

Title	Age(s)/Grade	Instructors	Textbook	Class Fee	Books	Supplies
Poliwogs	1-4 yr olds	Amy Rhoads		\$35	\$0	\$0
Do your little tadpoles need a space to play, sing songs, build with blocks, read stories, and other fun activities while their older siblings are in classes? Poliwogs is that place! All 1-year-old through 4-year-old kids are welcome here. A discount is available for siblings.						
PreK Play	PreK	Rebecca Schulze		\$30	\$0	\$0
Help little ones get some energy out while working on fine and gross motor skills. Suitable for most 3-5 year olds.						
Munchkin Gym 1	PreK-K	Brittany Flexer		\$30	\$0	\$0
Come burn some energy and get those wiggles out! We will have fun developing our large and fine motor skills and playing various games together.						
Adventure Little Kids	PreK-1st	Missy Landes		\$25	\$0	\$0
This is where kids will learn essential skills such as markers, scissors, glue, and even paint in older classes.						
Adventures in South America	PreK-1st	Ruth Zentner		\$35	\$0	\$0
Join us as we explore the countries, land, people, animals and customs found in South America!						
Little Book Club	PreK-1st	Kelly Martin		\$35	\$0	\$5
Looking for a fun class that will keep them learning, busy, and having fun? Little Book Club is that class. Each week a book will be read, discussed and followed by related activities (crafts, art, games & songs).						
Bible Safari	K-2nd	Tanya Bollinger		\$35	\$0	\$0
Travel through the Bible as we learn about a new animal each week. There will be a weekly craft.						
Elementary Gym	K-5th	Jill Ludwig		\$30	\$0	\$0
This class will be an active gym class that will teach the rules for popular children's games (such as wiffle ball, kickball, Spud, dodgeball, Thumper, Red light/Green Light. different tag games such as sharks & minnows, and more.) Emphasis will be on teamwork and good sportsmanship (and running off some energy!).						
Chorus for Children	K-6th	Dawn Caracio		\$25	\$0	\$0
Melodious fun combined with choral instruction. Develop good listening skills for music, understand the concept of reading words and notes together which will include simplified music sheets with 2 parts, develop good tones with other choristers, and follow rehearsal procedures. Patterns and expressions along with breathing techniques included.						
Munchkin Gym 2	1st-2nd	Brittany Flexer		\$30	\$0	\$0
Come burn some energy and get those wiggles out! We will have fun developing our large and fine motor skills and playing various games together.						
Game Time!	1st-3rd	Corinne Groff		\$35	\$0	\$0
Fun & Games! A mix of board games, get-to-know-each-other games and minute-to-win-it games. Build knowledge, coordination, strategy & teamwork skills in a fun way!						
German for Little Ones	1st-3rd	Shallon Rohrer		\$40	\$0	\$0
Children will work on learning introductory vocabulary in the German language through stories, fun activities and songs.						
Math is Fun 1	1st-3rd	Amy Arment		\$35	\$0	\$0
Math is fun when you use cards, dice, and games to learn! We will explore primary math concepts like number sense, shapes, money, graphs, patterns, and more. We will also reinforce addition and subtraction facts but they'll just think they're having fun! This course is intended to supplement your existing math curriculum.						
Human Anatomy	1st-4th	Brittany Flexer		\$40	\$0	\$0
Explore how the human body works, along with how God has made each of us unique. We will learn about the skeletal system, digestive system, heart, blood, and more.						
Pennsylvania History	2nd-3rd	Kelly Martin		\$35	\$0	\$5
Learn about the history of PA. Students will learn about the founders, state tree, state flower etc. with a hands on approach.						
Geography: South America	2nd-4th	Ruth Zentner		\$35	\$0	\$0
We will study the countries, land, people and customs of South America.						
Adventure Boys	2nd-6th	Missy LANDES		\$55	\$0	\$0
We will learn about different inventors while we work on our own inventions.						
Adventure Girls	2nd-8th	Missy LANDES		\$55	\$0	\$0
Girls will learn about running their own business and how to handle their money.						
