

# CHASE Academy Course Catalog 2024-2025 School Year

(Version Dated 3/18/2024)

This catalog includes information about all classes to be offered at CHASE Academy during the 2024-2025 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 \$5 per child fee 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 literal six-day 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 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. We will do weekly journal writing and practice phonetic writing.

**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:** Home Art Studio w/Lindsey Volin

**Summary:** This class will focus on art from around the world. Students will learn about art from the past to present cultures, while learning important art terms, and art elements. We will travel the world from Australia to Mexico and create wonderful pieces of artwork in a variety of mediums.

**Supplies Needed:** None

**Class Fee:** \$5.00

**Copy Fee:** \$2.00

**Famous Americans**

**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.

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

**Class Fee:** \$5.00

**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

**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

### General Science

**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. In class we will be learning 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

**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 2023-2024 year as well as new material.

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

**Class Fee:** None

### Native Americans

**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.

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

**Class Fee:** \$5.00

**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 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

**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

### **Seasonal Activities**

**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 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:** \$6.00

### **Days of Creation**

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

**Curriculum:** Master Books Adventures in Creation as well as various other material

**Summary:** Students will study various topics relating to the seven days of creation, which will be taught with a variety of worksheets, books, and hands-on activities

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

**Class Fee:** \$5.00

**Copy Fee:** \$4.00



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

**American Girl**

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

**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 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

**Apologia Zoology 1: Flying Creatures**

**(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: 978-1-932012-61-3), glue stick, pencils, markers/crayons, scissors.

**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 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

## **BJU 4**

**(Class size limit: 10 students)**

**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:** \$9.00

**Copy Fee:** \$3.00

## **Fun Math**

**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

## **Grammar & Basic IEW**

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

**Curriculum:** *Adventures in Writing*

**Summary:** This class will write about inventions, explorers, historical events, animals, and fables. This is a theme-based writing curriculum that teaches how to construct paragraphs. The student will learn to create an outline from the source texts and pictures provided in the lesson book. Then the students will verbally state their paragraph using their outline. Finally they will

write out the paragraph and check it using the checklist provided. Throughout the lessons, new style concepts, vocabulary, and structure concepts will be taught that will need to be incorporated into the paragraphs. The lessons will be taught at CHASE and the parent will review the lesson with the student during the week.

**\*\*The homework will be broken down into 4 days. Each week there is a detailed 4 day homework list so the student can achieve the written paragraph or outlines and the learning of the new concepts in small chunks. The parent will need to supervise the writing process by reading the student lesson book (or the teacher's book if you decide to purchase it), assisting with the writing, and correcting the homework. Please note the worktext is required for the class. Some grammar will be covered; however, the emphasis will be on writing. You will want to use a separate grammar course in addition to this class.**

**Supplies Needed:** Institute for Excellence in Writing Adventures in Writing (ISBN 978-1-62341-404-7), 3-ring 2-inch binder, dividers, page protectors, pencil and notebook paper,

**Class Fee:** \$12.00

**Copy Fee:** \$4.00

### **Hero Tales**

**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*, pencil, crayons or colored pencils, scissors, and a glue stick.

**Class Fee:** \$5.00

**Copy Fee:** \$3.00

### **Human Body**

**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:** \$8.00

**Copy Fee:** \$7.00

### **K'nex: Bridges**

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

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

**Summary:** Students will spend a supervised period creating 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

### Literature

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

**Curriculum:** Fall-Children's Pilgrim's Progress Curriculum from Great Commission Publication; Spring: *The Lion, the Witch, and the Wardrobe* by C.S. Lewis

**Summary:** We will be truth seekers and critical thinkers as we read the above Christian classics together. We will have discussions and complete worksheets and/or activities that coordinate with the chapters we are reading. Copies of the books will be helpful, but are not required.

