

# CHASE Academy Course Catalog 2023-2024 School Year

(Version Dated 3/12/2023)

This catalog includes information about all classes to be offered at CHASE Academy during the 2023-2024 school year. The school year includes 30 weeks of classes, with a 14 week fall semester (Mondays, September to December), and a 16 week spring semester (Mondays, January to April). Classes are listed on the following pages by period in each grade level, progressing youngest to oldest. For further questions about a class, please contact the instructor.

## Class information includes:

**Grade Level:** listed alphabetically by approximate grade level of material presented (K3/4, K5, E1/2, E3/4, E5/6, MS, and HS)

### Course term:

- **Fall** - one semester class, offered during the fall semester only.
- **Spring** – one semester class, offered during the spring semester only.
- **Fall/Spring** – a class in which the material is different each semester, so that the student may take it for the full year, or just one of the semesters.
- **Fall & Spring** – classes in which the same material is presented both semesters; the student should only register for ONE semester.
- **Full year** – a class offered all year, starts in September and ends in April

**Curriculum:** Source of instruction. Not all classes use a purchased curriculum, and are noted as N/A (Not Applicable). If you are required to purchase a curriculum for the course, it will be listed under “Supplies Needed”.

**Class summary:** includes brief summary of material to be covered during the class, recommended prerequisite(s), projects, etc. For the upper level sciences please pay careful attention to any math prerequisites.

**Homework:** Anticipated amount of work to be done at home.

C \*\*\*\* Choice (Parent chooses between Light, Moderate, or Extensive options)

E \*\*\* Extensive (Daily homework)

M \*\* Moderate (2-3 hours of homework)

L \* Light (1-2 hours of homework)

N No weekly homework. May include an occasional light assignment.

**Supplies Needed:** These are all supplies **not** included in class fee or supplied by CHASE. These supplies, including text books and/or workbooks, are the responsibility of the family to purchase for the course and **MUST** be purchased prior to the start of classes.

**Class Fee:** This is the fee required for materials the teacher will be purchasing for the class. Class fees will be collected by CHASE and disbursed to the various teachers.

**\*Non-participating members:** All one semester classes are \$100.00-\$110.00 (check individual classes for amount), full year classes are \$160.00, and science classes are \$220.00. Class fees are included in this cost.

**Copy Fees:** A copy fee will be assessed per student per class in any class where a student receives a folder or notebook of copied material, music, or a lap book in lieu of or in addition to a purchased curriculum.

**Nursery Fee:** A fee of \$5.00 per child will be charged in the nursery. This will cover the cost of wipes, gloves, and animal crackers. Please note that there is a fee for non-member children placed in the nursery. The procedure, paperwork, and fee are explained in the Member Handbook.

**Study Hall:** Students in the study hall **MUST** have work to do as no talking is permitted. In lieu of a study hall, students may also be with their parent or serve as a teen helper in classes where they are needed. Students will need the approval of leadership to serve as a teen helper.

**Science Classes:** All science classes at CHASE are taught from a creationist perspective. The majority of our elementary, middle, and high school core science classes use Apologia Curriculum. Apologia describes their approach as, "Looking at the world from a creationist position, topics are all presented with an eye towards God's role in everyday life."

**High School Literature:** Keith Long, is an alumni of C.H.A.S.E., as well as Lancaster Bible College. He attended LBC after high-school to get his Bachelors in Biblical Studies and Children & Family Ministry. He has a passion for reading and writing, and a hobby in art. He has been a guest speaker at C.H.A.S.E, as well as various other church based ministries. He is excited to teach literature and give a little back to the place where he graduated high-school.

## **K3/4 [for approximately 3½-4 year olds]**

### CLASSES LISTED ALPHABETICALLY

**\*NOTE:** There will be a \$20.00 supply fee for each child in the K3/4 class. CHASE will provide supplies for all classes.

#### **Circle Time**

**Homework:** N No weekly homework. Will include an occasional light assignment.

**Curriculum:** N/A

**Summary:** Throughout the year, the children will have the opportunity to interact during “Circle Time” as we cover various preschool-related themes through songs, stories, and games. The children will also have opportunities to work on their fine motor skills.

**Supplies Needed:** Backpack, folder, pencil, crayons, scissors, and glue stick. An oversized paint shirt for various art projects may be helpful.

**Class Fee:** See note\*

#### **Free Play/Snack**

**Homework:** N No weekly homework. May include an occasional light assignment.

**Curriculum:** N/A

**Summary:** Snack time will take place inside during the first part of the class. After that free play will be spent outdoors, weather permitting, so please bring a coat during the winter. If it is raining or snowing, or if the temperature is too low to safely play outside, we will have play time inside.

**Supplies Needed:** Comfortable clothing, sneakers, and coat. Individually labeled snacks are to be provided by parents.

**Class Fee:** See note\*

#### **Math & ABC Time**

**Homework:** N No weekly homework. May include an occasional light assignment.

**Curriculum:** Math manipulatives, hands on activities, songs, rhymes, poems, and storybooks.

**Summary:** The children will experience math concepts through the use of manipulatives, games, and songs. They will practice using words such as: greater, lesser, equal, how many, greater than, less than, and ordinal numbers. They will become familiar with the “attributes” of shapes. We will also review the alphabet through games, songs, storybooks, and crafts.

**Supplies Needed:** Backpack, folder, pencil, crayons, scissors, and glue stick.

**Class Fee:** See note\*

#### **Quiet Time/Story Time**

**Homework:** N No weekly homework. May include an occasional light assignment.

**Curriculum:** N/A

**Summary:** This will be a time for children to relax.

**Supplies Needed:** Each child should bring a blanket, pillow, or other comforting item that will help them relax.

**Class Fee:** See note\*

## ***K5 [5-6 year olds]***

### CLASSES LISTED ALPHABETICALLY

#### **Free Play/Snack**

**Homework:** N No weekly homework. May include an occasional light assignment.

**Curriculum:** N/A

**Summary:** We will have a fun time playing outside and getting our exercise while doing it. Snack time will take place inside during the first half of the class. Free play (the second half of the class) will be spent outdoors, weather permitting, so please bring a coat during the winter. If it is raining or snowing, or if the temperature is too low to safely play outside, we will have play time inside

**Supplies Needed:** Comfortable clothing, sneakers, and coat. Individual snacks are to be provided by parents.

**Class Fee:** None

#### **Literature**

**Homework:** N No weekly homework. May include an occasional light assignment.

**Curriculum:** Various

**Summary:** Each week we will read a few books on one theme. We will have fun discussing, answering questions, and completing activities to go along with each topic.

**Supplies Needed:** Folder, pencil, crayons, glue stick, and scissors.

**Class Fee:** \$8.00

**Copy Fee:** \$2.00

#### **Math**

**Homework:** N No weekly homework. May include an occasional light assignment.

**Curriculum:** N/A

**Summary:** Children will spend time learning math skills as well as engage in fun activities that will help reinforce these skills. While there is no required weekly homework for this class, every week worksheets will be sent home that your child may choose to complete and return. We will be covering number recognition, counting to 100, how to use a number line, introduction to money, addition and subtraction up to 10, introduction to months and telling time.

**Supplies Needed:** Folder, pencil, crayons, scissors, and glue stick.

**Class Fee:** \$5.00

**Copy Fee:** \$5.00

#### **Science**

**Homework:** N No weekly homework. May include an occasional light assignment.

**Curriculum:** Will use various books and internet sites.

**Summary:** We will explore the exciting world of science with many hands-on experiments and crafts to illustrate our topics. We will study Nature, Animals, Chemistry and General Science, just to name a few topics.

**Supplies Needed:** Writing pencil, crayons, glue stick, and scissors.

**Class Fee:** \$8.00

**Copy Fee:** \$2.00

#### **Seasonal Themes**

**Homework:** N No weekly homework. May include an occasional light assignment.

**Curriculum:** N/A

**Summary:** Children will participate in numerous across-the-curriculum activities/crafts relating to a weekly theme. Also, the students will be learning letters, letter sounds, color words, and other sight words while engaging in fun theme-based activities. In addition, students may receive easy-readers to keep as they begin the reading process. There will be optional homework activities sent home that can be used at the parents' discretion.

**Supplies Needed:** Folder, Pencil, crayons, scissors, glue stick, and white glue

**Class Fee:** \$10.00

**Copy Fee:** \$5.00

**E1/2 [1st & 2nd grade]**  
CLASSES LISTED ALPHABETICALLY

### **Art**

**Homework:** N No weekly homework. May include an occasional light assignment

**Curriculum:** *How to Teach Art to Children*

**Summary:** In this class we will learn about the seven elements of art. We will use these and different techniques to create fun projects.