Math is Fun 2	3rd-5th	Amy Arment		\$35	\$0	\$0
Games, dice, and cards make learning fun! We will explore elementary math concepts like number sense, graphs, patterns, fractions, and more. We will reinforce addition, subtraction, multiplication, and division facts, but without the boring flashcards. Students will sharpen their math skills but they'll just think they're having fun! This course is intended to supplement your existing math curriculum.						
Food Around the World	3rd-6th	Rebecca Schulze		\$45	\$0	\$0
Students will get to make food that is popular in 10 different countries/regions. We will learn about customs of those countries also. Food items will be desserts or light fare only. Students may be asked to bring supplies or ingredients to help keep costs down. Food items may occasionally be ready 10-15 mins after class time is over. Students with dairy or gluten sensitivities will have to provide their own suitable ingredients.						
Heroes of the Faith for kids	3rd-6th	Dawn Caracio		\$40	\$0	\$0
This course is designed for students who enjoy learning of Christian Heroes that lived for the Lord and His calling. Students will be informed of the lives of sacrificial missionaries, martyrs, etc. Students will be required to keep a journal of one paragraph memoirs of these heroes.						
Civics for Kids	3rd-7th	Amy Eberly		\$45	\$0	\$0
Based on the Tuttle Twins series. Each book in this series focuses on a different aspect of the principles of a free society: free markets, competition, individual rights, the non-aggression principle, personal responsibility, protectionism, and a variety of other issues - all boiled down to core concepts that children of different ages can easily grasp.						
Life Draw I	4th-12th	Joan Benjamin		\$30	\$0	\$0
Drawing actual objects to learn line, shape,value,color, perspective. Pencils available for purchase (usually \$5); not required						
Exploring Creation with Astronomy (20 weeks)	4th-6th	Kelly Stoltzfus, Meredith Jarvis	<i>Apologia's Exploring Creation with Astronomy</i>	\$40	\$0	\$10
Explore the amazing universe that God created. We will learn about stars, planets, galaxies, and more. There will be hands-on activities, weekly reading, and notebooking assignments plus one project per term. Apologia textbook is required; notebooking journal is helpful but not required. This is a 20 week class. Class from the fall semester will continue in the spring.						
Beginning German for Upper Elementary	4th-6th	Shallon Rohrer		\$40	\$0	\$0
Children will work on learning introductory vocabulary and basic phrases in the German language.						
Elementary Art	4th-6th	Gail Miller		\$35	\$0	\$10
We will create a diverse assortment of art and craft projects using a variety of materials.						
Exp the World of Science	4th-6th	Andrea Coulson		\$35	\$0	\$15
Each week, we will explore different science topics (ie-chemistry, forensics, physics, engineering, etc). We will have a focus on labs/hands-on activities to deepen their understanding of the topic, as well as have fun!						
Writing the Research Paper	4th-6th	Christine Miklas		\$40	\$0	\$0
This course will guide students through the process of writing book reports and a research paper. Lessons will include the writing process, how to research, basic outlines, note-taking and bibliographies.						
Printmaking	4th-8th	Letitia Weaver		\$35	\$0	\$15
This class will explore the creative process involved in block printing, from idea generation through print plate carving, to printing and print labeling. Class will culminate with a print exchange and include exploration of uses for finished prints. Background or interest/ability in drawing is helpful but not necessary. Class involves use of carving tools. While correct and safe technique is emphasized, parental discretion as to the appropriateness of this class for specific students is advised.						
The Presidents (20 weeks - Fall/Spring)	4th-8th	Michelle Gockley		\$40	\$0	\$0
Each week we will study 2 or 3 presidents. We will learn about their early years, how they became president, what happened during their presidency and how they spent their years after leaving office. The class is based off of a lap book and I will be adding videos to make things interesting.. This will be a 20 week class for \$40 each semester.						
Calligraphy and Creative Lettering	4th-Adult	Joan Benjamin		\$30	\$0	\$0
Examine and practice various lettering styles and utensils in calligraphy; goal of one finished 'standard' work of calligraphy. Using learned techniques, design and complete a more creative, individual piece of lettered artwork. Tools available. Students may bring their own calligraphy pens.						