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

**Class fee:** \$5.00

**Copy fee:** \$4.00

### PA History

**Homework:** L \* Light (1-2 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** 3-ring binder, pencil, colored pencils, glue stick, and scissors

**Class Fee:** \$5.00

**Copy Fee:** \$6.00

### 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

### Recorder

**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, binder to keep music in.

**Class Fee:** \$7.00 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

### **Snap Circuits**

**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

### **World Geography**

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

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

**Summary:** This class includes general geography elements and vocabulary, an overview of the world, and a study of all seven continents. Students will participate in mapping activities, atlas usage, cultural crafts and foods, and researching countries of their choice.

**Supplies Needed:** *Rand McNally Junior Classroom Atlas*, 3-ring binder, pencil, colored pencils

**Class Fee:** \$5.00

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

**Apologia Human Anatomy and Physiology**

**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 on the website each week to print out for homework!

**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. Class time will be devoted to reviewing the 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)

**Supplies Needed** a 2-inch, 3-ring binder; 14 dividers(one for each lesson)glue stick, pencil, colored pencils, and scissors

**Class Fee:** \$8.00

**Copy Fee:** \$5.00

**Apologia Zoology 3: Land Animals**

**Class size limit:** 12 students

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

**Curriculum:** *Apologia Exploring Creation with Zoology 3* We will not be using the notebooking journal, so please do not purchase one.

**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. 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), glue stick and/or tape runner, pencils, markers/crayons, scissors.

**Class Fee:** \$10.00

**Copy Fee:** \$2.00

## Art

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

**Curriculum:** Various resources

**Summary:** Students will be exposed to a variety of artistic mediums (pencil, watercolor, acrylic, marker, clay, etc.) and techniques in an encouraging environment to stretch their artistic muscles.

**Supplies Needed:** Art folder, pencil, eraser, markers, colored pencils, glue stick and scissors.

**Class Fee:** \$10.00

**Copy Fee:** \$2.00

## Art: Cartooning

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

**Curriculum:** Drawing Made Easy by Robbie Lee

**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, Pencils, Eraser, Sketch book, Folder or binder for handouts

**Class Fee:** \$2.00

**Copy Fee:** \$2.00

## Comparative Worldview

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

**Curriculum:** *Foundation Comparative Worldview*

**Summary:** This is a video-based curriculum that will equip students to recognize false worldview ideas and understand how they differ from the Christian worldview. Students will watch a short video in class and complete activity sheets that correspond with the lesson.

**Supplies Needed:** pencil, 3-ring binder

**Class Fee:** \$37.50

**Copy Fee:** \$5.00

## IEW Wonders of Science

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

**Curriculum:** *Institute for Excellence in Writing Wonders of Science*

**Summary:** This class will write about animals, old stories, inventions, and inventors. This is a theme based writing curriculum that teaches how to construct paragraphs. The student will learn to create an outline from the source texts and pictures provided in the lesson book. Then the students will verbally state their paragraph using their outline. Finally, they will write out the paragraph and check it using the checklist provided. They will be taught how to organize the paragraphs effectively and how to build a report from multiple sources. Throughout the lessons, new style concepts, vocabulary, and structure concepts will be taught that will need to be incorporated into the paragraphs. The lessons will be taught at CHASE and the parent will review the lesson with the student during the week.\*\*The homework CAN be completed in 4 days of 30-45 minutes. But please note that this class entails extensive homework that MUST be



overseen by the parent. The parent is expected to review all workbook pages, then assist with writing, give support and instruction as needed to complete the assignments, and then check the homework before it is handed in. Each week there is a detailed 4-day homework list so the student can achieve the written paragraph and the learning of the new concepts in small chunks. Please note the worktext is required for the class. Some grammar will be taught; however, the emphasis will be on writing. You will want to use a separate grammar course in addition to this class. 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:** *Wonders of Science Writing Lessons* (987-1-62341-398-9) 3-ring 2 inch binder, dividers, page protectors, pencil and notebook paper.

