

# CHASE Academy Course Catalog 2022-2023 School Year

(Version Dated 3/17/2022)

This catalog includes information about all classes to be offered at CHASE Academy during the 2022-2023 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 and catalog terminology:

**Grade Level:** Approximate grade level of material presented ([K3/4](#), [K5](#), [E1/2](#), [E3/4](#), [E5/6](#), [MS](#), [MS/HS](#), 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 a 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 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.

**High School Chemistry:** Galen Hershey has taught Chemistry previously at CHASE, as well as High School sciences privately and at other co-ops. He is looking forward to working with our students this year. HS Chemistry will be offered as a 2-hour block consisting of lecture and instruction the first hour and a lab the second hour. The text being used is *Introductory Chemistry: A Foundation, 4<sup>th</sup> Edition* (ISBN# 978-0395955369). CHASE has a limited number of textbooks that may be borrowed for the academic year. The course fee is \$230. Payments are to be paid for by the year directly to Galen Hershey.

**High School Literature:** Keith Long, is an alumni of CHASE, 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 CHASE, 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.

**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."

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

### CLASSES LISTED BY PERIODS

#### Math & ABC Time

#### 1st Period-Full Year

**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 practice counting to thirty, recognizing numbers 1-10, writing numbers 1-10, and practice math concepts through the use of manipulatives, games, and songs. Concepts will include 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:** None needed.

**Class Fee:** \$10.00

#### Free Play/Snack

#### 2nd Period-Full Year

**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:** None

#### Circle Time

#### 3rd Period-Full Year

**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 will be provided unless your child would rather bring one in from home and keep it in their backpack.

**Class Fee:** \$5.00

**Copy Fee:** \$5.00

#### Quiet Time/Story Time

#### 4th Period-Full Year

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

**Curriculum:** N/A

**Summary:** This will be a time for children to relax. They may listen to a story or watch a short video.

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

**Class Fee:** None

#### Free Play

#### 5th Period-Full Year

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

**Summary:** Children will be given a period of supervised free play.

**Supplies Needed:** None

**Class Fee:** None

**K5 [5-6 year olds]**  
CLASSES LISTED BY PERIOD

**Seasonal Themes**

**1<sup>st</sup> Period-Full Year**

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

**Curriculum:** N/A

**Summary:** Children will participate in numerous cross-curricular 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 will receive easy-readers to keep as they begin the reading process.

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

**Class Fee:** \$10.00

**Copy Fee:** \$5.00

**Literature/Phonics**

**2<sup>nd</sup> Period-Full Year**

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

**Curriculum:** Various

**Summary:** Each week we will read a few books on a theme. We will have fun discussing, answering questions, and completing activities to go along with each topic. Phonetic concepts will also be incorporated with either the story and/or activity.

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

**Class Fee:** \$5.00

**Copy Fee:** \$5.00

**Free Play/Snack**

**3<sup>rd</sup> Period-Full Year**

**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

**Math**

**4<sup>th</sup> Period-Full Year**

**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, weekly worksheets will be sent home that your child may choose to complete and return for an opportunity to pick a prize out of the prize box.

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

**Class Fee:** \$5.00

**Copy Fee:** \$5.00

**Science**

**5<sup>th</sup> Period-Full Year**

**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, etc.

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

**Class Fee:** \$5.00

**Copy Fee:** \$5.00

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

**Phys. Ed.**

**1st Period-Full Year**

**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

**Read/Write**

**2nd Period-Fall & Spring**

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

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

**Summary:** This class will introduce basic grammar skills, practice writing skills, and involve in class read-alouds with follow-up questions, worksheets and fun activities done together. It 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. **Student must know how to write the alphabet.** (Note: The same class will be taught both semesters. The fall semester is geared toward second graders, the spring semester toward first graders.)

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

**Class Fee:** \$5.00

**Copy Fee:** \$4.00

**Fun Math**

**2nd Period-Fall & Spring**

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

**Curriculum:** N/A

**Summary:** This class will provide opportunities for students to improve their understanding 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 some 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 geared toward first graders, the spring semester toward second graders.)

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

**Class Fee:** \$2.00

**Copy Fee:** \$2.00

**Astronomy**

**3rd Period-Full Year**

*(Class size limit: 12 students)*

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

**Curriculum:** *Apologia Exploring Creation with Astronomy*

**Summary:** E1/2 Astronomy will be a full year course using the Apologia Exploring Creation with Astronomy textbook as well as the new Junior Notebooking Journal. Siblings can share a textbook, but each individual will need their own Notebooking Journal. This class is very appropriate for older grades as well. Topics include: what is Astronomy, the Sun, Mercury, Venus, Earth, the Moon, Mars, Space Rocks, Jupiter, Saturn, Uranus & Neptune, Pluto & the Kuiper Belt, stars and galaxies, space travel. We will spend 2 weeks in each chapter. Awesome experiments, hands on activities and lapbooks will be done in class. Some activities include making a rocket, building Olympus Mons, making ice cream, and a constellation, a compass and a moon mobile, a solar eclipse, pinhole viewing box. In order to accomplish all these fun hands on activities in class you will have weekly reading in the textbook.

**Supplies Needed:** *Apologia Exploring Creation with Astronomy* textbook ISBN: 9781940110585 (Second edition, c. 2016) and *Apologia Exploring Creation with Astronomy Junior Notebooking Journal* ISBN: 9781940110738  
**Class Fee:** \$10.00

## Space

### 3rd Period- Fall

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

**Curriculum:** Evan-Moore's *Exploring Space* as well as various other materials

**Summary:** Students will study various topics relating to space and our solar system, which will be taught with a variety of worksheets, books & hands-on activities.