**Supplies Needed:** None (supplied with class fee)

**Class Fee:** \$10.00

**Copy Fee:** \$1.00

### **Botany**

(Class size limit: 12 students)

**Homework:** L \* Light (1-2 hours of homework)

**Curriculum:** *Apologia Exploring Creation with Botany*

**Summary:** E1/2 Botany will be a full year course using the *Apologia Exploring Creation with Botany* textbook. Siblings can share a textbook, but each individual will need *Apologia Exploring Creation with Botany Junior Notebooking Journal*. This class is appropriate for older grades as well. Content covered includes the nature of botany and the process of classifying plants. It then discusses the development of plants from seeds, the reproduction processes in plants, the way plants make their food, and how plants get their water and nutrients and distribute them throughout the body of the plant. **Weekly reading will be required.**

**Supplies Needed:** *Apologia Exploring Creation with Botany 2nd Edition* textbook (ISBN: 9781946506399) and *Apologia Exploring Creation with Botany Notebooking Journal* (ISBN: 978194650645) markers, crayons, scissors, pencil, and glue stick

**Class Fee:** \$10.00

**Copy Fee:** \$5.00

### **Fun Math**

**Homework:** N No weekly homework. May include an occasional light assignment

**Curriculum:** N/A

**Summary:** This class will provide opportunities for students to improve and recall of addition and subtraction facts. Class time will be spent on games and activities to make learning math facts fun! This is a supplemental class and should not be used as a core math class. \*The students must have prior instruction in and comprehension of the concepts of addition and subtraction.\* (Note: The same class will be taught both semesters. The fall semester is intended for first graders, the spring semester intended for second graders.)

**Supplies Needed:** Pencil, crayons, markers, or colored pencils, scissors

**Class Fee:** \$3.00

**Copy Fee:** \$2.00

### **Habitats**

**Homework:** N No weekly homework. May include an occasional light assignment.

**Curriculum:** NA

**Summary:** Topics covered include deserts, rainforest, wetlands, arctic, grasslands, and the ocean. Students will create a lapbook for each habitat that will include studying the plants, animals, physical characteristics and food chains. Some details or coloring may need to be completed at home.

**Supplies Needed:** Pencil, crayons, glue stick and scissors

**Class Fee:** \$3.00

**Copy Fee:** \$5.00

## Health

**Homework:** N No weekly homework. May include an occasional light assignment.

**Curriculum:** Various

**Summary:** We will be covering good hygiene, dental care, food and nutrition, 5 senses, fire safety, and six body systems. Crafts will be made each week. Having supplies is mandatory.

**Supplies Needed:** Pencil, crayons or colored pencils, scissors, and glue stick

**Class Fee:** \$2.00

**Copy Fee:** \$5.00

## Legos

**Homework:** N No weekly homework. May include an occasional light assignment

**Curriculum:** N/A

**Summary:** This class will provide opportunities for students to build projects using Legos! Some weeks will have a theme, while others will be free-build. Opportunity will be given each week for students to share their creations with the rest of the class.

**Supplies Needed:** None

**Class Fee:** None

## Map Skills

**Homework:** N No weekly homework. May include an occasional light assignment

**Curriculum:** N/A

**Summary:** This class covers basic geography and map reading skills. Students will locate places on maps; draw maps of their bedroom, and neighborhood; and create a book in class. We will read books, have fun arts & crafts/hands-on experiences, and play with games and puzzles to make this a fun, interactive learning experience. (Note: The same class will be taught both semesters. The fall semester is intended for first graders, the spring semester intended for second graders.)

**Supplies Needed:** Pencils, crayons, colored pencils, scissors and glue stick

**Class Fee:** \$5.00

**Copy Fee:** \$3.00

## Music

**Homework:** N No weekly homework. May include an occasional light assignment

**Curriculum:** N/A

**Summary:** In this class the students will learn/review music theory, name musical instrument families, identify famous musical composers, and develop music appreciation. This class will be a mixed review from the 2016-17 year as well as new material.

**Supplies Needed:** Pencils, crayons, scissors, and glue stick

**Class Fee:** None

**Copy Fee:** \$3.00

## Phys. Ed.

**Homework:** N No weekly homework. May include an occasional light assignment

**Curriculum:** N/A

**Summary:** A physical education class that will include sports fundamentals and proper ball handling, group games, relays, etc. Included are opportunities to have a positive attitude toward exercise, learn appropriate stretching techniques, exposure to games not typical to homeschool students, and to learn good sportsmanship.

**Supplies Needed:** **SNEAKERS MUST BE WORN TO CLASS EACH WEEK.** Various sports equipment may be needed (but not required) such as basketballs, soccer balls, etc.

**Class Fee:** None

## **Plymouth Colony**

**Homework:** N No weekly homework. May include an occasional light assignment

**Curriculum:** Life in Plymouth Colony History Pockets

**Summary:** This class will be learning about life in Plymouth Colony. The topics we will cover are: voyage to the New World, the New World, building a village, home sweet home, the family, working in Plymouth Colony, going to school, and what did the Pilgrims give us? (Note: The same class will be taught both semesters. The fall semester is intended for second graders, the spring semester intended for first graders.)

**Supplies Needed:** Pencil, crayons, scissors, glue stick, and white glue

**Class Fee:** \$2.00

**Copy Fee:** \$5.00

## **Read/Write**

**Homework:** L \* Light (1-2 hours of homework)

**Curriculum:** *Five in a Row Volume 1*, *BJU English 2*, and various worksheets

**Summary:** This course will introduce basic grammar skills, practice beginning writing skills, and involve read-aloud books, worksheets and fun activities done together in class. The course is designed to supplement or enrich what your student is already doing at home for language arts and to expose them to topics they will encounter in grades 3 & 4 writing and grammar studies. **Prerequisite: Students must know how to write the alphabet.**

(Note: The same class will be taught both semesters. The fall semester is intended for second graders, the spring semester intended for first graders.)

**Supplies Needed:** Pencils, 3-ring binder, crayons, colored pencils, glue stick, and scissors.

**Class Fee:** \$5.00

**Copy Fee:** \$4.00



**E3/4 [3rd & 4th grade]**  
CLASSES LISTED ALPHABETICALLY

**Apologia Zoology 2-Swimming Creatures**

(Class size limit: 12 students)

**Homework:** E \*\*\* Extensive (Daily homework)

**Curriculum:** Apologia *Exploring Creation with Zoology 2* textbook and Notebooking Journal

**Summary:** Explore the wonders of the swimming creatures made on the 5<sup>th</sup> day of Creation. From microscopic to massive, no stone will be left unturned in the student's passage through waters of the world. Creatures come to life as the student creates clay replicas of them and adds to his/her Ocean box – a miniature hand-crafted aquarium. The book is written at a fourth grade reading level and may need to be read by the parent at a rate of ~8 pages per week. Students will use the Notebooking Journal to record what they have learned. At the end of the course, the student will have a beautiful, memorable notebook complete with puzzles, lapbooks, drawings and journaling! Class time will be spent reviewing the material read at home, sharing journal entries, and doing activities associated with the subject.

**Supplies Needed:** Apologia *Exploring Creation with Zoology 2* textbook (ISBN: 978-1-932012-73-6), Zoology 2 Notebooking Journal (ISBN# 9781935495123), glue stick, pencil, cardboard box (the size that copy paper comes in is perfect) to build their "aquarium."

**Class Fee:** \$10.00

**Copy Fee:** \$5.00

**Art**

**Homework:** N No weekly homework. May include an occasional light assignment

**Curriculum:** N/A

**Summary:** In this class we will be using some different processes to create art. By using a variety of media and techniques students will make art projects with layers, texture, and depth. Some projects will take more than one week to complete.

**Supplies Needed:** pencil, crayons, colored pencils, scissors, glue stick.

**Class Fee:** \$10.00

**Bible**

**Homework:** L \* Light (1-2 hours of homework)

**Curriculum:** Various

**Summary:** Students will strengthen their faith and knowledge of the Bible, specifically the Old Testament, through creating a timeline that will cover each major time period in the history of ancient Israel. The timeline will begin with creation, flood, patriarchs, and end with the return from captivity, rebuilding the temple, and the silent years. We will share songs to aid in learning the books of the Bible, the judges, the kings of Israel, and the prophets. Class time will include a brief lesson on the major people and events in each period. The goals are for students to know that the Bible is "His Story", not just a bunch of pretend stories, and to lay a biblical timeline foundation for students to build on in future understanding of history.