**Class Fee:** \$12.00

**Copy Fee:** \$4

### Literature

**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:**

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

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

*Heidi* by Johanna Spyri, ISBN: 9780141322568

-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:** \$5.00

**Copy fee:** \$5.00

### Mystery of History I

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

**Curriculum:** *The Mystery of History Volume I: Creation to the Resurrection*

**Summary:** From the website: “*The Mystery of History* Volume I covers world history from Creation (c. 4000 B.C.) to the death and resurrection of Jesus Christ (c. A.D. 33). Where most ancient studies encompass only Egypt, Greece, and Rome, *The Mystery of History* Volume I goes further to blend secular and sacred events—on one seamless timeline.”

This course will teach students about ancient history from a biblical perspective. They will gain an understanding of the Bible’s historical timeline and how it fits with world history.

Students will be expected to complete 3 lessons each week. A lesson consists of reading 2-3 pages in the textbook and completing the corresponding workbook pages. (We typically spent 15-20 minutes on 3 days / week). Class time will be spent reviewing the highlights of the



lessons and completing timeline activities. Visit [themysteryofhistory.com](http://themysteryofhistory.com) to see all the extras that can be added: coloring pages, flashcards, timeline figures, mp3's if you have an auditory learner or like to listen in the car, etc)

**Supplies Needed:** *The Mystery of History Volume I: Creation to the Resurrection, 3<sup>rd</sup> edition* by Linda Lacour Hobar. We will be using the Textbook and the Digital Companion Guide (instructions for downloading the digital companion guide will be in the inside cover of the textbook) ISBN 978-1-892427-33-5

**Class Fee:** None

**Copy Fee:** \$4.00

### **Newspaper**

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

**Curriculum:** None (though we will use the print version of the weekly newspapers delivered by Engle Printing & Publishing as a resource)

**Summary:** Students will learn the basics of journalism by creating a school newspaper. They will be assigned topics to write about and put together a newspaper for public(CHASE families) enjoyment.

**Supplies Needed:** Notebook, home computer, highlighting pen, access to print version of weekly newspaper delivered by Engle Printing & Publishing (available online if no access to print version)

**Class fee:** \$5.00

**Copy fee:** \$10.00

### **Pet Shop Math**

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

**Curriculum:** Your Business Math Series (Simply Charlotte Mason); Biz Kids

**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. 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:** 1 inch 3 ring binder, pencil

**Class fee:** \$3.00

**Copy fee:** \$12.00

### **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

### **Public Speaking**

**Class Size limit:** 10 students

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

**Curriculum:** Copies will be provided in class from various materials.

**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.

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

**Class Fee:** None

**Copy Fee:** \$5.00

### **STEM**

**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

### **U.S. Geography**

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

**Curriculum:** N/A

**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:** Pencil, colored pencils, index cards, 2-inch, 3-ring binder

**Class Fee:** \$5.00

**Copy Fee:** \$10.00

**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.

### **Apologia 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, binder, paper, and pencil.

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

**Copy Fee:** \$5.00

### **BiblioPlan Year 1 : Ancient**

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

**Curriculum:** BiblioPlan – Year 1: *Consider the Years* text, 1 per family, NOT needed in class),

Available in eBook and hard copy. I highly recommend the print version. Families in the past who have purchased the eBook struggled and at least one ended up purchasing the hard copy.- Hands On Maps for Advanced (1 per student)

**Summary:** BiblioPlan covers history and geography from a Biblical, creationist perspective.

BiblioPlan is designed to be a 4-year rotation with new learning occurring when repeating the same time period because the student brings their own additional knowledge and experience, as well as questions being more complex for older kids. Additionally, what is done as homework in one cycle becomes the class focus for the next cycle and vice versa. BiblioPlan has additional materials for the younger student should you want to do history together as a family.

Ancients covers Creation through the fall of the Roman Empire. Classes will consist of lecture/PowerPoints, games, and activities. Homework will involve reading from the Bible, the new text, completing a homework page or interactive notebook page or mini-project, and 1-2 maps. Maps for ancients are generally lighter than the last 2 years of the cycle. They will complete one project each semester. Grades will be determined by projects, tests, and weekly homework.