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

**Class Fee:** \$5.00

**Copy Fee:** \$4.00

## General Science

### 3rd Period -Spring

**Homework:** L ★ Light (1-2 days 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 may include electricity, Newton's Laws, biology, chemistry, botany, and geology.

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

**Class Fee:** \$5.00

**Copy Fee:** \$3.00

## Music

### 4th Period-Fall

**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 previous year as well as new material.

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

**Class Fee:** None

**Copy Fee:** \$3.00

## Seasonal Activities

### 4th Period-Fall

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

**Curriculum:** N/A

**Summary:** Students will participate in numerous, across-the-curriculum activities/crafts relating to a weekly theme. Themes are subject to change.

**Supplies Needed:** Pencil, crayons, scissors, glue sticks, and white glue.

**Class Fee:** \$10.00

**Copy Fee:** \$2.00

## Art

### 4th Period-Spring

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

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

**Summary:** This class will consist of hands-on activities which will introduce students to the seven elements of art and discuss how these elements can be observed in the styles and works of famous artists including Matisse, Klee, Cezanne, and/or Van Gogh.

**Class Fee:** \$10.00

**Copy Fee:** \$2.00

## **Legos**

**4th Period-Spring**

**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

## **Native Americans**

**5th Period-Fall & Spring**

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

**Curriculum:** Evan-Moore's *Native Americans* and various other materials

**Summary:** This class will learn about the history of Native Americans. We will discuss the different tribes. We will do activities relating to what we are discussing. (Note: The same class will be offered both semesters)

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

**Class Fee:** \$5.00

**Copy Fee:** \$5.00

## **Famous Americans**

**5h Period-Fall & Spring**

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

**Curriculum:** *U.S. History Little Books Famous People*

**Summary:** Each week we will learn about a famous American and do a craft that goes along with them. (Note: The same class will be offered both semesters)

**Supplies Needed:** Pencil, crayons, colored pencils, scissors and glue stick. No markers please.

**Class Fee:** \$5.00

**Copy Fee:** \$5.00

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

**Apologia Zoology 1: Flying Creatures**

**1st Period-Full Year**

(Class size limit: 12 students)

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

**Curriculum:** *Apologia Exploring Creation with Zoology 1: Flying Creatures*

**Summary:** Children will begin exploring the dynamics of flight and animal classification, learn about bats, and how to attract birds to your yard and identify them. The course will also include entomology, the study of insects. They'll learn to scientifically classify insects they find in their yard by a simple glance at their wings and other important characteristics. 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 keep a 3-ring binder/notebook to record what they have learned. Class time will be spent reviewing the material read at home, sharing notebook entries, and doing activities associated with the subject.

**Supplies Needed:** *Apologia Exploring Creation with Zoology 1* textbook (ISBN: 978-1932012613), *Apologia Exploring Creation with Zoology 1 JUNIOR Notebooking journal* (ISBN: 978-1935495604), glue stick, pencils, markers/crayons, scissors.

**Class Fee:** \$10.00

**Copy Fee:** \$2.00

**Snap Circuits**

**1st Period-Fall**

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

**Curriculum:** *Snap Circuits Student Guide Junior* (for the SC-100 set)

**Summary:** Following the "learning by doing" concept, electronics will be easy for students to understand by using Snap Circuits to build circuits as they learn about them. The class will construct projects each week learning about switches, lamps, motors, resistors, etc.

**Supplies Needed:** Pencils

**Class Fee:** None

**Copy Fee:** \$3.00

**Human Body**

**1st Period-Spring**

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

**Curriculum:** *The Body Book*

**Summary:** Students will create paper models of several body systems, which will enable them to associate the name of a body part with what it looks like, where it is located in the body and what it does. We will place each of these models together on poster board to form a life size human body model with its organs and systems. We will be playing review games as time permits. This class will require the student to follow directions. They must label (some labeling will already be done), color, cut and tape together paper body parts.

**Supplies Needed:** glue stick, scissors, scotch tape, white glue or school glue, colored pencils or crayons, and fine tip black marker or erasable black ink pen (preferred).

**Class Fee:** \$5.00

**Copy Fee:** \$9.00

**E3/4 Phys. Ed.**

**2nd Period-Fall/Spring**

**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



## **Writing (to include LA)** (Class size limit: 10 students)

**3rd Period-Full Year**

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

**Curriculum:** BJU's *English 4*

**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 BJU *English 4* 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:** BJU's *English 4* worktext (2nd Edition), ISBN #978-1-59166-916-6. Parents have the option of purchasing the BJU *English 4* (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:** \$8.00

**Copy Fee:** \$3.00

## **Light IEW Writing: All Fables, Myths, Fairy Tales**

**3rd Period: Full Year**

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

**Curriculum:** *Institute for Excellence in Writing*

**Summary:** The class will provide a gentle introduction to the IEW writing style. Students will learn how to take notes and summarize narrative stories. They will write from pictures to develop "key word outlines" and stories of their own. Students do NOT need prior instruction in the IEW writing methods to take this course.

**Supplies Needed:** Binder, paper, pencils, colored pencils

**Class Fee:** \$5.00

**Copy Fee:** \$5.00

## **PA History**

**4<sup>th</sup> Period-Fall**

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

**Curriculum:** *Pennsylvania keystones: The History of a State and a Nation* by Susan Kemmerer, Schoolhouse Publishing

**Summary:** This class will include an overview of PA history, founding settlers, famous Pennsylvanians, symbols, wildlife and plant life, as well as an introduction to state and local government.

**Supplies Needed:** *Student Textbook: Pennsylvania Keystones: The History of a State and a Nation* by Susan Kemmerer (available at <http://shpublishing.com/pennsylvania-keystones-student-text.html>), 3-ring binder, pencil, colored pencils, glue stick, and scissors

**Class Fee:** \$5.00

**Copy Fee:** \$5.00

## **World Geography**

**4<sup>th</sup> Period-Fall**

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

**Curriculum:** *Trail Guide to World Geography*

**Summary:** This class includes general geography elements, an overview of the world, and study of all 7 continents. This will include mapping activities, atlas usage, notebooking, and culture.