**Supplies Needed:** Bible, pencil, crayons or colored pencils, scissors, and a glue stick.

**Class Fee:** \$4.00

**Copy Fee:** \$3.00

**BJU 3 Writing (to include LA)**

(Class size limit: 10 students)

**Homework:** E \*\*\* Extensive (Daily homework)

**Curriculum:** Bob Jones English 3

**Summary:** This writing class will strengthen your child's writing skills through a variety of writing projects. It is a comprehensive writing and grammar course when the parent follows through with the writing and grammar assignments throughout the week. Spelling practice is not included. We will complete eight writing projects throughout the year, taking each project through the writing process. Writing homework will involve completing one step in the writing process each week (prewriting, drafting, revising/editing, final copy) and should generally take about 15-30 minutes. Each week we will also introduce a grammar concept which should be practiced during the week using the Bob Jones English 3 worktext. These grammar assignments are an essential part of the course, will require time in addition to time spent on writing projects, and must be supervised and corrected by a parent. Journal writing will also be encouraged and a journal entry will be started most Monday mornings (the class fee includes the cost of the journal). This class will be most effective if the parent schedules 20 minutes of work time for 3 or 4 days during the week. Please note the worktext is required for the class.

**\*\*We have used this text several years in the past and have found that it works well for both 3<sup>rd</sup> and 4<sup>th</sup> graders.**

**Supplies Needed:** Bob Jones English 3 worktext (2nd Edition), ISBN # 978-1-591669-07-4. Parents have the option of purchasing the Bob Jones English 3 (2nd Edition) Teacher's Edition to be used in grading grammar assignments, although this is not essential. A Teacher's Edition will be available during the CHASE day on Mondays. The teacher will supply each student with a writing folder and journal on the first day of class.

**Class Fee:** \$9.00

**Copy Fee:** \$2.00

## **Civics**

**Homework:** L \* Light (1-2 hours of homework)

**Curriculum:** United States Government Lapbook

**Summary:** This course is intended to be a fun introduction to terms and facts about the U.S. Government. Class times will include short lectures, worksheets, and the creation of a lap book.

**Supplies Needed:** Pencil, crayons or colored pencils, scissors, and a glue stick.

**Class Fee:** \$5.00

**Copy Fee:** \$3.00

## **Combined Choir**

**Homework:** L \* Light (1-2 hours of homework)

**Curriculum:** N/A

**Summary:** This performing choir class will be for 3<sup>rd</sup> through 6<sup>th</sup> grade students. In this class the students will learn vocal warm ups, the fundamentals of rhythm, harmony and melody, and they will be introduced to reading choral music and singing as a group choir. The choir ensemble will perform at the Learning Fair.

**Supplies Needed:** None

**Class Fee:** \$2.00

**Copy Fee:** \$3.00

## **Fun Math**

**Homework:** L \* Light (1-2 hours of homework)

**Curriculum:** Various

**Summary:** This class will mainly focus on mastering multiplication and division facts with the use of games, worksheets and activities. Other topics will be covered such as division, area and perimeter.

**Supplies Needed:** folder or binder, pencil, scissors, glue stick, crayons

**Class Fee:** \$2.00

**Copy Fee:** \$3.00

## General Science

**Homework:** L \* Light (1-2 hours of homework)

**Curriculum:** Various

**Summary:** This is a general science class where we will cover several topics and do hands-on projects each week in class. Topics will include the scientific method, weather, geology, our solar system, plants, animals, and the human body

**Supplies Needed:** 1 inch 3-ring binder, pen, pencil, scissors, glue, glue stick, crayons, and 3x5 cards.

**Class Fee:** \$5.00

**Copy Fee:** \$3.00

## Grammar & Basic IEW

**Homework:** : L \* Light (1-2 hours of homework)

**Curriculum:** Institute for Excellence in Writing People and Places in Our Community (2017)

**Summary:** This is a theme based writing curriculum that teaches how to construct paragraphs. The student will learn to take notes to create an outline from the paragraphs provided in the lesson book. Then the student will construct their own paragraph. Throughout the weeks new style concepts, vocabulary, and structure concepts will be taught that will need to be incorporated into the paragraphs. The homework could be completed in 2 days or broken down into 4 days. The parent will need to supervise the writing process by following the student lesson book, assisting with the writing, and correcting the homework. Please note the worktext is required for the class. Some grammar will be taught, however, the emphasis will be on writing.

**Supplies Needed:** Institute for Excellence in Writing People and Places in Our Community (copyright 2017)

ISBN 978-1-62341-275-3, 3-ring binder, page protectors, pencil and notebook paper.

**Class Fee:** \$5.00

**Copy Fee:** \$5.00

## K'nex Simple Machines and Wheels & Axles

**Homework:** N No weekly homework. May include an occasional light assignment

**Curriculum:** K'nex Intro to Simple Machines: Gears and Wheels, Axles & Inclined Planes

**Summary:** Students will learn about the different simple machines and how they work. They will spend each supervised class period creating one simple machine shown in the K'nex book. There may be some free play time also if time permits.

**Supplies Needed:** K'nex Intro to Simple Machines: Gears set (Number 78630) and/or Wheels, Axles & Inclined Planes set (Number 78620). **\*Please Note:** We don't expect everyone to buy two sets since they are not cheap. We would like half the students to purchase one set and the other half to purchase the other set, then they can work in pairs. Parents will have the opportunity to choose which set they would like to purchase for their student. The teacher will email parents a sign up list once the class roster is published.

**Class Fee:** \$2.00

**Copy Fee:** \$2.00

## Little House on the Prairie (Prairie Primer)

**Homework:** L \* Light (1-2 hours of homework)

**Curriculum:** Prairie Primer

**Summary:** This is a literature class based on the Little House on the Prairie book series. Class time will involve reviewing the book, followed by an activity related to what was read. Students will be encouraged to do some reading each week. Note: This class is divided into two semesters to provide more scheduling options, but a student may enroll in both semesters to stay in the class all year. Different material will be covered in fall and spring.

**Supplies Needed:** Pencil, crayons or colored pencils, scissors, glue stick, folder for worksheets, and books from the Little House series as needed. These may be purchased or borrowed from the library at the appropriate time. A book list will be given at a later date.

**Class Fee:** \$5.00 per semester

**Copy Fee:** \$1.00 per semester

### **Phys. Ed.**

**Homework:** N No weekly homework. May include an occasional light assignment

**Curriculum:** N/A

**Summary:** A physical education class that will include sports fundamentals and proper ball handling, group games, relays, etc. Included are opportunities to have a positive attitude toward exercise, learn appropriate stretching techniques, exposure to games not typical to homeschool students, and to learn good sportsmanship.

**Supplies Needed:** **SNEAKERS MUST BE WORN TO CLASS EACH WEEK.** Various sports equipment may be needed (but not required) such as basketballs, soccer balls, etc.

**Class Fee:** None

### **Physical Science**

**Homework:** L \* Light (1-2 hours of homework)

**Curriculum:** Various

**Summary:** This class will be hands-on fun learning with the use of experiments, crafts, and snap circuits. We will be covering the basics of Matter, Atoms, Air and Air Pressure, Force and Movement, Thermal and Electrical Energy, Magnetism, Sound, Light, and Simple Machines.

**Supplies needed:** 1 inch 3-ring Binder, pencil, glue stick, scissors, crayons or colored pencils.

**Class Fee:** \$5.00

**Copy Fee:** \$3.00

### **Spanish Immersion**

**Homework:** L \* Light (1-2 hours of homework)

**Curriculum:** NA

**Summary:** Students will have the opportunity to learn basic Spanish vocabulary and skills. Games and worksheets may be used to reinforce learning. The class may also go over other aspects of Spanish culture.

**Supplies Needed:** (Potential Workbook TBD), folder, pencil, crayons or colored pencils, scissors, and a glue stick.

**Class Fee:** \$4.00

**Copy Fee:** \$2.00

**E5/6 [5th & 6th Grade]**  
CLASSES LISTED ALPHABETICALLY

**Art (Spring)**

**Homework:** N No weekly homework. May include an occasional light assignment

**Curriculum:** N/A

**Summary:** In this class we will be using some different processes to create art. By using a variety of media and techniques students will make art projects with layers, texture, and depth. Some projects will take more than one week to complete.

**Supplies Needed:** pencil, crayons, colored pencils, scissors, glue stick.

**Class Fee:** \$10.00

**Copy Fee:** \$1.00

**Art/Drawing (Spring)**

**Homework:** L \* Light (1-2 hours of homework)

**Curriculum:** Various resources

**Summary:** Each week, the class will learn about a new element in drawing including line, shape, shade, tone, and perspective. Students will be expected to draw 10-20 minutes per day during the week.

**Supplies Needed:** Sketch Pad

**Class Fee:** \$10.00

**Copy Fee:** \$1.00

**Combined Choir (Spring)**

**Homework:** L \* Light (1-2 hours of homework)

**Curriculum:** N/A

**Summary:** This performing choir class will be for 3<sup>rd</sup> through 6<sup>th</sup> grade students. In this class the students will learn vocal warm ups, the fundamentals of rhythm, harmony and melody, and they will be introduced to reading choral music and singing as a group choir. The choir ensemble will perform at the Learning Fair.

