

**Bethany Grace Co-Op**  
**Bethany Grace Church, Terre Hill Fall Classes begin September 7, 2021**

<u>Course</u>	<u>Instructor</u>	<u>Target Ages</u>	<u>Tuition</u>	<u>Time</u>
<b><u>Little Adventure Kids</u></b> This is where kids will learn essential skills like markers, scissors, glue and paint used for older classes.	Missy Landes	Grades PreK -1	\$25	9:00
<b><u>Geography : Europe</u></b> We will study the countries, land, people and customs found on the continent of Europe.	Ruth Zentner	Grades 2-4	\$35	9:00
<b><u>All About Sports</u></b> Did you ever wonder how your favorite sport began? In this class we are going to learn the history, rules and fun facts about popular sports. There will be hands on and group activities also.	Rebecca Schulze	Grades 3-6	\$35	9:00
<b><u>Zoology II – Ocean Animals</u></b> Required Text Book: Apologia Exploring Creation with Zoology 2 - Swimming Creatures of the Fifth Day / Suggested Journal; Come see God's creative designs in the swimming creatures that live in the sea! There will be weekly reading and notebooking assignments, plus one project per term. Apologia notebooking journal is helpful but not necessary	Kelly Stoltzfus	Grades 4-6	\$40 + \$10 lab fee + bk	9:00
<b><u>Sew Much Fun (Beginners)</u></b> Learn how to sew! Students will learn how to use a sewing machine as well as some hand sewing. Projects will include treasure bags, pajama pants and lap quilts. More projects will be added as time allows during the semester. Sewing machines are limited so bringing one to class would be helpful.	Hannah Landes	Grades 4-8	\$40 + \$15-\$40 supplies	9:00
<b><u>Learn the French/Creole Language</u></b> Gain a beginning knowledge of the French and Haitian Creole language. You will learn a lot of vocabulary and a basic understanding of the grammar rules of the languages. Along with learning the language, you will learn more about the country and culture of Haiti firsthand from someone who was born and raised there and spent many years as a pastor there.	Smith Noel	Grades 4-adult	\$40	9:00
<b><u>Life Draw II</u></b> Continuing development of drawing skills and techniques. Prerequisite of Life Draw 1 or teacher discretion. H & B Pencils brought by student or available for purchase (usually \$5).	Joan Benjamin	Grades 5-12	\$30 + materials	9:00
<b><u>Holiday Baking</u></b> Create a delicious dessert related to a different holiday each week. Be prepared for Easter, Christmas, Thanksgiving and more! Please note: cannot accommodate dietary restrictions.	Tammy Cress	Grades 7-12	\$40 + \$25 supplies	9:00
<b><u>Apologia Biology Lab</u></b> (30 week class) This lab class accompanies the Apologia "Exploring 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. Required Text and Test/Solutions Book "Exploring Creation with Biology" (newest edition-3rd edition )	Darlene McCosby	Grades 9-12	\$170 + books	9:00
<b><u>Pre-engineering 1- Electricity</u></b> (30 weeks) 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.	Larry Everhart	Grades 9-12	\$150	9:00
<b><u>Writing the Research Paper</u></b> 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.	Christine Miklas	Grade 10-12	\$40	9:00
<b><u>Pre-Calculus</u></b> (30 weeks) Prerequisites: Algebra I, Geometry & Algebra II. This course is taught based on MathUSee Pre-Calculus. The MathUSee Pre-Calculus Student pack is needed for class. The text book & DVD are optional. Please purchase the student pack prior to the first class. A scientific calculator is needed also.	Jennifer Eberly	Grade 11-12	\$150 + student pack	9:00
<b><u>Munchkin Gym 1</u></b> This class will be a time to get the wiggles out! We will also have a focus on practicing large and fine motor skills. Activities will include kickball, jumping rope, throwing and catching various balls and balance activities.	Hannah Landes	Grade PreK - K	\$30	10:00
<b><u>Beginning Botany</u></b> An introduction to Botany where students will explore plants and trees with hands-on activities.	Rebecca Schulze	Grades 1-3	\$35	10:00
<b><u>Charlotte's Web</u></b> Students will be reading and discussing the book Charlotte's Web. There will be a focus on the story's themes, character traits, and vocabulary. Students will complete an end of class project.	Amy Rhoads	Grade 3-5	\$35	10:00
<b><u>Adventure Boys</u></b> We will be doing a Science, Technology, Engineering, Math project as well as other projects suited for boys.	Missy Landes	Grades 3-7	\$35+\$20 mat	10:00
<b><u>Zoology II – Ocean Animals</u></b> Required Text Book: Apologia Exploring Creation with Zoology 2 - Swimming Creatures of the Fifth Day / Suggested Journal; Come see God's creative designs in the swimming creatures that live in the sea! There will be weekly reading and notebooking assignments, plus one project per term. Apologia notebooking journal is helpful but not necessary	Kelly Stoltzfus	Grades 4-6	\$40 + \$10 lab fee + bk	10:00
<b><u>Calligraphy and Creative Lettering</u></b> 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.	Joan Benjamin	Grades 4-adult	\$30	10:00
<b><u>Writing the Research Paper</u></b> 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.	Christine Miklas	Grade 7-9	\$40	10:00
<b><u>German 1A</u></b> 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. Required text: Deutsch Aktuell 1, 6th edition, copyright 2010	Shallon Rohrer	Grades 7-12	\$185 & book	10:00
<b><u>Geometry</u></b> (30 weeks) A course on the fundamentals of geometry with a review in the first two weeks of basic algebra. This course can count for a high school credit or for middle schoolers. In order for students to be successful they should have already completed algebra one prior to taking this course.	Taylor Barnett	Grades 7-adult	\$125	10:00
<b><u>Drawing Skeleton Structure</u></b> This course is for those who want to improve their figure drawing skills by learning how to draw the underlying structure of the human body. This semester will focus on the skeletal structure, including learning the names of some bones. Students do need to have completed a previous drawing class, from any instructor. (This is not a beginning	Jamie Eberly	Grades 8 - adult	\$30 + \$35 supplies	10:00