Food Chemistry Lab	5th-12th	Cheryl Russell		\$35	\$0	\$0

This class will cover the basics of Food Science and Chemistry. There will be a food experiment/lab each week and explanation of the chemical reaction observed. Labs will include: strawberry DNA, cabbage juice pH indicator, glucose & starch testing, cotton candy, color changing lemonade, sugar content in drinks, ice cream, butter, etc., and end with a taste testing lab. May not be suitable for those with food allergies. Videos of PA food companies from the Food Network's show Unwrapped may be shown if time allows.						
Life Draw II	5th-12th	Joan Benjamin		\$30	\$0	\$5
Continuing development of drawing skills and techniques. Prerequisite of Life Draw 1 or teacher discretion. ☐						
Life Draw III	5th-12th	Joan Benjamin		\$30	\$0	\$0
Continuing development of drawing skills with additional media options. Goal of minimum 2 finished pieces. Prerequisite: Life Draw 2 or teacher discretion. H&B pencils can be brought by the student or are available for purchase (usually \$5).						
World War II: An Overview	5th-12th	Elizabeth Gormley	<i>World War II: The DK's Definitive Visual History: From Blitzkrieg to the Atom Bomb</i>	\$20	\$0	\$0
This 10-week course is to cover the basics of World War II, one of the most globally-significant events of all time. From the Blitz of London to the Battle of Midway, the second world war had far-reaching consequences and still impacts us today. Students will learn the general timeline of the war, examine causes and personalities, be expected to answer questions and participate in discussions, as well as take quizzes and do activities. The cost is \$20 per student plus the cost of the textbook which students must purchase before class begins.						
Games Galore!	5th-12th	Amy Eberly		\$25	\$0	\$0
One hour of playing all types of games (card games, board games, and strategy games).☐						
Geography: South America	5th-8th	Ruth Zentner		\$35	\$0	\$0
We will study the countries, land, people and customs found in South America.☐						
(Self)Portrait and Figure Drawing	5th-Adult	Joan Benjamin		\$30	\$0	\$0
Pencil or pen media to learn basic facial 'landmarks' to assist self -portrait. Same to assist drawing live model (available teen and/or adult.) Prerequisite Life Draw 3, Life Draw 2 with teacher discretion or teacher discretion.						
French	5th-Adult	Smith Noel		\$40	\$0	\$0
Students will learn common words and sentences for communications in French.☐						
A Studio Introduction to Architecture (30 weeks)	6th-12th	John Everhart		\$140	\$0	\$30
This is a Studio class that explores structural analysis, the evolution of Historic trends, and develops skills that will assist with Rendering and designing original plans. It is appropriate for the beginner and more advanced students.						
Gym Games	6th-12th	Ruth Zentner		\$30	\$0	\$0
An active gym class featuring large group games that provide a good cardio workout. (\$10 discount for each additional sibling)☐						
Horses! (20 weeks - Fall/Spring)	6th-12th	Michelle Gockley		\$40	\$0	\$0
Students will learn about the Equidae family, different breeds of horses, diet, life cycle, types of gaits, anatomy, body language, and much more. We will also do an in depth study of the different anatomy systems of the horse. There will be some fun videos mixed in about how horses are used. This will be a 20 week class with the option of some work that can be done in between semesters for a full credit(a video may need to be purchased to accomplish this). This cost is \$40 for each semester.						
Presidential Fitness Program	6th-12th	Larry Klaassen		\$45	\$0	\$0
Developing an understanding and appreciation for a lifetime of fitness. Course is complete with fitness training, testing, and awards as prescribed by The Presidents Youth Fitness Program.						
Tutoring for Reading, Writing, Comprehension	6th-12th	Melissa Horning		\$30	\$0	\$0
Tutoring will be available when I'm not teaching my courses in the morning and anytime up to the end of the day. I'm willing to help students prep for tests, proofread and revise written assignments, read content for comprehension/application, etc. Students can become more confident in their learning with a bit of review and lots of encouragement! The cost is \$30/hour or \$15/half hour.						