**Supplies Needed:** None

**Class Fee:** \$2.00

**Copy Fee:** \$3.00

**Chemistry/Physics**

**(Class size limit: 12 students)**

**Homework:** E \*\*\* Extensive (Daily homework)

**Curriculum:** *Apologia Exploring Creation with Chemistry and Physics* and *Notebooking Journal*

**Summary:** Discover the electrifying, exhilarating and energetic world of chemistry and physics with the newest book in the *Apologia Young Explorer Series: Exploring Creation with Chemistry and Physics* by Jeannie Fulbright. This course will bring shock and awe to your science studies as you investigate the wacky world of matter and energy. From atoms to Archimedes, nuclear energy to Newton's Laws of Motion, sound to simple machines, and anything that turns on, lights up, or shocks you, you'll discover the elements God used to create everything around you. Students will use the *Notebooking Journal* to record what they have learned. At the end of the course, the student will have a beautiful, memorable notebook complete with puzzles, lapbooks, drawings and journaling! Class time will be spent reviewing the material read at home, sharing journal entries, and doing activities associated with the subject.

**Supplies Needed:** glue stick, pencils, markers/crayons, scissors, *Apologia Exploring Creation with Chemistry and Physics* textbook (ISBN 978-1935495987), and *Apologia Exploring Creation with Chemistry and Physics Notebooking Journal* (ISBN 978-1940110059).

**Class Fee:** \$15.00

## **Fun Math/Critical Thinking (Fall)**

**Homework:** N No weekly homework. May include an occasional light assignment

**Curriculum:** N/A

**Summary:** This will be a fun class to support and reinforce mathematical concepts learned at home. We will concentrate on decimals, fractions, and critical thinking skills.

**Supplies Needed:** Folder, pencil, colored pencils, glue, and ruler

**Class Fee:** \$5.00

**Copy Fee:** \$2.00

## **IEW - U.S. History Based Writing**

(Class size limit: 10 students)

**Homework:** E \*\*\* Extensive (Daily homework)

**Curriculum:** Institute for Excellence in Writing U.S. History – Based Writing Lessons (2nd ed. 2019)

**Summary:** The students will develop their skill with the Structure and Style Writing Method while learning about interesting, important people and events in U.S. history from the explorers to the twentieth century. The student will learn to take notes and create an outline from the paragraphs provided in the lesson book. Then the student will construct a paragraph. Throughout the weeks, new style concepts, vocabulary, and structure concepts will be taught to make the writing more interesting and these will need to be incorporated into the paragraphs. They will be taught how to organize the paragraphs effectively and how to build a report from multiple sources.

You will want to use a separate grammar course in addition to this class. Please note that this class entails extensive homework that must be overseen by the parent. The parent is expected to review all writing homework before it is handed in, and to give support and instruction as needed to complete the assignments. Students do NOT need prior instruction in the IEW writing methods to take this course. THIS IS NOT A FULL GRAMMAR COURSE. The emphasis will be on writing.

**Supplies Needed:** U.S. History Based Writing Lessons Student Book (ISBN 978-1623413248), 3-ring binder, page protectors, pencil and notebook paper.

**Class Fee:** \$5.00

**Copy Fee:** \$5.00

## **Literature (Spring)**

**Homework:** E \*\*\* Extensive (Daily homework)

**Curriculum:** Memoria Press Fifth Grade Literature

**Summary:** The goal of this course is to encourage a joy of reading, to draw out Christian themes and discuss them through a Biblical worldview, and to provoke discussions about the book and its characters. This will be accomplished using the study guides published by Memoria Press. In addition, students will engage in activities designed to reinforce the vocabulary covered in each book through the use of vocabulary flashcards and in-class games/quizzes. Students will also be expected to complete a semester project. Further details will be provided in the course syllabus.

**Supplies Needed:**

*The Door in the Wall* by Marguerite de Angeli, ISBN: 9780440227793

*The Door in the Wall Student Study Guide*, ISBN: 9781615382453

*The Magician's Nephew* by C.S. Lewis, ISBN: 9780064409438

*The Magician's Nephew Student Study Guide*, ISBN: 9781547702114

Sharpened pencils with erasers

Notecards

*\*Note: Items can be purchased through [memoriapress.com](http://memoriapress.com), but are cheaper through [rainbowresource.com](http://rainbowresource.com)*

**Class Fee:** None

## Macrame (Fall)

**Homework:** N No weekly homework. May include an occasional light assignment.

**Curriculum:** N/A

**Summary:** This will be a fun introduction to the art of Macrame. We will learn how to use basic knots and patterns to make cute, functional projects.

**Supplies Needed:** None

**Class Fee:** 10.00

**Copy Fee:** None

## No-Bake Cooking (Fall)

(Class size limit: 8 students)

**Homework:** N No weekly homework. May include an occasional light assignment

**Curriculum:** N/A

**Summary:** In this hands-on course, students will engage in a variety of no-bake cooking opportunities. The class will start off with discussing cooking basics such as measuring, mixing, and following directions. Then they will create or assemble various recipes. All recipes made will be compiled in a class cookbook at the end of the term. Students will be responsible to clean up after themselves and any dishes used in class. To offset cost, look for emails to bring food from time to time.

**Supplies Needed:** None

**Class Fee:** \$25

**Copy Fee:** \$1.00

## Phys. Ed.

**Homework:** N No weekly homework. May include an occasional light assignment

**Curriculum:** N/A

**Summary:** A physical education class that will include sports fundamentals and proper ball handling, group games, relays, etc. Included are opportunities to have a confident attitude toward exercise, learn appropriate stretching techniques, and for all students to discover areas where they personally excel. Good sportsmanship is encouraged and expected. This class can be taken for a full year or for just a semester. Fall classes focus on Soccer, football, lacrosse, obstacle courses and volleyball. Spring classes focus on basketball, hockey, track and field, general fitness, obstacle courses and volleyball.

**Supplies Needed:** SNEAKERS MUST BE WORN TO CLASS EACH WEEK, various sports equipment may be needed (but not required) such as basketballs, soccer balls, tennis racket, etc.

**Class Fee:** None

## Pilgrim's Progress (Fall)

**Homework:** E \*\*\* Extensive (Daily homework)

**Curriculum:**

**Summary:**

**Supplies Needed:**

**Class Fee:**

**Copy Fee:**

## Science Units

**Homework:** C \*\*\*\* Choice (Parent chooses between Light, Moderate, or Extensive options)

**Curriculum:** n/a

**Summary:** We will be covering a variety of topics, such as: Earth's atmosphere and weather, the solar system, classifying matter, ecosystems, magnets, and famous scientists, among others TBD. There will be several projects and short reports due throughout the year.

**Supplies Needed:** pencils, crayons, scissors, glue stick, 1" binder for storing handouts

**Class Fee:** \$5.00

**Copy Fee:** \$5.00

## **U.S. History**

**Homework:** M \*\* Moderate (2-3 hours of homework)

**Curriculum:** *The History of our United States: in Christian Perspective* A Beka Book Series

**Summary:** This is a history class that will have an emphasis on the history of the United States. Class time will be spent in discussion, timelines and fun activities. Homework will be assigned for this class.

**Supplies Needed:** *Abeka New World History & Geography (4th edition)* textbook and *Abeka New World History & Geography maps and activities*, scissors, glue sticks, pencils, colored pencils, 1/2" 3-ring binder

**Class Fee:** \$3.00

**Copy Fee:** \$7.00

## **U.S. Presidents**

**Homework:** M \*\* Moderate (2-3 hours of homework)

**Curriculum:** Various

**Summary:** This is a history class that will have an emphasis on the presidents and the time period during their term. Homework will also include some light research. Students will be expected to do one presentation of a president of their choosing. Class time will be spent in discussion, timelines, memorization and fun activities.

**Supplies Needed:** 3-ring binder, pencil, glue stick, scissors

**Class Fee:** \$10.00

**Copy Fee:** \$3.00



**Middle School [7th & 8th grade]**  
CLASSES LISTED ALPHABETICALLY

**Study Hall:** Please be aware that students in the study hall **MUST** have work to do as no talking is permitted. In lieu of study hall, students may also be with their parent or serve as a teen helper in classes where they are needed. Students will need the approval of leadership to serve as a teen helper.

### **BiblioPlan Year 4 : Modern Times**

**Homework:** M \*\* Moderate (2-3 days of homework)

**Curriculum:** BiblioPlan – Year 4, Modern

**Summary:** **BP Year Four** covers U.S., World and Church History from 1850 – 2001. On the **World History** side, Year Four covers an astonishing number of wars. From the Crimean War to prop up the dying Ottoman Empire, the Spanish-American War, the Russo-Japanese War, two Chinese-Japanese wars, the Mexican Revolution, World War I, the Russian Revolution, the Spanish Civil War, World War II, the Cold War, the Korean War, to the Vietnam War. On the **U.S. History** side, Year Four starts with the conflicts that almost tore the U.S. apart, covering the Civil War from beginning to end. Reconstruction, the great westward migration, the Transcontinental Railroad, wars on the Native Americans, to the Spanish-American War. We will cover the Gilded Age, the Roaring Twenties, Prohibition, the Great Depression, the Dust Bowl, the Red Scare, the Space Race and much more. On the **Church History** side, Year Four covers brave missionaries who carried the gospel to the places we cover—from Africa to India, China, Korea, Japan and more.

