

CHASE Academy Course Catalog 2021-2022 School Year

(Version Dated 5/6/2021)

This catalog includes information about all classes to be offered at CHASE Academy during the 2019-2020 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: 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 \$90.00-\$100.00 (check individual classes for amount), full year classes are \$150.00, and science classes are \$200.00. Class fees are included in this cost.

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

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

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

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

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

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

CLASSES LISTED BY PERIODS

***NOTE:** There will be a \$15.00 supply fee for each child in the K3/4 class. CHASE will provide supplies for all classes.

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 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. 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: See note*

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: See note*

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: See note*

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.

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

Class Fee: See note*

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: See note*

K5 [5-6 year olds]

CLASSES LISTED BY PERIOD

Seasonal Themes

1st Period-Full Year

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.

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

Class Fee: \$10.00

Copy Fee: \$6.00

Literature

2nd 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 one theme. We will have fun discussing, answering questions, and completing activities to go along with each topic. We may also be using Scholastic's classroom magazine in class with a copy the students can take home.

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

Class Fee: \$10.00

Free Play/Snack

3rd 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

4th 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, every week 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: \$1.00

Science

5th Period-Full Year

Homework: 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: \$5.00

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

Read/Write

1st Period-Fall & Spring

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

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

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

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

Class Fee: \$5.00

Copy Fee: \$4.00

Fun Math

1st 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 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

Phys. Ed.

2nd 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

Botany

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 Botany*

Summary: E1/2 Botany will be a full year course using the *Apologia Exploring Creation with Botany* textbook. Siblings can share a textbook, but each individual will need *Apologia Exploring Creation with Botany Junior Notebooking Journal*. This class is appropriate for older grades as well. Content covered includes the nature of botany and the process of classifying plants. It then discusses the development of plants from seeds, the

reproduction processes in plants, the way plants make their food, and how plants get their water and nutrients and distribute them throughout the body of the plant. **Weekly reading will be required.**

Supplies Needed: Apologia *Exploring Creation with Botany* textbook ISBN: 978-1-932012-49-1 and *Apologia Exploring Creation with Botany Junior Notebooking Journal* ISBN: 1935495631 markers, crayons, scissors, pencil, and glue stick

Class Fee: \$10.00

Copy Fee: \$5.00

Health

3rd Period-Fall

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

Curriculum: Various

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

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

Class Fee: \$2.00

Copy Fee: \$5.00

Habitats

3rd Period- Spring

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

Curriculum: NA

Summary: Topics covered include deserts, the rainforest, the pond, the tundra, the savanna, and the ocean. Students will study animals and plants in the various habitats.

Supplies Needed: Pencil, crayons, glue stick and scissors

Class Fee: \$3.00

Copy Fee: \$5.00

Map Skills

4th Period-Fall & Spring

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

Curriculum: N/A

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

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

Class Fee: \$5.00

Copy Fee: \$3.00

Plymouth Colony

4th Period-Fall & Spring

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

Curriculum: Life in Plymouth Colony History Pockets

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

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

Class Fee: \$2.00

Copy Fee: \$5.00

Art

5th Period-Fall & Spring

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

Curriculum: N/A

Summary: In this class we will be learning about famous artists and cultures. Through hands-on activities the students will learn different styles of art and how to use the seven elements of art to create their own masterpieces. (Note: The same class will be taught both semesters.)

Supplies Needed: None (supplied with class fee)

Class Fee: \$10.00

Music

2nd 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 2016-17 year as well as new material.

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

Class Fee: None

Copy Fee: \$3.00

Legos

5th 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

E3/4 [3rd & 4th grade]

CLASSES LISTED BY PERIODS

Apologia Zoology 2-Swimming Creatures

1st Period-Full Year

(Class size limit: 12 students)

Homework: E *** Extensive (Daily homework)

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

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

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

Class Fee: \$10.00

Copy Fee: \$5.00

General Science

1st Period-Fall

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

Curriculum: *Considering God's Creation* - Eagles wings and Abeka

Summary: This is a general science class where we will cover several topics and do hands-on projects each week in class. Topics will include our solar system, light, the Earth, the atmosphere, weather, and geology.