This course is equivalent to 1 credit each of World history and ¼ World Geography.

**Supplies:** Above required curriculum, binder or Art Pad. I am not a fan of their workbook, so we'll do our own questions and that can be kept in either a 3-ring binder or an art pad if you have an artsy kid who prefers to illustrate.

-Writing instruments, and colored pencils, scissors, and a glue stick. We won't use those supplies every class, but when we do they need to have their own supplies.

-Bible

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

**Copy Fee:** \$5.00

### Civics

**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

### Figuratively Speaking

**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:** *Figuratively Speaking* worktext, folder or binder and pencil

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

**Copy Fee:** \$5.00

### MS Composition

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

**Curriculum:** *Jump In Middle School Composition*

**Summary:** This text eases the student into writing as they start by writing about an opinion they have and other assignments designed to hold a middle schooler's interest. A paragraph chart will be introduced to teach the parts of a well written paragraph. They will practice opinion, persuasive, cause and effect, and description paragraphs. Proofreading and essays will be covered as well. Prewriting direction and structure will be provided at CHASE. The parent will need to read the text and provide oversight and editing of the assignments.

Supplies Needed: *Jump In, 2nd Edition Student Textbook* (Print) (ISBN 9781090432421) OR *Jump In, 2nd Edition Student Textbook* (Digital)

[purchased at <https://writingwithsharonwatson.com/>] 3-ring 2-inch binder, dividers, page protectors, pencil and notebook paper.

**Class Fee:** \$12.00

**Copy Fee:** \$4.00

### **Light Grammar/Writing**

**Homework:** L \* Light (1-2 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

### **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 2-3 books for each semester. The focus will be 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:** \$7.00

### **Mystery of History I**

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

**Curriculum:** *The Mystery of History Volume I: Creation to the Resurrection*

**Summary:** From the website: "*The Mystery of History* Volume I covers world history from Creation (c. 4000 B.C.) to the death and resurrection of Jesus Christ (c. A.D. 33). Where most ancient studies encompass only Egypt, Greece, and Rome, *The Mystery of History* Volume I goes further to blend secular and sacred events—on one seamless timeline."

This course will teach students about ancient history from a biblical perspective. They will gain an understanding of the Bible's historical timeline and how it fits with world history.

Students will be expected to complete 3 lessons each week. A lesson consists of reading 2-3 pages in the textbook and completing the corresponding workbook pages. (We typically spent 15-20 minutes on 3 days / week). Class time will be spent reviewing the highlights of the lessons and completing timeline activities. Visit [themysteryofhistory.com](http://themysteryofhistory.com) to see all the extras that can be added: coloring pages, flashcards, timeline figures, mp3's if you have an auditory learner or like to listen in the car, etc.)

**Supplies Needed:** *The Mystery of History Volume I: Creation to the Resurrection, 3<sup>rd</sup> edition* by Linda Lacour Hobar. We will be using the Textbook and the Digital Companion Guide (instructions for

downloading the digital companion guide will be in the inside cover of the textbook) ISBN 978-1-892427-33-5

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

**Copy Fee:** \$4.00

### **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 classes.

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

**Copy Fee:** \$5.00

### **STEM/Light Science**

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

**Curriculum:**

**Summary:** Students will explore a variety of topics related to STEM—Science, Technology, Engineering 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.

Students will be asked to complete a mid-year project on a famous scientist and a science fair project for the learning fair.

**Supplies Needed:** 1” binder with lined paper, writing utensils, colored pencils, scissors, glue stick

**Class Fee:** \$10.00 (\$110.00 for non-participating families)

**Copy Fee:** \$7.00



**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**

**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)

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

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



### **Bells**

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

**Curriculum:** N/A

**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

### **Boomwhackers**

**Summary: Homework:** L \* Light (1 hour of homework)

**Curriculum:** Various material

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

**Supplies Needed:** 3-Ring Binder

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

**Copy Fee:** \$3.00

### **Chess**

**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

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

**Copy Fee:** \$1.00

### **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) (\$110.00/semester for non-participating families)

### **DIY Creations**

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

**Curriculum:** N/A

**Summary:** In this class we will be learning and practicing the art of floral arranging and crocheting. This will include making paper flowers, fresh flower arrangements, and dried flower arrangements. Students will also learn crocheting techniques and complete several crochet projects.