**Supplies Needed:** BiblioPlan Modern Companion (text) (ISBN 9781942405078), Hands On Map for Advanced, binder to keep notes, worksheets, etc. We will get a coop discount code of 20% that will be shared when we receive it in May.

1. You can elect to purchase either an e-copy or hard copy. For the text, I highly recommend a physical book but for the maps it doesn't matter much. On occasion, there is a colored star to find, etc, but it isn't hard to work around it and you could always send me an email for help.
2. If you have a high schooler, your middle schooler can use the same map book, but would need to use the Companion chapter to locate the items on the map and the mapping is more detailed.

**Class Fee:** \$10.00 (\$160.00 for non-participating families)

**Copy Fee:** \$5.00

### **Civics (Fall Semester)**

**Homework:** M \*\* Moderate (2-3 hours of homework)

**Curriculum:** *Our Constitution Rocks* by Juliette Turner

**Summary:** The Constitution is broken down clause by clause in a fun and relevant way. The excitement of the youthful author “breathes new life into an old document and reminds us why it remains one of the most important documents in world history”.

**Supplies Needed:** Pencils, 2” 3-ring binder & notebook paper

**Class Fee:** \$5.00 (\$100 for non-participating families)

**Copy Fee:** \$5.00

### **Creative Writing**

**Homework:** E \*\*\* Extensive (Daily homework)

**Curriculum:** *The Creative Writer Level One: Five Finger Exercises*

**Summary:** In this creative-writing curriculum, young writers of fiction learn vital skills such as point of view, characterization, plotting, dialogue, and description. Simple but innovative exercises encourage young writers to strengthen their vocabulary and become aware of the patterns of sentences. Students will be writing about one page each week.

**Supplies Needed:** *The Creative Writer Level One: Five Finger Exercises* (ISBN 978-1-933339-55-9), pencil, 3 ring binder with notebook paper (can be a combined binder with other classes).

**Class Fee:** None (\$160.00 for non-participating families)

**Copy Fee:** \$2.00

## General Science

**Homework:** E \*\*\* Extensive (Daily homework)

**Curriculum:** Apologia *Exploring Creation with General Science* Textbook, 3rd edition (2019)

**Summary:** This course is designed to be a student's first systematic introduction to the sciences. Using this brand-new textbook, we will cover such topics as the scientific method, astronomy, geology, paleontology, biology, general physics, environmental science and general chemistry. The course includes instruction on notetaking and writing a lab report. It will require that the student follow the daily syllabus and stay on track. Students should plan on spending approximately 30-45 minutes each day on General Science. Tests will be taken at home (monitored by parent) and will be turned in on Mondays for grading. There will also be occasional quizzes given in class.

**Supplies Needed:** Apologia *Exploring Creation with General Science* Textbook 3<sup>rd</sup> edition (ISBN 9781946506276). These editions are newly published in 2019 - see <https://www.apologia.com/3-general-science> or other sites to purchase this new version. Please **do not** purchase the Student Notebook or Test Solutions Manual. Also needed for the class are a calculator, notebook, paper, and pencil.

**Class Fee:** \$5.00 (\$220.00 for non-participating families)

**Copy Fee:** \$5.00

## Literature

**Homework:** M \*\* Moderate (2-3 days of homework)

**Curriculum:** Various literature selections and study guides

**Summary:** This will be a lighter, low-key literature class. We will read a total of 4-5 books for the year and focus on enjoying these books through discussion and worksheet activities. Students are encouraged, but not required, to register for both semesters. The booklist is yet to be determined.

The goal is to encourage a joy of reading, to draw out Christian themes and discuss them through a Biblical worldview, and to provoke discussions about the book and its characters. At the end of each book, students will write a short paper discussing what they've learned about some core things we've discussed concerning that book and present it to the class.

\*Please note that we will be discussing some sensitive topics in this class. As the topics arise in our reading we will discuss them and apply the Word of God to what we are learning. These topics may include, but will not be limited to: racism, the Holocaust, peer pressure, depression, bullying and survival during difficult times and circumstances.

**Supplies Needed:** Folder and pencil or pen for each class. Books from booklist {to be announced}.

**Class Fee:** None (\$100.00/semester or \$160/full year for non-participating families)

**Copy Fee:** \$5.00

## Light Science (STEAM/Forensics)

**Homework:** N No weekly homework. May include an occasional light assignment.

**Curriculum:** Various resources provided by teacher; Forensics portion will primarily include labs from *Detective Science* by Jim Wiese and *Crime Scene Investigations* by Walker and Wood

**Summary:** For the fall semester, students will explore a variety of topics related to STEAM—Science, Technology, Engineering, Art, and Math. This will be a hands-on, creative science class with little to no homework outside of class. An occasional assignment will be given for further research, but not graded. For the spring semester, we will delve into all things forensic science, from forgery to fingerprinting, bones to blood! Through project-based learning, students will investigate the procedures that forensic scientists follow at the scene of a crime. Again, an occasional assignment may be given for further research, but not graded.

**Supplies Needed:** 1” binder with lined paper, writing utensils, colored pencils, scissors, glue stick  
**Class Fee:** \$10.00 (\$100.00 for non-participating families)  
**Copy Fee:** \$5.00

## MS Safety

**Homework:** M \*\* Moderate (2-3 hours of homework)

**Curriculum:** Various resources

**Summary:** This class is intended to help meet the safety requirement under the PA homeschool law. We will use numerous resources. Homework will include weekly reading and answering questions. Topics covered include: Fire safety, food safety, weather safety, emergency preparedness, internet safety, first aid, and personal safety.

**Supplies Needed:** 3 ring binder/folder, notebook paper, and pencil.

**Class Fee:** \$3.00 (\$100.00 for non-participating families)

**Copy Fee:** \$2.00

## PA History

**Homework:** M \*\* Moderate (2-3 hours of homework))

**Curriculum:** N/A

**Summary:** Study of Pennsylvania’s history from colonial times to the present, including the diversity of its citizens, resources, map skills and state symbols, all presented through a Christian Perspective.

**Supplies Needed:** 3 ring binder. No book is required; Any additional materials will be provided by the teacher

**Class Fee:** \$5.00 (\$100 for non-participating families)

**Copy Fee:** \$5.00

## Phys. Ed.

**Homework:** N No weekly homework. May include an occasional light assignment

**Curriculum:** N/A

**Summary:** A physical education class that will include sports fundamentals and proper ball handling, group games, relays, etc. Included are opportunities to have a confident attitude toward exercise, learn appropriate stretching techniques and for all students to discover areas where they personally excel. Good sportsmanship is encouraged and expected. This class can be taken for a full year or for just a semester.

**Supplies Needed:** **SNEAKERS MUST BE WORN TO CLASS EACH WEEK**, various sports equipment may be needed (but not required) such as basketballs, soccer balls, tennis racket, etc.

**Class Fee:** None (For non-participating: \$90.00 Semester/ \$150.00 Full Year; \$90 Full Year with enrollment in other class(es))

## World Geography

**Homework:** E \*\*\* Extensive (Daily homework)

**Curriculum:** A Beka: *World Geography in Christian Perspective*

**Summary:** Throughout the year students will learn the many wonderful aspects of God’s creation as we “travel” around the world and see the beauty that each continent has to offer. Objectives for this course include: developing map skills, a review of the United States, the geographical layout of the world, an in-depth study of the seven continents and the cultures of our world.

**Supplies Needed:** *World Geography in Christian Perspective* 2<sup>nd</sup> Ed (code # 167797 or 16779702), World Geography Test and Quiz Book (code #167827), World Geography Maps Studies (code #167843), and a pencil.

**Class Fee:** None (\$160.00 for non-participating families)

**Copy Fee:** \$5.00

**Middle School/High School [7th – 12th grade]**  
CLASSES LISTED ALPHABETICALLY

**Study Hall:** Please be aware that students in the study hall **MUST** have work to do as no talking is permitted. In lieu of study hall, students may also be with their parent or serve as a teen helper in classes where they are needed. Students will need the approval of leadership to serve as a teen helper.

### **7 Habits of Highly Effective Teens**

**Homework:** L \* Light (1-2 hours of homework)

**Curriculum:** *7 Habits of Highly Effective Teens* by Sean Covey

**Summary:** This class will read through and discuss each of the 7 habits that will equip students with study tools and lifestyle skills that allow them to excel academically. Most homework will involve making entries in the personal workbook.