**Supplies Needed:** *Rand McNally Junior Classroom Atlas, 4th ed.* (ISBN 978-0528015076), 3-ring binder, pencil, colored pencils

**Class Fee:** \$3.00

**Copy Fee:** \$3.00

## **American Girl**

**4<sup>th</sup> Period-Spring**

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

**Curriculum:** Various

**Summary:** Delve deeper into the lives of the American Girls. We will be looking at history, geography, values and more. We will complete a variety of projects and crafts. Students will be encouraged to read a book (or more) for the girl being studied. Parent and student can choose how many books they want to read.

**Supplies Needed:** American Girl books, folder, pencil, crayons or colored pencils, scissors, and a glue stick.

**Class Fee:** \$10.00

**Copy Fee:** \$3.00

## **Hero Tales**

**4<sup>th</sup> Period-Spring**

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

**Curriculum:** *Hero Tales: A Family Treasury of True Stories from the Lives of Christian Heroes*

**Summary:** Delve deeper into the lives of 15 key Christian heroes with this unit study curriculum.

Looking at history, geography, values, literary analysis, and more, we will complete a variety of projects. There will be required reading and assignments each week, as well as optional assignments you can do if you choose.

**Supplies Needed:** *Hero Tales: A Family Treasury of True Stories from the Lives of Christian Heroes, Vol 1* (ISBN 9780764200786), pencil, crayons or colored pencils, scissors, and a glue stick.

**Class Fee:** \$5.00

## **Art**

**5<sup>th</sup> Period-Fall**

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

**Curriculum:** N/A

**Summary:** In this class we will learn about the seven elements of art. There will be worksheets along with hands-on activities to reinforce these ideas. Students will be given a folder for their artwork.

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

**Class Fee:** \$10.00

**Copy Fee:** \$3.00

## **Fun Math**

**5<sup>th</sup> Period-Fall**

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

**Curriculum:** Various

**Summary:** This class will provide opportunities for students to improve their understanding and recall of basic math facts and concepts. 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.

**Supplies Needed:** Pencils, crayons, markers or colored pencils

**Class Fee:** \$2.00

**Copy Fee:** \$3.00

## **K'nex: Bridges**

**5<sup>th</sup> Period-Spring**

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

**Curriculum:** K'nex: Intro to Bridges

**Summary:** Students will spend the class time creating and learning about the bridges shown in the K'nex book. There will be free play time also.

**Supplies Needed:** K'nex Intro to Bridges set

**Class Fee:** None

**Copy Fee:** \$5.00

## **Recorder**

**5<sup>th</sup> Period-Spring**

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

**Curriculum:** N/A

**Summary:** In this class the student will learn to name notes on the treble clef, identify rests, and play notes and simple melodies. They will also participate in 2-part playing and playing with an accompaniment CD. Daily practice is required and expected.

**Supplies Needed:** Recorder

**Class Fee:** \$5.00 for recorder (recorders will be provided on the first day of class; if your child comes with their own, the \$5 will be refunded by CHASE)

**Copy Fee:** \$3.00

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

**Public Speaking 1: Creating and Presenting**

**1st Period-Fall**

**Class Size limit: 10 students**

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

**Curriculum:** N/A

**Summary:** This one semester class is designed to give students an introduction to creating and presenting their own works in a group setting. The creative aspect of the class will center around group activities that promote creative thought, the thoughtful exchange of ideas and feedback, free-writing, storytelling, and brainstorming. We will not be focusing on the mechanics of writing, but rather on the inspiration and discipline of allowing our creative brains to think outside of the box and work freely. This means that there will be no need for worries and insecurities about spelling, handwriting and general writing skills. The presentation aspect of the class will focus on giving students opportunity and exposure to speaking and presenting in front of a group. As a part of this, we will be taking time to cover the basics of effective oral communication, stage presence, and efficient delivery.

**Supplies Needed:** index cards and basic school supplies

**Class Fee:** \$5.00

**Copy Fee:** \$2.00

**S.T.E.M.**

**1st Period-Fall**

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

**Curriculum:** Various

**Summary:** Project based, hands-on instruction on concepts pertaining to Science, Technology, Engineering, and Math.

**Supplies Needed:** Folder, paper, pencils

**Class Fee:** \$10.00

**Copy Fee:** \$5.00

**Public Speaking 2: Preparation and Delivery**

**1st Period-Spring**

**Class Size limit: 10 students**

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

**Curriculum:** N/A

**Summary:** This class will provide training in speech preparation and delivery. Students will regularly prepare oral presentation and receive encouraging and constructive feedback to help them grow in their public speaking skills. Various skills will be taught and practiced in class. Some presentations may require brief research at home, but nothing extensive.

**Recommended Prerequisite:** Public Speaking 1

**Supplies Needed:** index cards and basic school supplies

**Class Fee:** None

**Copy Fee:** \$2.00

**Pet Shop Math**

**1st Period-Spring**

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

**Curriculum:** N/A

**Summary:** This class will provide opportunities for students to improve their understanding of various mathematical concepts, facts, and applications. Class time will be spent on worksheets, games, and activities to make math fun and practical. Part of the semester will be dedicated to conducting a “Your Business Math” store scenario, in which students “use their math knowledge to keep their very own store running and, hopefully, make a profit. Students will learn to write checks, figure sales tax, pay bills,

and keep a bank account ledger current, all while practicing basic skills like addition, subtraction, and multiplication in a fun, game-like approach.” This is a supplemental class and should not be used as a core math class.