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

Class Fee: \$5.00

Copy Fee: \$3.00

Physical Science

1st Period-Spring

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

Curriculum: Various

Summary: This class will be a hands-on fun learning with the use of experiments, crafts, and snap circuits. We will be covering the basics of Matter, Air and Air Pressure, Force, Energy Conversion, Physical and Chemical Changes, Magnetism, and Electrical Energy.

Supplies needed: Pencil, glue stick, scissors, crayons or colored pencils.

Class Fee: \$5.00

Copy Fee: \$3.00

Writing (to include LA)

2nd Period-Full Year

Class size limit: 10 students)

Homework: E *** Extensive (Daily homework)

Curriculum: Bob Jones English 3

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

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

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

Class Fee: \$9.00

Copy Fee: \$2.00

Book Club

2nd Period-Fall

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

Curriculum: Various

Summary: This class will provide training in reading comprehension, phonetic rules, reviewing and summarizing, types of literature, jobs of literature, and critical thinking.

Supplies Needed: Folder, pencil, scissors, glue stick, colored pencils.

Class Fee: None

Copy Fee: \$1.00

Writing Workshop

2nd Period-Spring

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

Curriculum: Various

Summary: This class is designed to strengthen writing skills with fun activities. We will focus on improving sentences and paragraphs to give the students a good foundation for future writing. This is a supplemental class and should not be used as a core language arts class. Note: This class will contain new content not covered in the previous year's class.

Class Fee: \$2.00

Copy Fee: \$3.00

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 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

Little House on the Prairie (Prairie Primer)

4th Period-Fall/Spring

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

Curriculum: Prairie Primer

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

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

Class Fee: \$5.00 per semester

Copy Fee: \$1.00 per semester

Civics

4th Period-Fall

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

Curriculum: United States Government Lapbook

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

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

Class Fee: \$5.00

Copy Fee: \$3.00

Spanish Immersion

4th Period-Spring

Homework: L * Light (up to 1 hour of homework)

Curriculum: NA

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

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

Class Fee: \$4.00

Copy Fee: \$1.00

Art

5th Period-Fall

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

Curriculum: N/A

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

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

Class Fee: \$10.00

Bible

5th Period-Fall

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

Curriculum: Various

Summary: Students will strengthen their faith and knowledge of the Bible through scripture memorization, prayer, Bible reading, and related activities.

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

Class Fee: \$2.00

Copy Fee: \$3.00

K'nex Simple Machines and Wheels & Axles

5th Period-Spring

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

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

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

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

Class Fee: None

Copy Fee: \$1.00

Combined Choir

5th Period-Spring

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

Curriculum: N/A

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

Supplies Needed: None

Class Fee: \$2.00

Copy Fee: \$3.00

E5/6 [5th & 6th Grade]

CLASSES LISTED BY PERIODS

Phys. Ed.

1st 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

Public Speaking 1

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

Public Speaking 2

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

U.S. Presidents

2nd Period-Full Year

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

Curriculum: Various

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

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

Class Fee: \$10.00

U.S. History

2nd Period-Full Year

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

Curriculum: Exploring American History by D.H. Montgomery 2nd Edition by Christian Liberty Press

Summary: This is a history class that will have an emphasis on the American History. Class time will be spent in discussion, timelines and fun activities. Homework will be from the workbook. Students will be expected to do one presentation for the learning fair.