**Supplies Needed:** *7 Habits of Highly Effective Teens* (ISBN: 1476764662), *7 Habits of Highly Effective Teens Personal Workbook: Revised and Updated Edition* (ISBN: 1476764689)

**Class Fee:** None (\$100.00 for non-participating families)

**Copy Fee:** \$3.00

### **Algebra 1 (Full Year)**

**Homework:** E \*\*\* Extensive (Daily homework)

**Curriculum:** Math-U-See Algebra 1

**Summary:** This class will use Algebra 1 published by Math-U-See, Inc. Math-U-See Algebra 1 integrates text,

DVD, and manipulatives to teach all basic algebra concepts. These include solving for an unknown; solving simultaneous equations by graphing, substitution, and elimination; square roots; and dividing polynomials.

\*Prerequisite: Students must have completed Pre-Algebra.

**Supplies Needed:** Math-U-See Student Pack – includes Algebra 1 Student Workbook (ISBN 978-1-60826-032-4) and Tests AND Instruction Pack – includes Instruction Manual (ISBN 978-1-60826-031-7) and DVD. This is only available new directly from Math-U-See at [www.mathusee.com](http://www.mathusee.com). If

you purchase used, it must be the current edition (c2009).

**Class Fee:** None (\$160.00 for non-participating families)

### **Arduino Programming & Electronics (Fall)**

**Class size limit:** 10 students

**Homework:** C \*\*\*\* Choice (Parent chooses between Light, Moderate, or Extensive options)

**Curriculum:** *Programming Arduino: Getting Started with Sketches*

**Summary:** Students will dive into the world of programming basic electronics with C Language basics using the Arduino interface. You will program and use technology to create microcontroller-based projects. We will build and code simple projects in class. Optional homework will be a combination of reading and building. Quizzes based on the reading will be given to reinforce learning. No previous programming or electronics experience necessary. This is a basic course.

**Supplies Needed:** Laptop with usb connections, folder, [Mega 2560 R3 Project Starter Kit](#) or [UNO Project Super Starter Kit](#) (including tutorials and CD), and *Programming Arduino: Getting Started with Sketches*, 2nd Ed by Simon Monk

**Class Fee:** \$10.00 (\$100 for non-participating families)

## Art (Fall)

**Homework:** N No weekly homework. May include an occasional light assignment.

**Curriculum:** N/A

**Summary:** In this class we will be using some different processes to create art. By using a variety of media and techniques students will make art projects with layers, texture, and depth. Some projects will take more than one week to complete.

**Supplies Needed:** pencil, water colors , colored pencils, scissors, glue stick, may request additional supplies throughout the semester.

**Class Fee:** \$10.00 (\$100.00 for non-participating families)

## Career Exploration

**Homework:** M \*\* Moderate (2-3 hours of homework)

**Curriculum:** An online Occupational Education course

**Summary:** In this class, we will be discovering the person God made you to be through insightful assessments and conversations about your personality, skills, life values, and vocational interests. We will learn about different careers, develop resumes, and learn the interview process.

**Supplies Needed:** Laptop or tablet with ability to connect to wi-fi, and a small binder or folder with note paper.

**Class Fee:** None (\$100.00 for non-participating families)

**Copy Fee:** \$3.00

## Cooking

(Class size limit: 8 students)

**Homework:** N No weekly homework. May include an occasional light assignment.

**Curriculum:** N/A

**Summary:** The same cooking class will be offered in the Fall and Spring semesters. Students will be following recipes and actively preparing a wide variety of food. Recipes and ingredients will be kept simple. We will complete most of the recipes at co-op and students will be sent home with a sampling along with the recipe so they can create it again at home. I will try to incorporate what balanced meals should look like and some food nutrition guides as well. Students will be responsible to clean up kitchen and do the dishes used in class

**Supplies Needed:** Occasionally you will be asked to bring in recipe ingredients or cooking/baking utensils.

**Class Fee:** \$30.00 (Fall) and \$35 (Spring) (\$100.00/semester or \$160/year for non-participating families)

## Digital Photography (Fall)

**Homework:** M \*\* Moderate (2-3 hours of homework)

**Curriculum:** Fundamentals of Photography by Great Courses

**Summary:** (Note: The same course will be taught both semesters.) We will be watching a video series together in class, from Great Courses called the Fundamentals of Photography. The class will receive photography challenges based on the specific skills we cover in class. The emphasis of this class will be to photograph and practice what they are learning. The students will be required to photograph 1 to 2 hours every week and submit their favorite work to our class's shared Google photo album. The class fee will cover getting selected photos printed.

**Supplies Needed:** Digital camera with aperture and shutter-speed options, camera cords or card reader and a home computer with internet access.

**Class Fee:** \$10.00 (\$100.00 for non-participating families)

## Fiber Art (Spring)

**Homework:** L \* Light (1-2 hours of homework)

**Curriculum:** Various selections

**Summary:** Fiber art refers to fine art whose material consists of natural or synthetic fiber and other components, such as fabric or yarn. This course will explore the world of macrame, crocheting, string art and a mystery project. Love to create with your hands using string, yarn, cords, nails and hooks, then join us and learn or strengthen your skills in the finer arts.

**Supplies Needed:** Yarn, size 10 Crochet thread, size J Crochet hook, hammer, wood, scissors.

**Class Fee:** \$10.00 (\$100.00 for non-participating families)

**Copy Fee:** None

## **Guide to the Bible (Fall / Spring)**

**Homework:** L \* Light (1-2 hours of homework)

**Curriculum:** *Rose Chronological Guide to the Bible*

**Summary:** As we go through each book of the bible we will highlight important people and events.

In the fall semester, we will be searching for Messianic prophecies throughout the Old Testament, looking at the symbolism in the tabernacle and temple, along with God's covenants to his people. In the spring semester we will be going through the New Testament and follow the life of Jesus, his radical teaching at that time, his second coming, and the restoration of all things!

**Supplies Needed:** *Rose Chronological Guide To The Bible*. (ISBN 978-162862-807-4)

**Class Fee:** \$3.00 (\$100.00/semester or \$160/year for non-participating families)

**Copy Fee:** \$3.00

## **History of Theater**

**Homework:** M \*\* Moderate (2-3 hours of homework)

**Curriculum:** *The Oxford Illustrated History of Theatre*, by John Russell Brown (Editor) Oxford University Press, ISBN ( 978-0192854421)

**Summary:** This course is intended to help the student understand the birth and growth of theater through the greatest achievements over 4,500 years, from tribal festival, to performances in ancient Egypt to international, multicultural drama in the late twentieth century, and from Sophocles and Aristophanes to George Gershwin to modern day playwrights. We will learn the full spectrum of dramatic representation, which integrates how the backstage scenes and sets evolved, the role of musicians, light, sound and equipment, and finally the crucial role of the audience. A 10 page paper will be assigned for those needing this credit for a diploma distinction.

**Supplies Needed:** *The Oxford Illustrated History of Theatre*, a notebook or binder, pens/pencils

**Class Fee:** None (\$100.00 for non-participating families)

**Copy Fee:** \$3.00

## **Music Appreciation**

**Homework:** L \* Light (1-2 hours of homework)

**Curriculum:** Various

**Summary:** This class will provide a brief overview of musical composers/artists and genres throughout time.

**Supplies Needed:** TBD

**Class Fee:** None (\$100.00 for non-participating families)

**Copy Fee:** \$3.00

## **Physical Science (Full Year)**

(Class Size limit: 12 students)

**Homework:** E \*\*\* Extensive (Daily homework)

**Curriculum:** *Apologia Exploring Creation with Physical Science* 3<sup>rd</sup> Edition

**Summary:** The course covers topics of the atmosphere, the hydrosphere, weather, the structure of the earth, environmentalism, the physics of motion, Newton's Laws, gravity, and the solar system. The math prerequisite for the class is 7th grade math. Each week students can expect some combination of reading and answering

questions from the text, completing workpages and study guides in the notebook (1-2 pages) to reinforce the material, and writing a lab report or a lab summary. This requires that the student follow the daily syllabus and stay on track. Students should plan on spending approximately 30-45 minutes each day on Science. Tests will be taken at home (monitored by parent) and will be turned in for grading. There will also be occasional quizzes given in class.

**Supplies Needed:** *Apologia Exploring Creation with Physical Science* textbook and Solutions/Test Manual, 3rd edition (ISBN 9781946506511), 3rd edition Student Notebook (ISBN 9781946506542), folder, paper, pencil, and scientific calculator.

