As an educator at both the university and high school levels, he has learned how to make economics relevant to today's world and today's students. As Google's chief economist, Hal Varian, wrote, "You don't need a brand-new economics. You just need to see the really cool stuff, the material they didn't get to when you studied economics." The Cartoon Introduction to Economics is all about integrating the really cool stuff into an overview of the entire discipline of microeconomics, from decision trees to game trees to taxes and thinking at the margin. Rendering the cool stuff fun is the artistry of the illustrator and lauded graphic novelist Klein. Panel by panel, page by page, he puts comics into economics. So if the vertiginous economy or a dour professor's 600-page econ textbook has you desperate for a fun, factual guide to economics, reach for The Cartoon Introduction to Economics and let the collaborative genius of the Klein-Bauman team walk you through an entire introductory microeconomics course.

Required textbook: The Cartoon Introduction to Economics Volumes 1 and 2

Instructor: Brianne Good

Enrollment: Minimum 5 students, Maximum 15 students

Class Time: 1:30-2:20 pm (5th period)

Materials Fee: \$10 for the year

Cost: \$6.50 per student, per class

(\$65 for a 10 week session and \$52 for an 8 week session)

Health (6th- 8th Grades):

In her book, *Total Health*, Sue Boe writes, "The greatest benefit of being totally healthy is living a life that is pleasing to God." In this class, we will explore physical, mental, social, and spiritual health with candid discussions about many topics. Some of those concepts will include skin care, food choices, the physical body, basic first aid, disease, fear, managing your influences, and how to walk out your relationship with God. At the end of each unit, I will assign a creative project that reinforces what was learned. Our goal? To learn how wonderfully we are made and how to live for His glory.

Required textbook: *Total Health: Choices for a Winning Lifestyle* by Susan Boe (approx. cost \$25).

Instructor: Jan Null

Enrollment: Minimum 6 students and Maximum 20 students

Class Time: 1:30-2:20 pm (5th period)

Cost: \$6 per student, per class

(\$60 for a 10 week session and \$48 for an 8 week session)

Make a Movie (6th - 12th Grades):

In this year-long class students will work together through the entire process of creating an original movie. During the process of developing the final project, we will gain an understanding of the various roles involved, terminology used in the industry, and learn filming skills. We will be working through the filmmaking workflow which includes pre-production, production, and post-production. We will begin the year with script writing, progress into storyboarding, work through the filming and editing process and finally share in the joy of being a filmmaker. Note that outside work is required for this class.

Instructor: Holly Tymes

Enrollment: Minimum 5 students and Maximum 20 students

Class Time: 1:30-2:20 pm (5th period)

Cost: \$8.50 per student, per class

(\$85 for a 10 week session and \$68 for an 8 week session)

Math Support (8th - 12th Grades)

This class will involve math assistance for Algebra I, Algebra 2 and Geometry. I will provide help with topics that students are having difficulty with, as well as covering new topics. I will assess areas of weakness for each student and work to improve those areas as the students continue in their own math curriculums. In class, I will work with students in whatever curriculum is being used at home, either one on one or in groups. This is a great opportunity to provide your student with the extra help that he/she may need to succeed in the "higher math" subjects. There is no materials fee or textbook required, other than the math textbook being used at home.

NOTE : This is a 1 period class but a student may sign up for BOTH the 12:30 and 1:30 period if they

would like additional help.

Instructor: Christy Cornwell

Enrollment: Minimum 5 students, Maximum 8 students

Class Time: 1:30-2:20 pm (5th period)

Cost: \$10 per student, per class (\$16 total if taking BOTH the 12:30 and 1:30 periods)
(\$100 for a 10 week session and \$80 for an 8 week session)

Music - Advanced Strings (3rd- 12th Grades):

Prerequisite: Students must pass an audition requirement to participate in the advanced strings class. Prior experience is required. Students will be able to continue study on their chosen string orchestra instrument (violin, viola, cello, bass). They will learn repertoire throughout the school year with two performance opportunities throughout the year. This class will be available for grades 3-12.

NOTE: Students will need to bring their own music stand and instrument to every class.

Required textbook: TBD

Instructor: Kim Finnigan

Enrollment: Minimum 5 students and Maximum 15 students

Class Time: 1:30-2:20 pm (5th period)

Materials Fee: \$10 for the year

Cost: \$7 per student, per class

(\$70 for a 10 week session and \$56 for an 8 week session)

Science – General Science for Upper Elementary (4rd- 6th Grades):

In this class, we will use the days of creation to introduce a variety of scientific concepts, including: light, energy conservation, air and water, botany, the solar system, zoology and some aspects of human anatomy and physiology. This class is an excellent overview of science and a great preparation for more advanced science classes in later grades. The kids will stay interested and engaged as we explore topics and complete activities and projects and perform experiments every week!