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

**Class Fee:** \$3.00

**Copy Fee:** \$12.00

### **Apologia Zoology 3: Land Animals**

**2nd Period-Full Year**

**Class size limit:** 12 students

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

**Curriculum:** *Apologia Exploring Creation with Zoology 3* and Notebooking Journal

**Summary:** This third book in the zoology series takes students on a safari through jungles, deserts, forests, farms, and even their own backyard to explore, examine, and enjoy the enchanting creatures God designed to inhabit the terrain. Students will discover the amazing animals from primates to parasites, kangaroos to caimans, and turtles to terrifying T-Rexes— this safari doesn’t end there! Students will also keep a record of where each animal is found on a map and learn to identify animal tracks. 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 and games associated with the subject.

For the Learning Fair, we will be doing a display of a zoo. Each student will be assigned an exhibit to create for this display.

**Supplies Needed:** *Apologia Exploring Creation with Zoology 3* textbook (ISBN: 978-1-932012-85-9), *Apologia Exploring Creation with Zoology 3 Notebooking Journal* (ISBN: 978-1-935495-13-0), glue stick and/or tape runner, pencils, markers/crayons, scissors.

**Class Fee:** \$10.00

**Copy Fee:** \$2.00

### **Apologia Human Anatomy and Physiology**

**3rd Period-Full Year**

**Class size limit:** 12 students

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

**Curriculum:** *Exploring Creation with Human Anatomy and Physiology* textbook

We will not be using the notebooking journal, so please do not purchase one. Questions and activities will be handed out each week for homework! We will be creating lapbooks as well and you will purchase the workbook that contains the printed lapbooks.

**Summary:** This unique course explores the human body using engaging text, exciting activities, interesting experiments, and proven methods to help your students remember what they've learned. We cover many of the body's systems in depth. Each student will be expected to choose an organ and complete a diorama (small project) about that organ and present it to the class. Students will also work throughout the year making his/her own game about the human body for the learning fair. During the week, students will need to read the assigned text and complete assigned homework pages given out by the teacher. Class time will be devoted to reviewing material read at home and doing activities and experiments. Check out the Apologia website ([www.apologia.com](http://www.apologia.com)) for some sample pages and more details.

**Textbook Needed by Student:** *Apologia Exploring Creation with Human Anatomy and Physiology* textbook (ISBN 978-1-935495-14-7)

*Apologia Exploring Creation with Human Anatomy & Physiology Lessons 1-14 Lapbook Package* Printed (ISBN: 9781616253745)

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

**Class Fee:** \$5.00

**Copy Fee:** \$10.00

### **Phys. Ed.**

**3rd Period-Fall/Spring**

**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

### **Cartooning/Comic Book Art**

**3rd Period- Fall**

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

**Curriculum:** *How to Draw: Easy Techniques and Step-by-Step Drawings for Kids* by Aaria Baid

**Summary:** Students will learn the basics of drawing lines, shapes and patterns which are the building blocks of cartooning and comic book making. They will also learn how to create animals, buildings, people and more out of these shapes, as well as learn to use color and shading to create more interesting drawings. At the end of the class, each student will have created their very own original comic.

**Supplies Needed:** Colored pencils, watercolor palette with brushes, Sharpie fine point black marker, General's Charcoal Drawing Set, (White/Black, Set of 4 Pencils and 1 Eraser), and a sketchbook.

**Class Fee:** \$2.00

**Copy Fee:** \$2.00

### **Art: Principles of Design**

**3rd Period- Spring**

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

**Curriculum:** *How to Teach Art to Children* (Evan Moor)

**Summary:** Seven elements of art are introduced: line, shape, color, value, texture, form, and space. Famous artists and their techniques will be explored. Various forms of media will be used.

**Supplies Needed:** Binder, colored pencils, and markers

**Class Fee:** \$10.00

**Copy Fee:** \$5.00

### **5/6 Literature**

**4<sup>th</sup> Period-Full Year**

**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 fall semester project and a spring semester project. Further details will be provided in the course syllabus.

**Supplies Needed:** Sharpened pencils with erasers, notecards, and the following books:

*Heidi* by Johanna Spyri, ISBN: 9780141322568

*Heidi Literature Student Study Guide Second Edition*, ISBN: 9781615387953

*Lassie Come-Home* by Eric Knight, ISBN: 9780312371319

*Lassie Come-Home Literature Student Study Guide*, ISBN: 9781615380565

*The Lion, the Witch and the Wardrobe* by C.S. Lewis, ISBN: 9780064409421

*The Lion, the Witch and the Wardrobe Student Study Guide*, ISBN: 9781615380527

**Class Fee:** \$5.00

**Copy Fee:** \$2.00

### **Writing: IEW's All Things Fun and Fascinating**

**4th Period-Full Year**

(Class size limit: 10 students)

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

**Curriculum:** *Institute for Excellence in Writing All Things Fun and Fascinating* (2012 ed)

**Summary:** The Institute for Excellence in Writing's All Things Fun and Fascinating is a writing program for students in 5th-8th grades. 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.

**Supplies Needed:** *Institute for Excellence in Writing All Things Fun and Fascinating student book* (ISBN 978-0980100525), pencil, and paper, and binder.

**Class Fee:** \$5.00

**Copy Fee:** \$3.00

## U.S. Geography

**5th Period-Full Year**

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

**Curriculum:** *Desk Atlas of the United States* from Geography Matters

**Summary:** Students will go on a geography journey through all 50 states while developing research and map skills in this fun US Geography class.

**Supplies Needed:** *Desk Atlas of the United States* (ISBN#978-1-931397-72-8), 2 inch 3-ring binder, pencil, and colored pencils.