**Class Fee:** \$30.00 (\$220.00 for non-participating families)

**Copy Fee:** \$5.00

### **The Truth Project (Spring)**

**Homework:** M \*\* Moderate (2-3 hours of homework:

**Curriculum:** The Truth Project (Focus on the Family)

**Summary:** Truth is not simply an academic concept. The way we think about truth has a direct bearing upon the way we live our lives. What's more, our understanding of right and wrong is directly dependent on our worldview: Is the universe God's creation or a closed cosmic cube? The Truth Project during these weeks will help students to sort all of this out. Your future may depend on it. For more information please visit the website: <http://www.thetruthproject.org/>

**Supplies Needed:** *The Truth Project Study Guide* from Focus on the Family

**Class Fee:** None (\$100.00 for non-participating families)

**Copy Fee:** \$2.00

**High School [9th – 12th grade]**  
CLASSES LISTED ALPHABETICALLY

**Study Hall:** Please be aware that students in the study hall **MUST** have work to do as no talking is permitted. In lieu of study hall, students may also be with their parent or serve as a teen helper in classes where they are needed. Students will need the approval of leadership to serve as a teen helper.

**Advanced Human Biology: Anatomy & Physiology (Full Year)**

(Class size limit: 12 students)

**Homework:** E \*\*\* Extensive (Daily homework) - a minimum of one hour per day

**Curriculum:** Apologia *Advanced Biology in Creation: The Human Body*, 2<sup>nd</sup> edition

**Summary:** This class will cover an in depth review of all the systems of the human body. Labeling various anatomy parts and studying of terms will be done. This is an advanced biology course. Dissection is part of the course, as well as microscope work for histology study. There will be frequent quizzes. A term paper will be assigned in the second semester. **\*PREREQUISITES:** *In order to take this course, the student MUST have successfully completed a first-year biology course AND a first-year chemistry course (The chemistry covered in Physical Science is acceptable).*

**Supplies Needed:** Apologia *Advanced Biology in Creation: The Human Body*, 2<sup>nd</sup> edition 2-book set (Textbook and Solution & Test Manual) ISBN 9781940110110, The Anatomy Coloring Book, 4<sup>th</sup> edition by Wynn Kapit and Lawrence M. Elson, notebook, colored pencils (need at least 24 colors – can be found at AC Moore)

**Class Fee:** \$35.00 (\$220.00 for non-participating families)

**Copy Fee:** \$5.00

**Algebra 2 (Full Year)**

**Homework:** E \*\*\* Extensive (Daily homework)

**Curriculum:** Math-U-See Algebra 2

**Summary:** This class will use Algebra 2 published by Math-U-See, Inc. Math-U-See Algebra 2 integrates text, DVD, and manipulatives to teach all basic algebra concepts. These include solving for an unknown; solving simultaneous equations by graphing, substitution, and elimination; square roots; and dividing polynomials.

\*Pre-Requisite: Students must have completed Algebra 1.

**Supplies Needed:** Math-U-See Algebra 2 copyright 2010: Student Text (ISBN# 978-1-60826-040-9) and Test Booklet (ISBN# 978-1-60826-041-6) AND Instructor Manual with Lesson Book and DVD (978-1-60826-039-3). These are purchased together as the Student. If you purchase used, it must be the current edition (2010).

**Class Fee:** None (\$160.00 for non-participating families)

**BiblioPlan Year 4 : Modern Times**

**Homework:** M \*\* Moderate (2-3 days of homework)

**Curriculum:** BiblioPlan – Year 4, Modern

**Summary:** **BP Year Four** covers U.S., World and Church History from 1850 – 2001. On the **World History** side, Year Four covers an astonishing number of wars. From the Crimean War to prop up the dying Ottoman Empire. the Spanish-American War, the Russo-Japanese War, two Chinese-Japanese wars, the Mexican Revolution, World War I, the Russian Revolution, the Spanish Civil War, World War II, the Cold War, the Korean War, to the Vietnam War. On the **U.S. History** side, Year Four starts with the conflicts that almost tore the U.S. apart, covering the Civil War from beginning to end. Reconstruction, the great westward migration, the Transcontinental Railroad, wars on the Native Americans, to the Spanish-American War. We will cover the Gilded Age, the Roaring Twenties, Prohibition, the Great Depression, the Dust Bowl, the Red Scare, the Space Race and much more. On the **Church History** side, Year Four covers brave missionaries who carried the gospel to the places we cover—from Africa to India, China, Korea, Japan and more.



**Supplies Needed:** BiblioPlan Modern Companion (text) (ISBN 9781942405078), Hands On Map for Advanced, binder to keep notes, worksheets, etc. We will get a coop discount code of 20% that will be shared when we receive it in May.

3. You can elect to purchase either an e-copy or hard copy. For the text, I highly recommend a physical book but for the maps it doesn't matter much. On occasion, there is a colored star to find, etc, but it isn't hard to work around it and you could always send me an email for help.
4. If you have a high schooler, your middle schooler can use the same map book, but would need to use the Companion chapter to locate the items on the map and the mapping is more detailed.

**Class Fee:** \$10.00 (\$160.00 for non-participating families)

**Copy Fee:** \$5.00

## **Biology (Full Year)**

**(Class size limit: 12 students)**

**Homework:** E \*\*\* Extensive (Daily homework)- a minimum of one hour per day

**Curriculum:** Apologia *Exploring Creation with Biology*, 2<sup>nd</sup> Edition

**Summary:** This class provides a strong background in scientific method, the five-kingdom classification scheme, microscopy, biochemistry, cellular biology, molecular and Mendelian genetics, evolution, dissection, and ecosystems. It also provides a complete survey of the five kingdoms in Creation. This class does not contain a discussion of human anatomy and physiology. Dissection is included in the class. Science roots to accompany the course will be taught. Frequent quizzing will be included. **\*Note:** Quizzes need to have a passing grade to participate in dissections.

**Supplies Needed:** Apologia *Exploring Creation with Biology*, 2<sup>nd</sup> edition (ISBN 978-1-932012) text, Solutions and Test manual, and colored pencils – at least a 24 pack. The Companion CD-ROM is recommended, but not required.

**Class Fee:** \$35.00 (\$220.00 for non-participating families)

**Copy Fee:** \$5.00

## **Geometry (Full Year)**

**Homework:** E \*\*\* Extensive (Daily homework)

**Curriculum:** Math-U-See *Geometry*

**Summary:** The class will use Geometry published by Math-U-See, Inc., which integrates text and DVD to teach geometry concepts. It will cover topics such as points, lines, planes, angles, circles, triangles, quadrilaterals, Pythagorean Theorem, conic sections, proofs, and more.

**\*Prerequisite:** *Students must have completed Pre-Algebra and Algebra I*

**Supplies Needed:** Math-U-See **Student Pack** – includes Geometry Student Workbook (ISBN #978-1-60826-036-2) and Tests AND **Instruction Pack** – includes Instruction Manual (ISBN 978-1-60826-035-5) and DVD. If you purchase used, it must be the current edition.

**Class Fee:** None (\$160.00 for non-participating families)

## **Intro to Political Systems**

**Homework:** M \*\* Moderate (2-3 hours of homework)

**Curriculum:** N/A

**Summary:** \*Prerequisite: Civics\* Delve into the world of politics (State, National, and Globally). This course will consist of instruction and discussion about the various political systems in use today. Some history will be included in order to understand the context of a situation.

**Supplies Needed:** Paper, pens, folder, access to a home computer/laptop.

**Class Fee:** None (\$160.00 for non-participating families)

## **Literature (Fall / Spring)**

**Homework:** E \*\*\* Extensive (Daily homework)

**Curriculum:** Various

**Summary:** This literature and composition course will expand on literary analysis. It shows students how to look at elements and devices of literature while building and exercising Christian discernment. It will teach students how to spot and critique various literary and rhetorical devices, as well as the worldviews and implications of the texts. Students will write a literary analysis essay for each book, using correct form and citations. In addition to reading the novels, this course may include an oral report, multiple literary analysis essays, quizzes, and tested vocabulary learning. \*\*Note this is a high school level course. Some of these selections may contain subjects that would be sensitive in nature. However, they will be approached through a Christian perspective.

Fall: TBD

Spring: TBD

**Supplies Needed:** The teacher's selection of novels (print or audio), highlighters, pens, and either a 1-inch binder or space in a larger binder to add the provided worksheets and dividers for this class.

**Class Fee:** \$20.00 per semester (\$100 semester; \$160.00 full-year for non-participating families)

**Copy Fee:** \$2.00

### **Personal Finance (Full Year)**

**Homework:** M \*\* Moderate (2-3 hours of homework)

**Curriculum:** *Foundations in Personal Finance*: High School Edition for Homeschool

**Summary:** This course contains 4 main units which will review saving and budgeting, credit and debt, financial planning and insurance, income, taxes, and giving. In addition to DVD lessons taught by Dave Ramsey and his team, this course uses student workbook exercises to help students gain a working understanding of a variety of financial topics and to apply this knowledge to their personal financial situations. Students will also use critical thinking skills and class discussion to evaluate this material and compare and contrast it with other approaches to money management and Christian stewardship.