Exploring Creation with Astronomy (20 weeks)	6th-8th	Kelly Stoltzfus, Meredith Jarvis	<i>Apologia's Exploring Creation with Astronomy</i>	\$40	\$0	\$15
Explore the amazing universe that God created. We will learn about stars, planets, galaxies, and more. There will be hands-on activities, weekly reading, and notebooking assignments plus one project per term. Apologia textbook is required; notebooking journal is helpful but not required. This is a 20 week class. Class from the fall semester will continue in the spring.						
Math for the Middle	6th-8th	Amy Arment		\$35	\$0	\$0
Even older kids can have fun with math when cards, dice, and games are used to learn! We will explore general math concepts like functions, patterns, graphs, fractions, geometry, and more. We will problem solve, use logic, think critically, and reinforce skills that students will use later in algebra, all while having fun! This course is intended to supplement your existing math curriculum.						
Middle and High School Choir	6th-Adult	Hannah Stone		\$60	\$0	\$10
Grow the instrument God gave you! Come learn healthy vocal technique while Exp new and classic choral repertoire. Mrs. Stone is a recent private school choir teacher with a passion for honing students' musical gifts to serve in their churches and communities. The fall term will culminate in Christmas caroling for people in our community.						
Crockpot Cooking	7th-12th	Tammy Cress		\$50	\$0	\$0
Students will learn to make meals in a crockpot for your family's dinner that evening. Requires knife skills and a crockpot, student will need to bring meat each week but all other ingredients will be provided.						
Pre-Algebra (30 weeks)	7th-9th	Jennifer Eberly	<i>Math-U-See Pre-Algebra Student Pack</i>	\$100	\$0	\$0
This course is taught based on MathUSee Pre-Algebra. Your student is ready for this class if he/she has knowledge and understanding of basic math operations, fractions/decimals, inequalities, perimeter, area & the ability to do simple word problems. The MathUSee Pre-Algebra Student pack is needed for class. The text book & DVD are optional. Please purchase the student pack prior to the first class.						
Writing the Research Paper	7th-9th	Christine Miklas		\$40	\$0	\$0
This course will guide students through the process of writing book report/critiques as well as a formal research paper. The first two weeks will be devoted to book report/critiques. The last eight weeks will cover a step-by-step process to writing a research paper.						
A Studio for a Well-Rounded Art Critic (30 weeks)	7th-Adult	John Everhart		\$140	\$0	\$40
This is a Studio Class that covers several genre (Drawing, Illustration, Watercolor, Comic Illustration, Music, Graphic Design, Sculpture and possibly Ceramics) with the intent of also developing critical thinking in Art History. It will be made appropriate for both advanced and beginning students of the Arts.						
CPR/First Aid	7th-Adult	Rebecca Schulze		\$50	\$0	\$0
American heart association heartsaver CPR/first aid course. Students will complete CPR training and basic first aid. Upon successful completion, students will receive the heartsaver CPR certification. Younger students must be able to perform a successful chest compression to become certified.						
Digital Photo Manipulation	7th-adult	Jamie Eberly		\$30	\$0	\$0
In this class we will be learning how to use a free version of Photoshop called GIMP. Skills learned in this class could be used for Graphic Design. Students will need to bring their own laptop and download the program beforehand.						
German 1A (30 weeks)	7th-Adult	Shallon Rohrer	<i>Deutsch Aktuell 1, 6th edition, copyright 2010</i>	\$185	\$0	\$0
This is a 30-week beginner level German course for high school students. We will be working through the first half of the textbook Deutsch Aktuell 1. We will spend class time going over grammar, vocabulary and some German culture and history as it pertains to each lesson. Class participation and completion of homework every week are expected. Effort is required to learn a language, so please come to class prepared to work.						
Algebra 1 (30 weeks)	8th-10th	Jennifer Eberly	<i>Math-U-See Algebra 1 Student Pack</i>	\$150	\$0	\$0
Pre-requisite: Pre-Algebra or teacher approval. This course is taught based on MathUSee Algebra I. The MathUSee Algebra I Student pack is needed for class. The text book & DVD are optional. Please purchase the student pack prior to the first class.						