**Class Fee:** \$5.00

**Copy Fee:** \$7.00

## 5/6 History BiblioPlan

**5th Period-Full Year**

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

**Curriculum:** *BiblioPlan, Early Modern Era, Year 3*

**Summary:** We will use the Remember the Days text, the younger version from BiblioPlan. We will cover US, world and church history from a Biblical worldview between approximately 1600-1850. Important world leaders and events will be explored. In class, students will engage with history by doing hands-on activities, map work, and sampling foods. Weekly reading and homework will be assigned. Families should purchase the text. Although they have an e-version available, I highly recommend the hard copy. We will get a coop discount code, which I will send by email. It has previously been 20% off. A worksheet to go with the reading will be posted on the Forum and occasional maps may be assigned when they add to the understanding of events.

**Supplies Needed:** *Remember the Days, Year 3*, ISBN-13: 9781942405887, Binder, 3 page dividers, paper, and colored pencils, and pencil/pen.

**Class Fee:** \$10.00

**Copy Fee:** \$5.00

## Middle School [7th & 8th grade]

### CLASSES LISTED BY PERIODS

**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 3: Early Modern**

### **1st Period-Full Year**

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

**Curriculum:** *BiblioPlan – Early Modern: US & World History 1600-1850*

**Summary:** Year three begins with a review of the Spanish Empire and will explore the New World Colonies to the California Gold Rush. Topics from Spain, Russia, China, and more will also be covered. BiblioPlan allows the student to study world history intertwined with church history and geography. Students will be required to read chapters from the BiblioPlan Companion book, complete worksheets, and map work at home each week. Class time will be for discussion, projects, and games related to that week's topic. Homework, testing, semester projects, and class participation will be used to measure learning. \*\*We have a co-op discount for purchasing the text and materials through the publisher. Please contact Mrs. Arlena Myers (amyers1007@gmail.com) for details.

**Supplies Needed:** *BiblioPlan Companion Year Three: A Text for Early Modern History* (ISBN 9781942405009), *BiblioPlan's Hands-On Maps for Advanced: Early Modern History* (ISBN 9781942405405), 3-ring binder, paper, pencils, colored pencils, index cards.

**Class Fee:** \$10.00 (\$160 for non-participating families)

**Copy Fee:** \$4.00

### **Civics**

### **1st Period-Fall**

**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". (textbook will be loaned to students by CHASE)

**Supplies Needed:** Binder, paper, pencil

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

**Copy Fee:** \$5.00

### **PA History**

### **1st Period -Spring**

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

**Curriculum:** TBD

**Summary:** Study of Pennsylvania 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:** Binder, paper, pencil

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

**Copy Fee:** \$5.00

### **Jensen's Writing**

### **2nd Period-Full Year**

**Class size limit:** 10 students

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

**Curriculum:** *Jensen's Format Writing* by Frode Jensen

**Summary:** This class will teach and practice various formats and organizational patterns in expository writing. The end result will be a logical paragraph or essay that makes a strong, clear point. Expository writing is writing that informs, clarifies, or even persuades. The fall semester will focus on one paragraph assignments in the following formats: example, classification, definition, process, analogy, cause and effect, and comparison. We will work on topic sentences, continuity in the paragraphs, thesis statements, and organization. The intention is to practice writing skills not research, so the class will be writing on similar topics that we will brainstorm in class. In the spring semester, we will write a book report and at



least two 5 paragraph essays. To expand vocabulary skills, common Greek and Latin roots will be practiced and tested. **Parental participation is requested throughout the week at home to provide necessary support and to edit their student's work.**

**Supplies Needed:** *Jensen's Format Writing* by Frode Jensen (ISBN 978-0890519929), a binder, paper, and pencil.

**Class Fee:** \$2.00 (\$160.00 for non-participating families)

**Copy Fee:** \$2.00

## **MS Light Grammar/Writing**

**2nd Period-Fall**

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

**Curriculum:** *Grammar & Punctuation 6* from Evan-Moor and various others

**Summary:** This class will provide a general review of grammar and writing skills. Class will consist of worksheets, activities, and paragraph writing.

**Supplies Needed:** Folder, paper, pencil

**Class Fee:** None (\$100 for non-participating families)

**Copy Fee:** \$10.00

## **Literary Analysis: Figuratively Speaking**

**2nd Period-Spring**

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

**Curriculum:** *Figuratively Speaking*

**Summary:** This class will draw on classic literature to illustrate the use of literary terms. We will cover hyperbole, metaphor, irony, imagery, dialect, plot, alliteration, onomatopoeia, allusion, conflict, and lots more! We will learn the definitions of the terms and see how they're used in an excerpt from classic literature. This class will have lots of discussion and fun activities to give the students an opportunity to use the literary terms they've learned about.

**Supplies Needed:** Folder or binder and pencil

**Class Fee:** None (\$100 for non-participating families)

**Copy Fee:** \$5.00

## **General Science**

**3rd Period-Full Year**

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

**Curriculum:** *Apologia Exploring Creation with General Science* Textbook

**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 note taking and writing a lab report. It will require that the student follow the daily syllabus to 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 a parent) and will be turned in on Mondays for grading. There will also be occasional quizzes given in class. Each student will be asked to complete a learning fair project for grading. The projects will come from a list given by the teacher on the first day of class.

**Supplies Needed:**

1. *Apologia Exploring Creation with General Science* Textbook 3<sup>rd</sup> edition (ISBN 9781946506276)- make sure to purchase the newest edition (since 2019).
2. Please **do not purchase** the notebook journal or the tests for *Apologia Exploring Creation with General Science*- we will not be using these.
3. Also needed for the class are a regular calculator, binder, paper, and pencil.