Required texts: *Science in the Beginning* by Dr. Jay Wile

Instructor: Julie Coggins

Enrollment: Minimum 12 students, Maximum 21 students

Class Time: 1:30-2:20 pm (5th period)

Materials Fee: \$50 for the year

Cost: \$7 per student, per class

(\$70 for a 10 week session and \$56 for an 8 week session)

Speech (7th- 12th Grades):

Fall Session - Using the Toastmaster's International Youth Interpersonal Communication manual, we will be exploring important every day speech topics such as making small talk, negotiating with others to arrive at win/win situations, receiving criticism gracefully, and being appropriately assertive. We will utilize role playing, peer evaluations and other exercises to learn these skills and the students will create and present short speeches to show they have mastered the material. Let's show the world how our homeschoolers can shine at social behaviors! Since there will be some in-class writing time, please have a device - electronic or manual - upon which your child can write.

Winter Session - This semester of Speech class will utilize the Toastmaster's International Speechcraft course. This semester we move into more in-depth speech writing and presenting skills and begin to learn parliamentary procedure in preparation for the last semester.

Spring Session - Our speech studies will culminate in the Toastmaster's International Youth Leadership Program which will be sponsored by the Valley Toastmaster's club. For this final semester, the students will hold their own Toastmaster's meetings, including parliamentary procedures. They will utilize the skills learned throughout the year. We will hold a speech contest and the winners will have a chance to present their speeches at the Valley Toastmasters meeting in Hunt Valley, MD.

Instructor: Mary Kalbach

Enrollment: Minimum 8 students, Maximum 18 students

Class Time: 1:30-2:20 pm (5th period)

Materials Fee: \$15 for the year

Cost: \$5.50 per student, per class

(\$55 for a 10 week session and \$44 for an 8 week session)

2:30-3:20 pm - 6th Period

Civics (6th- 12th Grades):

Today's students, tomorrow's voters---help your students cherish the freedoms that make America strong! Your high school students will be voting soon; equip them with a better understanding of the American government, as well as their roles and responsibilities as American citizens. Students will explore the theory, machinery and services of national government, as well as the relation between national, state and local governments, elections, and the importance of the Constitution.

NOTE: It is recommended but not required that you register your student for all 3 sessions.

Instructor: BeckiJo Disney

Enrollment: Minimum 5 students and Maximum 20 students

Class Time: 2:30-3:20 pm (6th period)

Materials Fee: \$10 per session

Cost: \$7 per student, per class
(\$70 for a 10 week session and \$56 for an 8 week session)

Computer – Intro to Coding in Python (7th- 12th Grades) :

Why learn Python versus another computer language? For many years now, Python has been one of the most used programming languages in the world. Python is used in many industries. And, Python is beginner friendly and easy to learn. Intro to Coding in Python uses fun and engaging projects to teach students the core concepts of coding as they learn the basic syntax, structure and process for writing in Python. They will learn about coding topics such as variables, loops, lists, functions and if statements as well as computer science concepts such as debugging, problem solving, computational thinking and algorithms.

NOTE: Students are required to bring a computer to class.

Instructor: Cheri Bogart
Enrollment: Minimum 12 students and Maximum 16 students
Class Time: 2:30-3:20 pm (6th period)
Materials fee: \$25 curriculum fee (access to coding platform) for the year
Cost: \$8 per student, per class
(\$80 for a 10 week session and \$64 for an 8 week session)

Cooking (6th- 8th Grades):

Crack an Egg Cooking Studio is an after school enrichment program offering children the opportunity to have fun in the "kitchen" classroom while learning. The basic overview is to teach children the fundamentals of cooking in a safe, hands on educational environment which encourages learning, teamwork, discovery and creativity. Classes center around holidays, seasonal foods, gardening and different cultures. Additionally, some classes will crossover into science and history. The children will blend, measure, mix, sift, stir and bake their way through the class! ALL NEW RECIPES.

Instructor: Carolanne Kappus
Enrollment: Minimum 6 students and Maximum 12 students
Class Time: 2:30-3:20 pm (6th period)
Materials Fee: \$30 for the year
Cost: \$10 per student, per class
(\$100 for a 10 week session and \$80 for an 8 week session)

History – Pennsylvania State (7th- 12th Grades)

History is a story that is meant to be enjoyed. This is especially true when it's the story of our home. In this class discover the people and events that shaped Pennsylvania. We'll have hands on lessons that focus on early exploration, growth and industry, early government, and the people that have made PA great. This class will involve several field trips to various historical locations around York County. They will be optional, but highly encouraged. One planned trip will cost 6.00 per attendee,

other fees might apply.