drawing class.)

<b>Constitutional Law</b> (30 weeks) Constitutional Law by Michael Farris is the study of pivotal Supreme Court cases. In Constitutional Law, students will learn to understand our nation's founding documents, explore precedent-setting Supreme Court cases, and tackle difficult questions about what the Founding Fathers really intended. Students will also build a foundation for evaluating future judicial decisions based on Supreme Court precedent. At the end of the course, they will role play actual Supreme Court decisions, making their own determinations as they engage as lawyers, clerks, justices and news reporters.	Paula Montijo	Grades 9-12	\$125 + book	10:00
<b>Meteorology</b> (30 weeks) 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.	Larry Everhart	Grades 9-12	\$150	10:00
<b>Apologia Chemistry Lab</b> (2hr class for 30 wks) Pre-requisite: Successful completion of Algebra 1. This 2-hour lab class accompanies the Apologia "Exploring 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. Required materials: textbook, tests & solutions book, and a calculator	Darlene McCosby	Grades 10-12	\$190 + books, calculator	10:00-12:00
<b>Seasonal Science for Littles</b> Students will learn about science in nature with a fall seasonal focus through storybooks, hands on activities, and experiments.	Amy Rhoads	Grade PreK-1	\$35	11:00
<b>More German for Little Ones</b> Children will experience the German language through songs, stories and fun activities. This class will introduce different vocabulary, so it's not the same as the German for Little Ones class in spring 2021. However, the class from the spring is not a prerequisite, so students can take the class even if they haven't participated before.	Shallon Rohrer	Grade K-3	\$35	11:00
<b>Munchkin Gym 2</b> This class will be a time to get the wiggles out! We will also have a focus on practicing large and fine motor skills. Activities will include kickball, jumping rope, throwing and catching various balls and balance activities.	Hannah Landes	Grade 1-2	\$30	11:00
<b>Adventures with Lewis and Clark</b> We will study the adventures of Lewis and Clark with hands on activities. From the Louisiana Purchase to the return of the travelers and all the excitement in between.	Marian Barnett	Grades 1-4	\$35+\$15 mat	11:00
<b>Writing the Research Paper</b> 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.	Christine Miklas	Grade 4-6	\$40	11:00
<b>Life Draw I</b> Drawing actual objects to learn line, shape, value, color, perspective. Pencils available for purchase (usually \$5), not required.	Joan Benjamin	Grades 4-12	\$30	11:00
<b>Gym Games</b> An active gym class that will feature variations of games such as dodgeball, soccer, volleyball and more to give them a good cardio workout. (\$10 discount for each additional sibling)	Ruth Zentner	Grades 6-12	\$30	11:00
<b>Zoology II – Ocean Animals</b> Required Text book: Apologia Exploring Creation with Zoology 2 - Swimming Creatures of the Fifth Day; Come see God's creative designs in the swimming creatures that live in the sea! There will be weekly reading and notebooking assignments, plus one project per term. Apologia notebooking journal is helpful but not necessary	Kelly Stoltzfus	Grades 6-8	\$40 + \$10 lab fee + book	11:00
<b>Biology - Days of Creation</b> (30 weeks) This class will meet the criteria for a high school Biology credit. In class we will watch the DVD episodes, do some workbook pages, and simple experiments. There will be work that will need to be completed at home each week. This may include outside reading, more workbook pages, and watching experiments online.	Michelle Gockley	Grades 8-12	\$135	11:00