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

**Copy Fee:** \$12.00

## **S.T.E.M.**

**3rd Period-Full Year**

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

**Curriculum:** Various

**Summary:** Project based, hands-on instruction on concepts pertaining to Science, Technology, Engineering, and Math.

**Supplies Needed:** Folder, paper, pencils

**Class Fee:** \$10.00 (\$220.00 for non-participating families)

**Copy Fee:** \$5.00

## Phys. Ed.

## 4th Period -Fall/Spring

**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/ \$160.00 Full Year; \$90 Full Year with enrollment in other class(es))

## MS Literature

## 5th Period-Fall/Spring

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

**Curriculum:** Memoria Press

**Summary:** We will read 1 novel and a variety of poetry and short stories each semester. Students may enroll in both semesters.

### Fall Semester

- *The Hobbit*
- *Poetry and Short Stories: American Literature Collection*

### Spring Semester

- *The Bronze Bow*
- *Poetry and Short Stories: American Literature Collection*

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:** Writing utensil. Memoria Press Student Guide associated with each book.

**Class Fee:** None (\$100 semester; \$160.00 for non-participating families)

**Copy Fee:** \$5.00

## MS Safety

## 5th Period -Fall

**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:** \$3.00

## **World Leaders**

**5th Period -Spring**

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

**Curriculum:** Various resources

**Summary: \*Prerequisite - MS Civics.** A course designed to familiarize students with the pertinent world leaders of present day. The class is designed to be current, discussing the events relevant to the week with students familiarizing themselves with leaders of other nations, their policies, and types of government. This course will piggyback off American civics so students are familiar with the American system of government and will allow them to discuss different countries, modes of governing and the leaders who make decisions. Students will be encouraged to engage in discourse, make informed decisions regarding international policy and even engage in a debate from time to time. The primary objective of this course is to allow students to become more interested in current events and be able to defend their positions in a civil and yet informed manner.

**Supplies Needed:** Folder, notebook paper, and pencil.

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

**Copy Fee:** \$2.00

## Middle School/High School [7th – 12th grade]

### CLASSES LISTED BY PERIODS

**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.

### Algebra 1

**1<sup>st</sup> Period-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 (\$32)** – includes Algebra 1 Student Workbook (ISBN 978-1-60826-032-4) and Tests AND **Instruction Pack (\$57)** – includes Instruction Manual (ISBN 978-1-60826-031-7) and DVD. This is available new only 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)

**Copy Fee:** None

### Cooking

**1st and 3rd Period-Fall & Spring**

**Class size limit:** 8 students

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

**Curriculum:** NA

**Summary:** The same cooking class will be offered during 1st and 2nd periods 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 the 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:** \$20.00 (Fall) and \$25 (Spring) (\$110.00 for non-participating families)

### Thinking Like a Christian

**1st Period-Fall**

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

**Curriculum:** *Thinking Like a Christian*

**Summary:** Study is designed to help you develop a biblical worldview.

**Supplies Needed:** Thinking Like a Christian Student Journal (ISBN 978-0805438963)

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

### Short Skits

**1st Period-Spring**

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

**Curriculum:** <https://onestopdramashop.com/getting-started/introductory-lessons/>

**Summary:** Enhance your public speaking and acting skills by participating in a variety of reader's theater exercises and short skits. You will learn how to present your character properly, use voice inflection, and body language to perform.

**Supplies Needed:** None

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

**Copy Fee:** \$10

## MS/HS Music: Bells

2nd Period- Fall

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

**Curriculum:** NA

**Summary:** This course will be using bells to introduce the students to the fundamentals of rhythm, harmony, melody, reading sheet music, and ensemble playing.

**Supplies Needed:** Folder

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

**Copy Fee:** \$3.00

## MS/HS Music: Boomwhackers

2nd Period- Spring

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

**Curriculum:** TBD

**Summary:** This course will be using plastic tubes called boomwhackers to introduce the students to the fundamentals of rhythm, harmony, melody, reading sheet music, and ensemble playing in a totally unique approach.

**Supplies Needed:** Folder

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

**Copy Fee:** \$3.00

## Physical Science

3rd Period-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 TBD), 3rd edition Student Notebook, paper, pencil, and scientific calculator.

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

**Copy Fee:** \$2.00

## Digital Photography

3<sup>rd</sup> Period-Fall

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

**Curriculum:** *Fundamentals of Photography*

**Summary:** 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 for non-participating families)

## MS/HS Health

4<sup>th</sup> Period-Full Year

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

**Curriculum:** *Apologia's Exploring Creation with Health and Nutrition*

**Summary:** The class will explore the physical, social, mental, and spiritual concepts needed for a healthy lifestyle. We will cover systems when they are “well” and cover illnesses of each system. This class will cover male and female reproduction and diseases of this system including STD’s. There will be several small projects throughout the year. This class will meet the goal of the health credit needed for the HS diploma. Please note that this course does not fulfill a lab science requirement.

**Supplies Needed:** Apologia’s *Exploring Creation with Health and Nutrition* textbook (ISBN 9781940110349) and Apologia’s *Exploring Creation with Health and Nutrition Student Notebook* (ISBN 9781940110356)

**Class Fee:** \$5.00 (\$160.00 for non-participating families)

**Copy Fee:** \$1.00

## **Microsoft Office**

**4th Period-Fall**

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

**Curriculum:** *Teach Yourself Visually Office 2013* and various

**Summary:** This class will use this easy-to-use visual guide to cover the basics of the Microsoft programs Word, Excel, PowerPoint, and Outlook with step-by-step instructions and full-color screen shots showing what you should see at each step. Students MUST bring their laptops to class each week.