**Supplies Needed:** crochet hook, yarn, may request additional supplies throughout the semester - like a glass jar in Sept and a pumpkin in October.

**Class Fee:** \$10.00

### Geometry

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

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

**Summary:** This 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 (\$150.00 for non-participating families)

### Health & Nutrition

**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. A primary goal for the course will be helping students establish healthy habits. While course content will help provide a rationale for good health practices, students will be required to maintain a log throughout the course of activities that promote physical, spiritual, and mental health. 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:** \$10.00 (\$165.00 for non-participating families)

**Copy Fee:** \$5.00

### Macrame

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

**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 functional projects.

**Supplies Needed:** 2 colors of 3mm cotton macrame cording, small cardboard box, 2mm white or off white macrame cording

**Class Fee:** 10.00

### **Microsoft Office Suite**

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

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

**Summary:** This class will use this easy-to-use visual guide to cover the basics of the Microsoft programs Word, Excel, PowerPoint, Students MUST bring their laptops to class each week. There will be a final presentation due at the end of the course.

**Supplies Needed:** A laptop computer with Office 2013 or newer loaded on it that can be brought to class. Ideally, an external mouse to use on your laptop. OPTIONAL: *Teach Yourself Visually Office 2013* (ISBN 978-1118517680) - Copies may be available at your local library.

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

### **Photography**

**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)\

### **Physical Science**

(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

## **Sewing**

**Class size limit:** 6 students

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

**Curriculum:** I Can't Believe I'm Quilting" by Pat Sloan ISBN-13:978-1-5748-6629-2

**Summary:** We will be learning basic hand and machine sewing techniques while making a table runner, 3 pot holders or small quilt depending on the students interest. We will use the Book "I Can't Believe I'm Quilting" by Pat Sloan . A very useful tool for reviewing assignments at home.

**Supplies Needed:** Portable sewing machine, straight pins, safety pins, thimble, hand sewing needles, Quilting hoop, sharp fabric scissors, fabric for projects, thread, tape measure, pencil, seam ripper, folder.

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

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

## **Speech**

(Class Size limit: 8 students )

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

**Curriculum:** Sound Speech: Public Speaking Student Text, ISBN 9781606822364

**Summary:** This class will provide training in speech preparation and delivery. Students will prepare and deliver at least four speeches. Students will receive instruction in effective speech delivery.

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

**Class Fee:** \$3.00 (\$110.00 for non-participating families)

**Copy Fee:** \$5.00

## **Study Skills**

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

**Curriculum:** How to Become a Superstar Student, 2<sup>nd</sup> edition

**Summary:** This class, based on the video course from The Great Courses, is designed to equip students with study tools and lifestyle skills that allow them to excel academically. Most homework will involve applying concepts to other classes.

**Supplies Needed:** 3-Ring Binder

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

**Copy Fee:** \$3.00

## **Watercolor**

**Homework:** No weekly homework other than finishing a project.

**Curriculum:** N/A

**Summary:** In this class we will be learning and practicing some different techniques to watercolor painting. Students will complete various themed paintings to practice the different techniques. Students will also complete a final watercolor painting that they will be able to present to the class to share their insights and learnings!

**Supplies Needed:** pencil, watercolor paints, watercolor brushes, watercolor notepad (min. 20 pages), and watercolor journal. A few additional supplies may be requested throughout the semester.