Meteorology (30 weeks)	8th-12th	Larry Everhart		\$150	\$0	\$0
You'll learn the difference between climate & weather, what air masses, fronts, high & low pressure areas are, what the jet stream is, cloud type identification, and how all of these combine to create our weather. We will focus on the formation & path of storms and the weather that attends them. You'll begin to learn how to forecast and there will be a forecasting competition.						
German 1B (30 weeks)	8th-Adult	Shallon Rohrer	<i>Deutsch Aktuell 1, 6th edition, copyright 2010</i>	\$185	\$0	\$0
This is a 30-week German course for high school students. We will be working through the second half of the textbook Deutsch Aktuell 1. We will spend class time going over grammar, vocabulary and some German culture and history as it pertains to each lesson. Class participation and completion of homework every week are expected. Prior completion of German 1A or equivalent is required.						
Apologia Biology Lab Class (30 weeks)	9th-12th	Darlene McCosby	<i>Exp Creation with Biology(3rd ed.) text & Sol/Test Manual</i>	\$170	\$0	\$0

This lab class accompanies the Apologia Exp Creation w/ Biology (3rd edition, newest edition) curriculum and includes the study of bacteria, protists, fungi, plants and animals. Class time will be used to complete the laboratory exercises and reinforce the concepts of the text. Includes homework and quizzes. A course grade will be provided.						
Apologia Chemistry Lab (30 weeks)	9th-12th	Darlene McCosby	<i>Exp Creation with Chemistry (3rd ed)+ Test/Sol Manual + calculator</i>	\$190	\$0	\$0
This 2-hour lab class accompanies the Apologia Exp Creation with Chemistry (3rd edition) curriculum. Class time will be used to complete the laboratory exercises, to reinforce and supplement the concepts of the text and to review practice problems. Includes homework and quizzes. A course grade will be given.						
Apologia Marine Biology (30 weeks)	9th-12th	Darlene McCosby	<i>Exp Creation with Marine Biology (2nd ed) rental available</i>	\$170	\$0	\$0
This 1-credit high school marine biology lab class accompanies the Apologia Exp Creation with Marine Biology (2nd edition) curriculum and includes the study of oceans, marine invertebrates and vertebrates, marine ecology, intertidal zones, coral reefs, estuaries, ocean resources and more. Class time will focus on conducting the laboratory experiments and supplementing material provided in the text. Weekly homework will be assigned and a course grade will be provided.						
Around the World in 180 Days (30 weeks)	9th-12th	Marian Barnett	<i>Around the World in 180 Days Student Notebook</i>	\$120	\$32	\$0
Around the World in 180 Days is a geography and history program covering the history, geography, and culture of every continent. This is not a textbook rather, it's a series of questions that the student must research in order to answer. Students will be drawing maps, doing projects, using classroom discussions, and hopefully some special guests to explore the world around us.						
Environmental Agriscience (30 weeks)	9th-12th	Darlene McCosby		\$170	\$0	\$0
This 1-credit high science class will focus on topics such as forestry, soil science, wildlife management, agriculture, water quality, air quality, energy use and more. Daily homework will be provided via the teacher's website, and class time will include related activities. A final course grade will be provided. Students must have internet access.						
Fundamentals of Grammar and Writing (30 week)	9th-12th	Melissa Horning	<i>Sadlier Grammar for Writing level 11</i>	\$190	\$0	\$0
We will solidify the basics of our language for fluent and well structured oral and written expression. As we address the basics of grammar (parts of speech, sentence structure, punctuation, etc.), we will apply what we are learning in our writing and speaking. Lots of whole group interaction! Student must buy the grammar text: Sadlier Grammar for Writing level 11; and bring a personal journal for grammar notes.						
Geometry (30 weeks)	9th-12th	Jennifer Eberly	<i>Math-U-See Geometry Student Pack</i>	\$150	\$0	\$0
Pre-requisite: Algebra I. Please note this is a high school Geometry class that uses Algebra I skills. This course is taught based on MathUSee Geometry. The MathUSee Geometry Student pack is needed for class. The text book & DVD are optional. Please purchase the student pack prior to the first class.						