**Supplies Needed:** Laptop computer with Office 2013 or newer loaded on it.

**Class Fee:** None (\$100 for non-participating families)

## **MS/HS Art Concepts**

**4th Period-Fall**

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

**Curriculum:** N/A

**Summary:** Each student has their own personal artistic style and expression. Students will discover their own style, while fine tuning their skill, knowledge, and technique. We will go in-depth with the elements of art, art concepts, and art techniques. We will explore and learn line, shape, color, focal point, depth, movement, shading and so much more. We will use a variety of media on a number of different art projects. Student will gain confidence in their artistic ability while producing art that they love.

**Supplies Needed:** Colored pencils, crayons, water colors, pencils, scissors, and glue

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

**Copy Fee:** \$2.00

## **MS/HS Speech**

**4th Period-Spring**

**Class Size limit:** 8 students

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

**Curriculum:**

**Summary:** This class will provide training in speech preparation and delivery. Students will prepare and deliver several speeches, including a Self-Introduction, an Informational (How-To), a Narrative, , and a Persuasive speech.

**Supplies Needed:** 3-ring binder with dividers, notebook paper, note cards, and visual aid materials such as poster board.

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

**Copy Fee:** \$5.00

## **Sewing**

**4th Period-Spring**

**Class size limit:** 6 students

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

**Curriculum:** N/A

**Summary:** This class will consist of teaching techniques and creating basic sewing projects. The scope of the class will depend upon the students’ commitment to complete the projects assigned.

**Supplies Needed:** Portable sewing machine, pins, sharp fabric scissors, tape measure, folder

**Class Fee:** \$5.00 (\$100.00 for non-participating families)

**Copy Fee:** \$2.00 (for patterns and/or instructions)

## Chess

5th Period-Fall

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

**Curriculum:** N/A

**Summary:** In this class students will learn all the various pieces and how they move, how to attack and how to defend, how to capture, and, crucially, how to give check and deliver checkmate. This class can be for beginners or experienced chess players.

**Supplies Needed:** None (Chess boards and pieces supplied by CHASE)

**Class Fee:** \$2.00 (\$100 for non-participating families)

**Copy Fee:** \$1.00

## MS/HS Art

5th Period-Spring

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

**Curriculum:** N/A

**Summary:** Each student has their own personal artistic style and expression. Students will discover their own style, while fine tuning their skill, knowledge, and technique. We will go in-depth with the elements of art, art concepts, and art techniques. We will explore and learn line, shape, color, focal point, depth, movement, shading and so much more. We will use a variety of media on a number of different art projects. Student will gain confidence in their artistic ability while producing art that they love.

**Supplies Needed:** Colored pencils, crayons, water colors, pencils, scissors, and glue

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

**Copy Fee:** \$1.00

## Career Exploration

5<sup>th</sup> Period-Spring

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

**Curriculum:** Various

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

**Class Fee:** None (\$100 for non-participating families)

**Copy Fee:** \$3.00

## High School [9th – 12th grade]

### CLASSES LISTED BY PERIODS

**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** **1st Period-Full Year** (Class size limit: 12 students)

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

**Curriculum:** *Apologia Advanced Biology in Creation: The Human Body*, 2nd 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 basic understanding of chemical elements and molecules (The chemistry covered in Physical Science is acceptable).

**Supplies Needed:** *Apologia Advanced Biology in Creation: The Human Body*, 2nd edition 2-book set (Textbook and Solution & Test Manual) ISBN 9781940110110, *The Anatomy Coloring Book*, 4th 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

#### **HS Literature**

#### **1st Period-Fall/Spring**

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

**Curriculum:** Various

**Summary:** This English course will include literature, composition, editing and proofreading, and vocabulary development. It will provide literary analysis practice via discussion and essay-writing while building and exercising Christian discernment. In addition to reading the assigned literature, this course includes an oral report, multiple literary analysis essays (in the fall semester), a larger research paper (in the spring semester), tested vocabulary learning and a project.

**Supplies Needed:** {Subject to change} The teacher's selection of literature. Students will also need 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

#### **HS Grammar & Composition**

#### **1st Period-Fall & Spring**

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

**Curriculum:** Abeka Grammar and Composition V

**Summary:** This class will provide a general review of grammar and composition skills. Class will consist of worksheets, workbook assignments, activities, paragraph writing, and at least one five-paragraph essay.

**Note:** The same course will be taught in the Fall and Spring semesters.

**Supplies Needed:** 3 ring notebook with dividers, folder, paper, pencil, pack of multi-colored highlighters

**Class Fee:** None (\$100/semester for non-participating families)

**Copy Fee:** \$10.00

#### **Apologia Biology**

#### **2nd Period-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, binder and colored pencils – at least a 24 pack.

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

**Copy Fee:** \$10.00

## Child Development

**2<sup>nd</sup> Period-Full Year**

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

**Curriculum:** *Child Development: Early Stages through Age 12* 8<sup>th</sup> Ed.

**Summary:** Child Development is designed to focus on skills needed to guide the physical, intellectual, emotional, and social development of children. Students will learn about the stages of growth and development for children ranging from the fetal stage to age 12. During this class students will learn about ages and stages of a developing child, developmental theorists, and careers related to child development. Upon completion of this course, the student should be prepared to care for a developing child, as a childcare professional or in their own families. Course work will include: class work, group work, a portfolio, quizzes and small projects.

**Supplies Needed:** *Child Development: Early Stages through Age 12* 8<sup>th</sup> Ed. textbook (ISBN # 978-1631260384), 1 inch binder, Simple arts and crafts supplies as needed for small projects.

**Class Fee:** \$10.00 (\$160 for non-participating families)

**Copy Fee:** \$10.00

## Algebra 2

**2<sup>nd</sup> Period-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)

## Accounting/Business Math

**2<sup>nd</sup> Period-Full Year**

**Class Size limit:** 12 students

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

**Curriculum:** LifePac Accounting by Alpha Omega

**Summary:** This class will explore the basics of Accounting, and also cover many practical math concepts and skills with a Business Math focus. There will be sufficient computation practice to count this course as a high-school math credit.