**Class Fee:** \$7.00

**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.*

**Algebra 2**

**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 1: Ancient**

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

**Curriculum:** BiblioPlan – Year 1: *Consider the Years* text, 1 per family, NOT needed in class), Available in ebook and hard copy. I highly recommend the print version. Families in the past who have purchased the ebook struggled and at least one ended up purchasing the hard copy.- Hands On Maps for Advanced (1 per student)

**Summary:** BiblioPlan covers history and geography from a Biblical, creationist perspective. BiblioPlan is designed to be a 4-year rotation with new learning occurring when repeating the same time period because the student brings their own additional knowledge and experience, as well as questions being more complex for older kids. Additionally, what is done as homework in one cycle becomes the class focus for the next cycle and vice versa. BiblioPlan has additional materials for the younger student should you want to do history together as a family.

Ancients covers Creation through the fall of the Roman Empire. Classes will consist of lecture/PowerPoints, games, and activities. Homework will involve reading from the Bible, the new text, completing a homework page or interactive notebook page or mini-project, and 1-2 maps. Maps for ancients are generally lighter than the last 2 years of the cycle. They will complete one project each semester. Grades will be determined by projects, tests, and weekly homework.

This course is equivalent to 1 credit each of World history and ¼ World Geography.

**Supplies:** Above required curriculum, binder or Art Pad. I am not a fan of their workbook, so we'll do our own questions and that can be kept in either a 3-ring binder or an art pad if you have an artsy kid who prefers to illustrate.

-Writing instruments, and colored pencils, scissors, and a glue stick. We won't use those supplies every class, but when we do they need to have their own supplies.

-Bible

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

**Copy Fee:** \$5.00

### **Biology**

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

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

**Curriculum:** Apologia *Exploring Creation with Biology*, 3rd 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* 3rd edition (ISBN 978-1-946506-45-0) 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:** \$10.00

### **Chemistry (lecture & lab)**

**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:** \$260.00



## **Grammar & Composition**

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

**Curriculum:** Abeka's *Handbook of Grammar & Composition*, Fifth Edition and Abeka's *Workbook V for Handbook of Grammar & Composition*

**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 or colored pencils.

1. Abeka's *Handbook of Grammar & Composition*, Fifth Edition, by James A. Chapman

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

**Copy Fee:** \$10.00

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

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

**Curriculum:** *To be determined*

**Summary:** Our goal is to introduce books and authors that encourage our students to see God working through the lives of regular individuals like you and me. We hope that they will develop a strong Biblical worldview that will help them discern the things of God from the lies of the devil. We understand that some families want their students to read the Classics. We will briefly include a small overview of a classic this year but it will be strongly examined with a Biblical scope and not a celebration of good writing. In addition to reading the novels, this course may include an oral report, essays, possible quizzes, and tested vocabulary/comprehension 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:

Spring:

Class Fee: \$5.00 (\$100 semester; \$160.00 full-year for non-participating families)

Copy Fee: \$7.00

## **Logic**

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

**Curriculum:** *Master Books 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. 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 25 Scripture verses and examining 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:** *MasterBooks Introduction to Logic* 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

### **Personal Finance**

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

**Curriculum:** *Foundations in Personal Finance*: 4<sup>th</sup> Edition for Homeschool *Online Edition*

**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 online streamed 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. Chase will be purchasing a class subscription, which will provide all that you need for the class.

**Supplies Needed:** *Book and online access*

**Class Fee:** \$35.00 (\$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))

### **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)

### **Spanish 1**

**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. There will be a project to be completed in the Spring.

**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)
- Course videos (will be provided through CHASE)

*Note: Students will be required to write in the Activities Manual, so these should not be shared between siblings.*

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

**Copy fee:** \$3.00

### **Spanish 2**

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

**Curriculum:** BJU Spanish 1

**Summary:** Spanish 1b continues to build on the foundation of Spanish 1; 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 with 4 dividers, index cards

- BJU Spanish 1 2ed. Textbook (ISBN 9781606820612)
- BJU Spanish 1 Activity Manual (ISBN 1591661692)
- Course videos (will be provided through CHASE)

*Note: Students will be required to write in the Activities Manual, so these should not be shared between siblings.*

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

**Copy Fee:** \$3.00