Supplies Needed: Exploring American History by D.H. Montgomery 2nd Edition textbook (ISBN #9781932971453) & Test packet (ISBN #9781932971477), notebook paper, 3-ring binder, pencil

Class Fee: \$3.00

Chemistry/Physics

3rd Period-Full Year

(Class size limit: 12 students)

Homework: E *** Extensive (Daily homework)

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

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

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

Class Fee: \$15.00

Science Units

3rd Period-Full Year

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

Curriculum: n/a

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

Supplies Needed: pencils, crayons, scissors

Class Fee: \$2.00

Copy Fee: \$2.00

IEW - U.S. History Based Writing

4th period-Full Year

(Class size limit: 10 students)

Homework: E *** Extensive (Daily homework)

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

Summary: In this class, your student will learn: how to keyword outline a paragraph(s) in an effort to organize the piece effectively and how to build a report from multiple sources. Students will develop their skill with the Structure and Style Writing Method while learning about interesting, important people and events in U.S. history from the explorers to the twentieth century. Throughout the program, your student will learn to implement the stylistic devices which will help to make his or her writing more interesting and readable. You will want to use a separate grammar course in addition to this class. Please note that this class entails extensive homework that must be overseen by the parent. The parent is expected to review all writing homework before it is handed in, and to give support and instruction as needed to complete the assignments. Students do NOT need prior instruction in the IEW writing methods to take this course.

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

Class Fee: \$5.00

Student Newspaper

4th Period-Fall

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: Learning the basics of journalism by creating a school newspaper, students will be assigned topics to write about, putting together a newspaper for public (CHASE families) enjoyment. Topics may include sports, entertainment, for sale, current events and comics. In the process students will learn various elements that make up a news story. The class assumes that students have good reading comprehension, though this is not a prerequisite.

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: None

Copy Fee: \$3.00

5/6 Literature

4th Period-Spring

Homework: E *** Extensive (Daily homework)

Curriculum: Memoria Press Fifth Grade Literature

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

Supplies Needed:

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

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

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

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

Sharpened pencils with erasers

Notecards

**Note: Items can be purchased through memoriapress.com, but are cheaper through rainbowresource.com*

Class Fee: None

No-Bake Cooking

5th Period-Fall & Spring

(Class size limit: 8 students)

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

Curriculum: N/A

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

Supplies Needed: None

Class Fee: \$25

Copy Fee: \$1.00

Art: Beginning Drawing**5th Period-Fall****Homework:** L * Light (1-2 hours of homework)**Curriculum:** Various resources**Summary:** Each week, the class will learn about a new element in drawing including line, shape, shade, tone, and perspective. Students will be expected to draw 10-20 minutes per day during the week.**Supplies Needed:** None**Class Fee:** \$10.00**Copy Fee:** \$1.00**Combined Choir****5th Period-Spring****Homework:** L * Light (1-2 hours of homework)**Curriculum:** N/A**Summary:** This performing choir class will be for 3rd through 6th grade students. In this class the students will learn vocal warm ups, the fundamentals of rhythm, harmony and melody, and they will be introduced to reading choral music and singing as a group choir. The choir ensemble will perform at the Learning Fair.**Supplies Needed:** None**Class Fee:** \$2.00**Copy Fee:** \$3.00

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.

World Geography

1st Period-Full Year

Homework: E *** Extensive (Daily homework)

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

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

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

Class Fee: None (\$150.00 for non-participating families)

Creative Writing

2nd Period-Full Year

Homework: E *** Extensive (Daily homework)

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

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

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

Class Fee: None (\$150.00 for non-participating families)

Copy Fee: \$2.00

Literature

2nd Period-Fall/Spring

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

Curriculum: Various Memoria Press literature guides (6 books and study guides for full-year)

Summary: Students will follow along with study guide questions and vocabulary for grading and accountability. Classroom time will be spent having fun with the texts and doing group activities to increase retention and comprehension. Class participation is expected and represents 25% of the grade. End of semester projects make up 25% of the grade and Study Guide completion is 50% of the grade..

Supplies Needed: Memoria Press study guides and books that correspond for:

FALL SEMESTER: *Anne of Green Gables* (ISBN 978-1615380688), *Treasure Island* (ISBN 978-1615380701), and *Little Women* (ISBN 9781402714580)

SPRING SEMESTER: The Trojan War (ISBN 9781615380664), The Adventures of Tom Sawyer (ISBN 978-1615383801), and Robinson Crusoe (ISBN 9780375757327).