Life Lessons from the Classics (20 weeks)	9th-12th	Melissa Horning		\$95	\$0	\$0
The class will read together and independently, discuss, and respond to content in written form. Required books: Aesop's Fables, Pilgrim's Progress, The Screwtape Letters, and a journal for notes. Students should preview/skim through Pilgrim's Progress prior to the fall session. The Screwtape Letters will be assigned during Interterm. If all reading is completed this class will count as 1 HS credit for literature. This is a 20 week class at \$90 per semester with the spring class continuing from the fall.						
Pre-engineering - Electricity (30 weeks)	9th-12th	Larry Everhart		\$150	\$0	\$0
You'll learn what electricity is, how it acts, how to work with it safely and how electrical & electronic devices use it to improve our quality of life. We'll take the mystery out of concepts like voltage, current, resistance, power, Ohm's Law, series, parallel & combination circuits. You'll explore interesting devices like alternators, capacitors, inductors, transformers, diodes, LEDs and transistors. There will be lots of demonstrations including a 350,000 volt Tesla coil and the chance to build electrical/electronic projects.						
Public Speaking and Practical Life Skills	9th-12th	Elly Crist		\$40	\$0	\$0
We will have fun preparing and giving speeches like an elevator pitch, a Bible reading and spoken word poetry! There will be weekly speeches, preparation homework and videos on public speaking.						
Algebra II (30 weeks)	10th-12th	Jennifer Eberly	<i>Math-U-See Algebra II Student Pack</i>	\$150	\$0	\$0
Pre-requisite: Algebra I. This course is taught based on MathUSee Algebra II. The MathUSee Algebra II Student pack is needed for class. The text book & DVD are optional. Please purchase the student pack prior to the first class.						
Pre-engineering - Electronics (30 weeks)	10th-12th	Larry Everhart		\$150	\$0	\$0
Pre-Engineering Electricity is a prerequisite for this course with the exception of seniors who are taking or have taken Chemistry. Students will learn how diodes and transistors work and how they function in power supplies, amplifiers and project circuits like Tesla Coils, strobe lights, clap switches, subwoofer and phone booster amps, bi-amped audio power amplifiers and preamps. Students will build a wide variety of projects.						
Worldviews: Through the Lens of Scripture (30 weeks)	10th-12th	Melissa Horning		\$190	\$0	\$0
Worldview class will address several worldviews such as Islam, Buddhism, Humanism, and Marxism. As we focus on the content of the worldview, we will investigate the origin of the worldview, the lives of chief proponents, the key tenets and documents, and contrast the claims with Scripture. Discussion and personal response are key components of the course. As options to using on line texts, a copy of the Qur'an, an Intro to Buddhism, a copy of the Humanist Manifesto I can be purchased. Info on the books to be purchased will be provided.						
Writing the Research Paper	10th-12th	Christine Miklas		\$40	\$0	\$0
This course will guide students through the process of writing a critique as well as a formal research paper. Lessons will include a step-by-step process to writing a research paper in MLA format. This class will also prepare students to write papers at the college level for those who plan to go on to further education.						
Apologia Physics Lab (30 weeks)	11th-12th	Larry Everhart	<i>Exp Creation with Physics (2nd ed)</i>	\$190	\$20	\$0
PREREQUISITE: Chemistry or special permission from instructor. This two hour lab class accompanies the Apologia Exp Creation with Physics (2nd edition) curriculum. Class will be used to complete all the lab exercises, to reinforce and supplement the concepts of the text and to review practice problems. Includes homework, quizzes and tests. A grade will be provided.						
Your Yearbook	11th-12th	Meredith Jarvis		\$45	\$0	\$0
Students will be guided through the process of making a yearbook for the co-op. They will receive instruction and guidance in areas of planning, photography, writing, and graphic organization as they compile all the components. All co-op families will be able to individually go online to order/purchase their own copy through the online service utilized. This is a 20 week class at \$45 per semester. The fall class will continue in the spring semester.						