<b>Drawing with Chalk</b> This course is for those who are interested in exploring drawing with chalk. Students need to have had a previous drawing course from any instructor. If you have any questions please feel free to contact me at jamiec.eberly@gmail.com!	Jamie Eberly	Grades 8 - adult	\$30 + \$30 supplies	11:00
<b>Algebra I</b> (30 weeks) 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.	Jennifer Eberly	Grades 8-12	\$150+ student pack	11:00
<b>Pre-engineering 2- Electronics</b> (30 weeks) You will learn how electricity can amplify, multiply or measure a signal using diodes, transistors and other components. You'll understand how capacitors, inductors, transformers, diodes, LEDs, transistors, thyristors work in electronic circuits as you build projects that use them. Pre-Engineering Electricity is a prerequisite.	Larry Everhart	Grades 10-12	\$150	11:00
<b>Adventures in Europe</b> Join us as we explore the countries, land, people, animals and customs found on the continent of Europe!	Ruth Zentner	Grades PreK-1	\$35	12:00
<b>Bible Safari</b> Come along as we travel through the Bible, learning about a different animal each week. We will discover why that animal was so important, learn some fascinating facts and make a weekly craft.	Tanya Bollinger	Grades K-2	\$30	12:00
<b>Who Invented That?</b> In this class we will be learning about different inventors and their inventions. Inventions we will learn about are gum, cars, legos, bikes, Band-Aids, etc. Hands on activities each week will help reinforce the material being taught.	Rose Wenger	Grades 1-3	\$35	12:00
<b>Fun with Cursive</b> In this class we will learn cursive writing. Not only through practice but through games and art as well.	Leah Smith/Karie Kirk	Grades 2-4	\$25	12:00
<b>Art Around the World</b> Each week we will do an art or craft project inspired by different countries around the world.	Gail Miller	Grades 3-6	\$35 + \$10 supplies	12:00
<b>Adventure Girls</b> We will be learning skills all girls should know, possibly including archery and campfire cooking, etc.	Missy Landes	Grades 3-7	\$55	12:00
<b>Winter Olympics</b> Continuation of the Summer Olympics class from the spring. This is open to anyone, not just the students who took the class in the spring. We will review some of what we learned in the spring about the history of the Olympics. Based off a unit study from Notgrass. We'll watch short videos about winter sports, read about them and complete activities to review what we learned. Most work will be completed in class.	Michelle Gockley	Grades 4-6	\$35	12:00
<b>Life Draw III</b> 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 brought by student or available for purchase (usually \$5)	Joan Benjamin	Grades 5-12	\$30 + materials	12:00
<b>Youth in History</b> This class is arranged to examine various time periods/events throughout history, with the central point of young people who experienced those events. Learn more about King Tut and the Egyptian Empire, Laura Ingalls and the American west, and Ruby Bridges and the Civil Rights Movement, among others. Students will take notes, answer quiz questions, and increase their knowledge of world history. Details: During the course, each student will be allowed to choose a person on which to base their end-of-semester project. They may write an essay, create an exhibit board, or put together a dramatic monologue to present on the last day of the class. Most homework reading will be done online and should take about half an hour to an hour per week.	Elizabeth Gormley	Grades 5-12	\$30	12:00