Libraries often have these books or used are pretty cheap.

Class Fee: None (\$90.00/semester or \$150/full year for non-participating families)

Copy Fee: None

General Science

3rd Period-Full Year

Homework: E *** Extensive (Daily homework)

Curriculum: Apologia *Exploring Creation with General Science* Textbook, Tests and Solutions Manual, and Student Notebook, 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 3rd edition (ISBN 9781946506276) with Solutions/Test Manual 3rd edition (ISBN 9781946506283) and *Exploring Creation with General Science* 3rd edition Student Notebook (ISBN 9781946506306). **These editions are newly published in 2019** - see <https://www.apologia.com/3-general-science> or other sites to purchase this new version. Also needed for the class are a scientific calculator, notebook, paper, and pencil.

Class Fee: \$5.00 (\$200.00 for non-participating families)

Civics

4th 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".

Supplies Needed: None (textbook will be provided by CHASE)

Class Fee: \$3.00 (\$90 for non-participating families)

Copy Fee: \$2.00

PA History

4th Period -Spring

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

Curriculum: *Pennsylvania State History* (2010 ed.) by Joy Dean

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: None (textbook and 3 ring binder, additional resources provided for in class fee)

Class Fee: \$30.00 (\$90 for non-participating families)

Copy Fee: \$5.00

MS Safety

4th Period-Spring

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 (\$90.00 for non-participating families)

Copy Fee: \$2.00

Phys. Ed.

5th 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/ \$150.00 Full Year; \$90 Full Year with enrollment in other class(es))

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.

BiblioPlan Year 2: Medieval History

1st Period-Full Year

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

Curriculum: BiblioPlan – Medieval and Church History from the Fall of Rome to the Renaissance

Summary: Year two begins with a brief review of the Roman Empire and will lead you through various empires, the persecution of the early church, and the Renaissance. 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 at home each week, then in class we will have discussion, projects, and games related to that week's topic. Homework, testing, and semester projects will be used to measure learning.

Supplies Needed: *BiblioPlan Medieval History Companion* (may be used by multiple grade levels), *Medieval Cool History for Middles*, *Medieval Hands-on Maps for Middles*, colored pencils, scissors, and a pencil. **Note: There is a special co-op discount for the BiblioPlan materials (see below). Please contact Mrs. Arlena Myers (amyers1007@gmail.com) for details.

Purchasing the required curriculum: Pricing this curriculum is tricky as each family has the opportunity to select different options, and the number of orders we have determines our co-op discount. You can order e-books, which can be printed multiple times within one family, or hardcopies, or a combination of the two. Be advised that the text and the map books use color extensively. You won't want to print the text if you buy the electronic version. Arlena Myers will do a bulk printing of the *Cool History* and *Hands on Maps*.

1. Each family will need 1 text, referred to as the "Companion". These will not be used in class.

Pre-discount cost: \$42.95 e-book/\$99.95 hardcopy

2. Each student needs a *Cool History* book, which has homework questions. Pre-discount price: \$16.95 e-book/\$22.95 hardcopy.

a. Pricing is identical for both versions. Printing will cost about \$5 in black and white, so you would save if you have more than one child/level.

3. Each student needs a *Hands on Maps* book, with weekly map assignments related to the reading for the week. Pre-discount cost: \$14.95 e-book/\$20.95 hardcopy for the Middle (used for 5th and 6th grade); \$16.95 e-book/\$22.95 hardcopy for Advanced (used for the Middle School and High School classes). Printing will cost about \$3 in black and white so you would save if you have more than one child/level. Color is somewhat helpful, and does make it more interesting for the student, but black and white is fine. Arlena Myers says she will have a black and white copy.