**Supplies Needed:** LifePac Electives: Accounting Complete Set (ISBN 978-0740301964) including the teacher guide and 10 unit worktext books.

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

**Copy Fee:** \$2.00

## BiblioPlan Year 3: Early Modern

**3<sup>rd</sup> Period-Full Year**

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

**Curriculum:** *BiblioPlan – Early Modern: US & World History 1600-1850*

**Summary:** Year three begins with a review of the Spanish Empire and will explore the New World Colonies to the California Gold Rush. Topics from Spain, Russia, China, and more will also be covered..

BiblioPlan allows the student to study world history intertwined with church history and geography. Students will be required to read chapters from the BiblioPlan Companion book, complete worksheets, and map work at home each week. Class time will be for discussion, projects, and games related to that week's topic. Homework, testing, semester projects, and class participation will be used to measure learning. \*\*We have a co-op discount for purchasing the text and materials through the publisher. Please contact Mrs. Arlena Myers (amyers1007@gmail.com) for details.

**Supplies Needed:** *BiblioPlan Companion Year Three: A Text for Early Modern History* (ISBN 9781942405009), *BiblioPlan's Hands-On Maps for Advanced: Early Modern History* (ISBN 9781942405405), 3-ring binder, paper, pencils, colored pencils, index cards.

**Class Fee:** \$10.00 (\$160 for non-participating families)

**Copy Fee:** \$4.00

## Survey of World History Through Christ

3<sup>rd</sup> Period-Full Year

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

**Curriculum:** *History of the World* by Kevin Swanson

**Summary:** This curriculum teaches the biblical historical records as the foundation of history. The first book starts with creation and takes us through the birth of Jesus. The second book gives us a 2,000 year view on the establishment of His church throughout the nations. Homework will consist of reading and answering questions. Class time will be spent on reviewing the prior week's reading, mapping and filling in timelines from the workbook. There may be some additional small assignments to complement our studies.

**Supplies Needed:** *Preparing the World for Jesus-A survey of the World Before Christ* (ISBN 978-1733230469), *Taking the World for Jesus-The Remarkable Story of the Greatest Commission* (ISBN 978-1683440796), *History of the World Student Workbook* (ISBN 978-1735071909).

**Class Fee:** \$5.00 (\$160.00 for non-participating families)

**Copy Fee:** \$2.00

## SAT Prep

3<sup>rd</sup> Period-Fall

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

**Curriculum:** Crash Course for the SAT

**Summary:** Learn test taking strategies and tips. Work on vocabulary building and/or word roots. Opportunity to take portions of practice tests to help improve speed.

**Supplies Needed:** TBD

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

**Copy Fee:** \$5.00

## Logic

3<sup>rd</sup> Period-Spring

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

**Curriculum:** MasterBooks Introduction to Logic

**Summary:** This course will challenge and inspire students to be able to defend their faith. To think logically is to think, in a sense, like God thinks. So by studying logic, we are also studying Theology! Logic is the study of the principles of correct reasoning. To be logical, is to think rightly. But who decides what is the "right" way to think? What is the standard by which we judge a particular line of reasoning to be correct or incorrect? God determines the correct way to reason because He is the standard for all truth claims. How can we know how God thinks? God has told us in the Bible! We must base our thinking on His thinking; therefore, Bible study is an important part of becoming logical. In this course we will be memorizing lots of Scripture verses and examining about 25 of the most common informal fallacies. Our goal is to learn some things about the mind of God, so that we can think in a way that is consistent with His character.

**Supplies Needed:** Textbook ISBN 978-1-68344-148-9, Teacher Guide (teacher guide includes student worksheets). ISBN 978-1-68344-149-6, 3x5 index cards

**Class Fee:** None (\$90.00 for non-participating families)

## Chemistry (lecture & lab)

4<sup>th</sup> – 5<sup>th</sup> Period-Full Year

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

**Instructor:** Galen Hershey (Paid Instructor)

**Curriculum:** *Introductory Chemistry: A Foundation*, 4<sup>th</sup> Edition \* See note below\*

**Summary:** This course will be offered as a **2-period block** consisting of lecture during 4<sup>th</sup> period and labs during 5<sup>th</sup> period. The course covers all aspects of high school Chemistry including atomic structure, nomenclature, reactions, aqueous solutions, chemical composition, atomic theory, stoichiometry, chemical bonding, mass calculations, gases, solutions, orbitals, polarity and ionic bonding, Lewis structures, acids and bases, equilibrium, electrochemistry, oxidation and reduction reactions, radioactivity, and intro to organic and biochemistry. Classes consist of lectures, labs, and homework review. Students are assigned homework, lab reports and periodic take home tests. All chemicals, lab equipment and supplies will be provided.

**\*Math Prerequisite:** *This class requires the ability to manipulate equations. Students need to be strong in this area to be successful in this class. Students must have successfully completed Algebra I prior to taking this class.*

**Supplies Needed:** Students will need the textbook, *Introductory Chemistry: A Foundation*, 4<sup>th</sup> Edition (ISBN#: 978-0395955369). **CHASE owns a limited number of these textbooks; contact the class coordinator if you would like to request to borrow one for the year.** Students will also need a scientific calculator capable of logarithmic functions (No prior knowledge of logarithm functions is needed), a 3-ring binder with lined paper (for taking notes and homework problems), a pencil, and colored pencils.

**Class Fee:** \$250.00

## Spanish 1

5<sup>th</sup> Period-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 Lessons. The DVD 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

## Phys. Ed

5<sup>th</sup> Period-Fall/Spring

**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: \$90.00 Semester/ \$160.00 Full Year; \$90 Full Year with enrollment in other class(es))