Instructor: Randi Marchant

Enrollment: Minimum 6 students and Maximum 20 students

Class Time: 2:30-3:20 pm (6th period)

Cost: \$7.00 per student, per class

(\$70 for a 10 week session and \$56 for an 8 week session)

History - What We Can Learn from Walt Disney? (6th- 12th Grades)

Is your child fascinated by the life and times of Walt Disney, animation, and amusement parks? Does your child have a dream like Walt? This class will take a look at Walt Disney's biography, including his service in WW1, his connections to WW2, and how his dream grew and changed during his life; his contributions to animation and how animation has changed with technology; how milestones at Disney tie to world events; Walt's business model for his amusement parks, including some interesting facts. We will evaluate what we think about Disney today as compared to Walt Disney's dream and whether the management has kept to Walt's dream. We will close out the year by incorporating what we've learned all year with Walt Disney AND independent research by students into other with 'dreams' and look at their dreams. Students will be encouraged to watch particular Disney movies, read novels related to those movies, evaluate Disney amusement rides based on connected items, etc. If you ever wanted to go back and incorporate your parental memory of Sunday night's "Wonderful World of Disney", this class would give a great opportunity!

Instructor: Carrie Ouellette

Enrollment: Minimum 6 students and Maximum 20 students

Class Time: 2:30-3:20 pm (6th period)

Materials fee: \$25 for the year

Cost: \$6.00 per student, per class

(\$60 for a 10 week session and \$48 for an 8 week session)

Literature with Movies (8th- 12th Grades):

Dragons, Giants, ROUS, bands of thieves, chocolate, mystery, utopias, WWII, the Cold War, and Chess. What do all these things have in common? As we read our way through various genres, we will discover the importances of setting, theme, plot, and characters. Beginning with the fantastic and ending with the historical, we will explore authors such as Roald Dahl, Rick Riordan, Charles Dickens, Agatha Christie, and more. This 1 credit highschool literature class provides students the opportunity to compare and contrast literature, not only with other literature, but with the movie based on the book. Possible titles include: How to Train Your Dragon, Ella Enchanted, The Princess Bride, The Lightning Thief, The Thief Lord, A Christmas Carol, Charlie and the Chocolate Factory, Murder on the Orient Express, Jurassic Park, The Giver, Hitchhiker's Guide to the Galaxy, The Book Thief, Hunt for Red October, Hidden Figures, Queen of Katwe, and He Called me Malala.

Instructor: Brianne Good

Enrollment: Minimum 8 students and Maximum 15 students
Class Time: 2:30-3:20 pm (6th period)
Materials fee: \$25 for the year
Cost: \$7.00 per student, per class
(\$70 for a 10 week session and \$56 for an 8 week session)

Literature/History – Holocaust Lit (6th - 8th Grades):

For students that may not be ready for an in depth study of the Holocaust, this class offers a chance for students to be exposed to the Holocaust through multiple stories. Students will explore the Holocaust through stories like The Boy in the Striped Pajamas, Number the Stars, and Daniel’s Story. Students will be introduced to the Holocaust, while also using reading strategies to help them understand the text. Evaluation will be dependent on participation and book report at the end of each semester. Reading List: TBD

Instructor: Zachary Vincent
Enrollment: Minimum 6 students and Maximum 20 students
Class Time: 2:30-3:20 pm (6th period)
Cost: \$6.50 per student, per class
(\$65 for a 10 week session and \$52 for an 8 week session)

Music - Intro to Strings (3rd- 8th Grades):

Beginners/Students will be able to choose from violin, viola, cello or upright string bass. They will need to provide their own instrument, music stand and method book selected by the teacher. Students will learn to play their instrument in a classroom group environment with two performance opportunities throughout the year. Lessons will include some music history and theory. No musical experience necessary.

NOTE: Students will need to bring their own music stand and instrument to every class.

Instructor: Kim Finnigan
Enrollment: Minimum 5 students and Maximum 15 students
Class Time: 2:30-3:20 pm (6th period)
Materials Fee: \$10 for the year
Cost: \$7 per student, per class
(\$70 for a 10 week session and \$56 for an 8 week session)

Physical Education (3rd- 7th Grades):

This class will focus on skill development through games and activities that promote cooperation and teamwork.

NOTE: THIS IS A SESSION-BY-SESSION CLASS (class can be taken for 1, 2 or 3 sessions).

Instructor: Diane Flanscha

Enrollment: Minimum 8 students and Maximum 15 students

Class Time: 2:30-3:20 pm (6th period)

Cost: \$6.50 per student, per class

(\$65 for a 10 week session and \$52 for an 8 week session)