Class Fee: \$5.00 (\$150.00 for non-participating families)

Cooking

1st Period-Fall & Spring

(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: \$20.00 (Fall) and \$25 (Spring) (\$100.00/semester for non-participating families)

American Sign Language I

1st Period-Full Year

(Class Size limit: 12 students)

Homework: E *** Extensive (Daily homework)

Curriculum: *Signing Naturally*

Summary: This class will provide an introduction to American Sign Language, and will require learning and practice activities at home throughout the week.

Supplies Needed: Student workbook/dvd set of *Signing Naturally* Units 1-6; ISBN: 978-1581212105, a 3-ring binder and notebook paper.

Class Fee: None (\$150.00 for non-participating families)

Copy Fee: \$2.00

Crocheting

1st Period-Fall

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

Curriculum: N/A

Summary: Beginning Crochet class moves inexperienced artists through the basic concepts of crochet. Class time will be spent introducing a new concept and beginning a project highlighting the new concept. The student is expected to complete the project at home. The next week each student should bring their finished project to review in class. This ambitious schedule will be modified to reflect the needs and interests of the class as the year progresses.

Supplies Needed: There will be patterns, needles, and yarn provided. However, I will send a supply list in the newsletter each week. If the students provide their own needles and yarn, it will keep cost down, and allow the student a better selection. No supplies are needed for the first class.

Class Fee: \$10.00 (\$90.00 for non-participating families)

Copy Fee: \$1.00

Photography

2nd Period-Fall & Spring

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

Curriculum: Fundamentals of Photography

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 (\$90 for non-participating families)

Guide to the Bible

2nd Period-Spring

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

Curriculum: *Rose Chronological Guide to the Bible*

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

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

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

Class Fee: \$3.00 (\$90.00 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* 3rd 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: {Note: We will be using the new, 3rd edition of the Apologia Physical Science curriculum released in Spring 2020.} *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: \$25.00 (\$200.00 for non-participating families)

Copy Fee: \$5.00

MS/HS Environmental Science

3rd Period-Full Year

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

Curriculum: Environmental Science Activities Kit by Michael L. Roa

Summary: This class will focus on environmental education which will enable students to understand and appreciate their environment, to increase their knowledge of environmental problems, and to teach ways to approach reducing or solving these problems. Some topics we will cover are human, land use, wildlife, water and energy conservation. There will be a hand out each week with reading and questions, occasional light research, and vocabulary memorization. Class time will be spend on discussing the topics, group activities, and vocabulary quizzes.

Supplies Needed: 3-ring binder, calculator, ruler, paper, and pencil

Class Fee: \$10.00 (\$200 for non-participating families)

Copy Fee: \$2.00

Robotics

4th Period-Fall

Class size limit: 10 students

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

Curriculum: *Robotics with the BOE Shield Bot for Arduino* by Andy Lindsay version 1.1

Summary: This will be a hands-on, exploratory class in basic robotics. Students will learn to program a BOE-Bot robot using an Arduino board and the computer language C. Class time will be spent experimenting in how to control the robot to perform certain tasks. Another goal of the class is to have at least two teams of three students commit to participate in The South Central PA Robotics Competition, which will be held on the Penn State Harrisburg Campus mid-November. (Link to the competition site:

<https://turing.cs.hbg.psu.edu/robotics/index.html>). The class will be using two robot kits that have been loaned to us by the competition in exchange for participation. However, if you voluntarily wish to purchase your own kit, here is the link to do so: <https://www.parallax.com/product/32335>.

***Prerequisite:** None, however if you had the STEM/Arduino class, it would be helpful.

Supplies Needed: Access to a computer with internet and USB ports.

Class Fee: \$10.00 (\$90.00 for non-participating families)

Copy Fee: \$2.00

Group Guitar

4th Period-Spring

Class size limit: 10 students

Homework: E *** Extensive (Daily homework)

Curriculum: Various songs based on student interest that will be sent home with students

Summary: This is for beginners and can be adjusted to the skill of your learner if he/she isn't a beginner. It will cover various artists in the modern worship genre. Practice should be taken seriously so the class can play songs together once/week.