<b>Positive Fitness for Life</b>	Larry Klaassen	Grades 6-12	\$40	12:00
Students will develop an appreciation for fitness through healthy eating, cardio, and muscular conditioning, a mix of running, calisthenics, and gymnastics. Req. are appropriate exercise attire, notebook, stopwatch, and most importantly a positive attitude. Includes training, testing, and awards for the "Presidential Youth Fitness Award".				
<b>Pre-Algebra</b>	Jennifer Eberly	Grade 7-9	\$100+ student pack	12:00
(30 weeks) 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.				
<b>A Studio Intro to Architecture</b>	John Everhart	Grades 7-12	\$140 + \$20 supplies	12:00
(30 weeks) This hands-on introduction will concentrate on developing skills in architectural design, rendering, historic trends, and model-building. The class is designed to insure success for students who know very little about this practical form of art.				
<b>Environmental Agricultural Science (30 wks)</b>	Darlene McCosby/Hannah Landes	Grades 9-12	\$150	12:00
This high school science course provides daily lessons, activities and classroom projects, developed by the teachers, focusing on PA environmental topics and issues. Units include forestry, animal and plant agriculture, wildlife management, water quality, air quality, energy use and more. A course grade will be provided.				
<b>Apologia Physics Lab (2 hrs. – 30 Weeks)</b>	Larry Everhart	Grades 10-12	\$190 + book	12:00 – 2:00
PREREQUISITE: Chemistry. This lab class accompanies the Apologia Exploring Creation with Physics (2 <sup>nd</sup> 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.				
<b>Learning Through Music</b>	Jennifer Barry	Grades PreK-K	\$20	1:00
Children learn in so many ways kinesthetic, auditory, visually. It's important to know how they learn but it's also important to give them the opportunity to learn in multiple ways. In this class, your children will experience learning through music and play. Topics taught will depend on the needs of the children in the class, but possible topics are numbers, alphabet, colors, patriotic songs, basic skills i.e. cutting, gluing, fine motor skills.				
<b>Elementary Gym Games</b>	Jill Ludwig	Grades K-5	\$30	1:00
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!).				
<b>Readers' Theater</b>	Melinda Grubb	Grades 2-6	\$30	1:00
Join us as we pull the curtain! Boost your reading skills as we read and perform informal plays. No memorization necessary. Reader's Theater helps students practice reading accurately and fluently while using appropriate intonation and expression. We will add props, puppets, masks, and/or costumes as needed.				
<b>Seasonal Crafts</b>	Hannah Landes	Grades 4-8	\$65	1:00
Students will create gifts, decorations, and crafts that have a Fall, Thanksgiving and Christmas theme.				
<b>Crocheting for Beginners</b>	Shallon Rohrer	Grades 4-12	\$25 + \$15 (hook & yarn)	1:00
In this class, students will learn the basics of crocheting; chain stitch, single crochet and double crochet. Each student will have the option of making a square potholder or a small square pillow. Depending on how quickly the project is completed, there may be time to start working on a circle potholder/small pillow.				
<b>Geography: Europe</b>	Ruth Zentner	Grades 5-8	\$35	1:00
We will study the countries, land, people and customs found on the continent of Europe.				
<b>(Self)Portrait &amp; Figure Drawing</b>	Joan Benjamin	Grade 5-adult	\$30	1:00
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.				
<b>American History (1600-1840)</b>	Janie Good	Grades 9-adult	\$150 + books	1:00
We will take a linear journey through early American history, taking time to explore each group of early settlers, how their worldviews affected their communities, view of government, and the development of early American society. Topics include the American Revolution, Constitution, Bill of Rights, War of 1812, westward expansion, and evolution of the U S into an independent, industrious world competitor. This course will include projects, a research paper, and some reading outside class. It will count as a full-credit high school course. (Parents - if you prefer this not be a full credit, certain projects can be eliminated.) This course will run only the 20 weeks that co-op regularly meets, and the research paper/project will be written during the winter break, with email and phone contact (as necessary) with the teacher throughout those weeks. Books needed: History of US # 2, #3, and #4 by Joy Hakim (found on Ebay or Amazon used for low cost)				
<b>Algebra II</b>	Jennifer Eberly	Grades 10-12	\$150+ student pack	1:00
(30 weeks) 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.				
<b>Home Business</b>	Missy Landes	Grades 11-adult	\$35	1:00
Learn how to run a home business. Tax benefits, legal aspects. Special speakers on accounting and financials.				
<b>Scheduled Private Lessons</b>	Various	Grades 2-12	\$various	30 min.
Suzanne Haddon (weaversuz@yahoo.com) is offering piano, flute, clarinet and saxophone lessons.				

Mail \$15 session facility fee made payable to TEACH to: P.O. Box 296, Adamstown, PA 19501 **\*\*Do not mail registrations!\*\***

Register online at: <https://teachhomeschoolers.com/co-op-registration/>

**Registration is limited. Deadline: August 1, 2021.**