**Supplies Needed:** *Foundations in Personal Finance* – High School Edition for Homeschool Student Text (can be found on [daveramsey.com](http://daveramsey.com), [christianbook.com](http://christianbook.com), and [rainbowresource.com](http://rainbowresource.com)).

**Class Fee:** None (\$160.00 for non-participating families)

**Copy Fee:** \$2.00

### **Phys. Ed**

**Homework:** N No weekly homework. May include an occasional light assignment

**Curriculum:** N/A

**Summary:** 10/40/10-10 minute warm-up before every class, 40 minutes of activity (basketball, football, soccer, dodge ball, etc.), 10 minutes of cool down and clean up time. Activities will vary depending on weather, indoor/outdoor activity, etc. We will do as much outdoor activity as possible. This class will do different things during the fall and spring semesters. We have divided it up so that students could sign up for just one semester or for the whole year.

**Supplies Needed:** Each student should bring a soccer ball when asked (usually 3 classes in the fall)

**SNEAKERS MUST BE WORN TO CLASS, ANY STUDENT NOT WEARING SNEAKERS TO CLASS WILL NOT BE ALLOWED TO PARTICIPATE.**

**Class Fee:** None (For non-participating: \$45.00 Semester/ \$90 Full Year with enrollment in other class(es))

### **Physics (Full Year)**

(Class size limit: 10 students)

**Homework:** E \*\*\* Extensive (Daily homework)

**Curriculum:** Apologia *Exploring Creation with Physics*, 2<sup>nd</sup> Edition

**Summary:** (From the Christianbook.com website) It provides a detailed introduction to the methods and concepts of general physics. Heavily emphasizing vector analysis. It provides the student with a strong background in one-dimensional and two-dimensional motion, Newton's laws and their application, gravity, work and energy, momentum, periodic motion, waves, optics, electrostatics, electrodynamics, electrical circuits, and magnetism. **\*Prerequisite:** Must have completed algebra and geometry and had an introduction to the definitions of sine, cosine, and tangent.

**Supplies Needed:** Apologia *Exploring Creation with Physics*, 2<sup>nd</sup> edition (ISBN 193012427) text, Solutions and Test manual (ISBN: 193-2012435), pencils, binder, and scientific calculator.

**Class Fee:** \$33.00 (\$220.00 for non-participating families)

**Copy Fee:** \$2.00

## Pre-Calculus

**Homework:** E \*\*\* Extensive (Daily homework)

**Curriculum:** Math-U-See *Pre-Calculus with Trigonometry*

**Summary:** This course integrates text and DVD instruction to teach concepts including, but not limited to trigonometry, identities, polar equations, logarithms, sequences, limits, angles of elevation and depression, special right triangles, and more.

**\*Prerequisite:** *Students must have completed Algebra I, Geometry, and Algebra 2, or comparable courses.*

**Supplies Needed:** Math-U-See **Student Pack** – includes Pre-Calc Student Workbook and Tests (ISBN 978-1-60826-044-7) AND **Instruction Pack** – includes Instruction Manual (ISBN 978-1-60826-043-0) and DVD. If you purchase used, it must be the current edition. (Note: The new **Universal Pack** includes all necessary texts at a bundled cost). Protractor, ruler, scientific calculator that does square roots, trigonometric functions, logarithms, and natural log.

**Class Fee:** None (\$160.00 for non-participating families)

## Psychology (Full Year)

**Homework:** E \*\*\* Extensive (Daily homework)

**Curriculum:** Psychology: A Christian Perspective, High School Edition

**Summary:** This could be counted as a science course as long as the teacher is aware at the beginning of the class to assign lab reports. Students who are not counting it as a science will trade labs for a research paper. Class participation is based on discussion questions assigned for homework from the text. A DVD about the human brain will also be shown in some classes. A final project will be assigned and shown at the Learning Fair.

**Supplies Needed:** Textbook: Psychology: A Christian Perspective, High School Edition (ISBN #9780981558721), 3-ring binder, and a Homework folder

**Class Fee:** \$20 to cover materials for experiments

**Copy Fee:** None (\$160.00 for non-participating families)

## Research Paper

**Homework:** E \*\*\* Extensive (Daily homework)

**Curriculum:** *Research in Increments* by Susan Kemmerer (ISBN# 978-0-9758543-1-0)

**Summary:** This class will focus on developing research skills, organizing a paper, documenting sources, and writing a 6-10 page research paper. Ninth and tenth grade students will write at least 6 pages, and eleventh and twelfth grade students will write at least 8 pages. The maximum page length for all grades will be 10 pages. Students should be proficient at creating solid paragraphs and writing 5-paragraph essays before taking this class. **This is not a writing instruction class.** Class time will include lecture, research, and writing. This class will have extensive homework, and parental guidance is necessary for success in this course. Parents should be willing to assist in the research and editing process.. Students will need to bring their research materials to class at different points throughout the semester for in-class work. In addition, students will need to read sections from the textbook and do -activities related to the research process. (\*Note: The same class will be taught in the Fall and Spring

**Supplies Needed:** Students will need a copy of the book *Research in Increments*, a notebook, a folder, and note cards. You may purchase the official MLA Handbook, 9th Edition, if you prefer a hardcopy reference for citation over Purdue OWL's resources at [Purdue OWL® - Purdue OWL® - Purdue University](#). This is an option and not required.

**Class Fee:** \$4 (\$100.00 for non-participating families)

**Copy Fee:** \$4

## SAT Prep

**Homework:** M \*\* Moderate (2-3 hours of homework)

**Curriculum:** The Official College Board SAT Study Guide 2020 edition

**Summary:** Review every skill and question type needed for SAT success, additional instruction, guidance, and test information. Be ready for the SAT with strategies and up-to-date information straight from the exam writers. 8 total practice tests to be reviewed and practiced both in class and at home.

**Supplies Needed:** **The Official College Board SAT Study Guide 2020 edition (ISBN #13-978-1457312199)**

**Class Fee:** \$10 (\$100.00 for non-participating families)

**Copy Fee:** \$2

## Short Story Literature

**Homework:** E \*\*\* Extensive (Daily homework)

**Curriculum:** TBD

**Summary:** Students will read and analyze a variety of short stories. They will analyze elements of fiction, such as characterization, theme, setting, point of view, and conflict. In addition to assigned reading, students will complete activities and writing exercises that support analytical reading. Students will write at least one five-paragraph essay.

**Supplies Needed:** Students will need access to the story selections (TBD), a notebook, folder, sticky notes, and a pack of highlighters.

**Class Fee:** \$5 (\$100.00 for non-participating families)

**Copy Fee:** \$4

## Spanish 1 (Full Year)

**Homework:** E \*\*\* Extensive (Daily homework)

**Curriculum:** BJU [Spanish 1 \(Chapters 1-6\)](#)

**Summary:** Spanish 1 introduces students to beginning Spanish. Topics covered will include greetings, alphabet, calendar, time, numbers, people, descriptions, nationalities, family members, household objects, classroom objects and transportation. Students will be able to talk about themselves and others in the present tense and carry on simple conversations.

**Supplies Needed:** Pencil, 3-ring binder (for Spanish only) with 4 dividers, index cards, BJU Spanish 1 2ed. Textbook (ISBN 9781606820612), BJU Spanish 1 Activity Manual (ISBN 1591661692), and DVD or Online Lessons. The lessons include the needed textbook & activities manual so you don't need to buy them separately.

Online-Rental of the DVD/download is recommended and can be found on the BJU website or at homeschool

conventions (<https://www.bjupresshomeschool.com/product/421735>)

**Class Fee:** \$10.00 (\$160.00 for non-participating families)

**Copy fee:** \$3.00

## Spanish 2 (Full Year)

**Homework:** E \*\*\* Extensive (Daily homework)

**Curriculum:** BJU [Spanish 1](#)

**Summary:** Spanish 1b continues to build on the foundation of Spanish; verb conjugation, calendar, time, numbers, people, descriptions, nationalities, family members, household objects, animals, sports, food, colors, cities, transportation, and clothing. Students will be able to talk about themselves and others in the present, past, and future tenses and carry on simple conversations. Students will learn how to ask and answer questions in Spanish and give and follow directions. There will be one project due in the spring. *\*Prerequisite – Students must have taken the HS Spanish 1 to enroll in Spanish 2.*

**Supplies Needed:** Pencil, 3-ring binder, BJU Spanish 1 2ed. Textbook (ISBN 9781606820612), BJU Spanish 1 Activity Manual (ISBN 1591661692), and DVD Lessons. Online-Rental of the DVD/download is recommended and can be found on the BJU website or at homeschool conventions

(<https://www.bjupresshomeschool.com/product/421735>)

**Class Fee:** \$10.00 (\$160.00 non-participating families)

**Copy Fee:** \$3.00