Supplies Needed: Acoustic Guitar, 3 ring binder for song sheets

Class Fee: \$15.00 (\$90.00 for non-participating families)

Copy Fee: \$2.00

7 Habits of Highly Effective Teens

5th Period-Fall & Spring

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. (*Same class will be taught in the Fall and Spring)

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 (\$90.00 for non-participating families)

Copy Fee: \$3.00

Art Concepts

5th Period-Spring

Homework: L * Light (1-2 hours 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 (\$90.00 for non-participating families)

Copy Fee: \$1.00

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.

HS Literature

1st Period-Fall/Spring

Homework: E *** Extensive (Daily homework)

Curriculum: *Various*

Summary: This literature and composition course will expand on literary analysis. It shows students how to look at elements and devices of literature while building and exercising Christian discernment. It will teach students how to spot and critique various literary and rhetorical devices, as well as the worldviews and implications of the texts. , Students will write a literary analysis essay for each book, using correct form and citations. In addition to reading the novels, this course includes an oral report, multiple literary analysis essays, quizzes, and tested vocabulary learning.

Supplies Needed: The teacher's selection of classic novels

Fall: *To Kill a Mockingbird* by Harper Lee, *The Old Man and the Sea*, by Ernest Hemingway, *The Scarlet Letter* by Nathaniel Hawthorne, *The Innocence of Father Brown* by G.K. Chesterton, and *The Pearl* by John Steinbeck.

Spring: *Great Expectations* by Charles Dickens, *20,000 Leagues Under the Sea* by Jules Verne, *The Hound of the Baskervilles* by Arthur Conan Doyle, *The Wendigo* by Algernon Blackwood, and *the Death of Ivan Ilyich* by Leo Tolstoy

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: \$5.00 per semester (\$90 semester; \$150.00 full-year for non-participating families)

Copy Fee: \$2.00

Geometry

1st Period & 5th Period-Full Year

Homework: E *** Extensive (Daily homework)

Curriculum: Math-U-See *Geometry*

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

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

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

Class Fee: None (\$150.00 for non-participating families)

Research Paper

1st Period-Fall & Spring

Homework: E *** Extensive (Daily homework)

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

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

Supplies Needed: Students will need a copy of the book *Research in Increments*, a 3-ring binder or folder with lined paper for writing. In addition, depending on the method you choose, students may need 100 or more note cards and a ring or Ziploc bag to store them.

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

Algebra 2

2nd 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 (\$150.00 for non-participating families)

BiblioPlan Year 2: Medieval History

2nd Period-Full Year

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

Curriculum: BiblioPlan – Medieval and Church History from the Fall of Rome to the Renaissance

Summary: Year two begins with a brief review of the Roman Empire and will lead you through various empires, the persecution of the early church, and the Renaissance. 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 at home each week, then in class we will have discussion, projects, and games related to that week's topic. Homework, testing, semester projects, and class participation will be used to measure learning.

Supplies Needed: BiblioPlan Medieval History Companion (may be used by multiple grade levels), Medieval Cool History for Middles, Medieval Hands-on Maps for Middles, colored pencils, scissors, and a pencil. **Note: There is a special co-op discount for the BiblioPlan materials (see below). Please contact Mrs. Arlena Myers (amyers1007@gmail.com) for details.

Purchasing the required curriculum: Pricing this curriculum is tricky as each family has the opportunity to select different options, and the number of orders we have determines our co-op discount. You can order e-books, which can be printed multiple times within one family, or hardcopies, or a combination of the two. Be advised that the text and the map books use color extensively. You won't want to print the text if you buy the electronic version. Arlena Myers will do a bulk printing of the Cool History and Hands on Maps.

1. Each family will need 1 text, referred to as the “Companion”. These will not be used in class.
Pre-discount cost: \$42.95 e-book/\$99.95 hardcopy
2. Each student needs a Cool History book, which has homework questions. Pre-discount price: \$16.95 e-book/\$22.95 hardcopy.
 - a. 5th and 6th and Middle Schoolers will need the Upper Middles book
 - b. High Schoolers will use the advanced book
 - c. Pricing is identical for both versions. Printing will cost about \$5 in black and white, so you would save if you have more than one child/level.
3. Each student needs a Hands on Maps book, with weekly map assignments related to the reading for the week. Pre-discount cost: \$14.95 e-book/\$20.95 hardcopy for the Middle (used for 5th and 6th grade); \$16.95 e-book/\$22.95 hardcopy for Advanced (used for the Middle School and High School classes). Printing will cost about \$3 in black and white so you would save if you have more than one child/level. Color is somewhat helpful, and does make it more interesting for the student, but black and white is fine. Arlena Myers says she will have a black and white copy.
Class Fee: \$5.00 (\$150.00 for non-participating families)

Pre-Calculus

3rd Period-Full Year

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 (\$150.00 for non-participating families)

Apologia Biology

3rd 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*, 2nd 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*, 2nd edition (ISBN 978-1-932012) text, Solutions and Test manual, and colored pencils – at least a 24 pack. The Companion CD-ROM is recommended, but not required.

Class Fee: \$30.00 (\$200.00 for non-participating families)

Copy Fee: \$5.00

Personal Finance

3rd Period-Full Year

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

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

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

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

Class Fee: None (\$150.00 for non-participating families)

Copy Fee: \$2.00

Advanced Human Biology: Anatomy & Physiology

4th Period-Full Year

(Class size limit: 12 students)

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

Curriculum: *Apologia Advanced Biology in Creation: The Human Body*, 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 first-year chemistry course (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: \$30.00 (\$200.00 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: 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/ \$150.00 Full Year; \$90 Full Year with enrollment in other class(es))

Veterinary Assistant Prep Course (Class size limit: 12 students)

5th Period-Full Year

Homework: E *** Extensive (Daily homework)

Curriculum: Textbook for the Veterinary Assistant 1st Edition

Summary: This course will prepare your student to enter a veterinary assistant or tech school after graduation. In class, we will cover essential skills for the field, medical terminology including anatomy of animals covered in the texts,, clinical skills, office procedures, client communication, and more. We will also add some Marine Biology material and a dissection or two. Frequent quizzing is included in this course. There will be a term paper that will be required during the second semester. ****Prerequisite: High School Biology**

Supplies Needed: Textbook for the Veterinary Assistant 1st Edition by Kara Burns and Lori Renda-Francis (ISBN 978-0470959268), Veterinary Anatomy Coloring Book (ISBN 979-8689270890), 3-ring binder, paper, pencils, colored pencils, index cards.

Class Fee: \$20.00 (\$200.00 for non-participating families)

Copy Fee: \$5.00

Physics

5th Period-Full Year

(Class size limit: 10 students)

Homework: E *** Extensive (Daily homework)

Curriculum: Apologia *Exploring Creation with Physics*, 2nd Edition

Summary: (From the Christianbook.com website) It provides a detailed introduction to the methods and concepts of general physics. Heavily emphasizing vector analysis. It provides the student with a strong background in one-dimensional and two-dimensional motion, Newton's laws and their application, gravity, work and energy, momentum, periodic motion, waves, optics, electrostatics, electrodynamics, electrical circuits, and magnetism.

***Prerequisite:** Must have completed algebra and geometry and had an introduction to the definitions of sine, cosine, and tangent.

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

Class Fee: \$25.00 (\$200.00 for non-participating families)

Spanish 2

5th Period-Full Year

Homework: E *** Extensive (Daily homework)

Curriculum: BJU [Spanish 1](#)

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

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

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

Class Fee: \$10.00 (\$150.00 non-participating families)

Copy Fee: \$3.00