

CHASE Academy Course Catalog 2026-2027 School Year

(Version Dated 3/16/2026)

This catalog includes information about all classes to be offered at CHASE Academy during the 2026-27 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 \$25.00 supply fee for each child in the K3/4 class. CHASE will provide supplies for all classes.**

ABC/Math Time

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

Curriculum: Hands on activities, songs, rhymes, poems, and storybooks.

Summary: 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*

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: . 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*

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 age appropriate writing activities and practice.

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, crafts and worksheets to illustrate our topics. We will study Nature, Weather, Animals, and General Science, just to name a few topics.

Supplies Needed: Writing pencil, crayons, glue stick, and scissors. Also a folder for worksheets.

Class Fee: \$8.00

Copy Fee: \$5.00

Seasonal Themes

Homework: **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: 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: *Various books and Pinterest Inspiration*

Summary: In this class we will introduce different art techniques. Students will get to learn about sketching, tissue paper use, construction paper weaving, watercolor art projects, and nature art.

Supplies Needed: pencil, markers, colored pencil, scissors, and glue

Class Fee: \$11.00

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. (Note: The same class will be offered both semesters)

Supplies Needed: Pencil, crayons, colored pencils, scissors and glue stick. No markers please. Also - please provide a 1 in 3 ring binder to keep all of our crafts in during the semester and to display at the learning fair.

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

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 each week in class. In this class we will be learning Newton's Laws, biology, chemistry, botany, and geology.

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

Class Fee: \$8.00

Copy Fee: \$3.00

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

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. Students will have a chance to learn beat and rhythm and make a few handmade instruments along the way!

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

Class Fee: \$3.00

Copy Fee: \$3.00

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. (Note: The same class will be offered both semesters)

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

Class fee: \$5.00

Copy fee: \$5.00

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

Class Fee: None

Read/Write

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

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

Summary: This class will include quality read alouds with a focus on comprehension strategies, as well as introductions to basic grammar skills and parts of speech. We will practice these skills through games, fun activities and basic writing activities. Homework will include a simple book project to practice writing skills and identifying the elements of a story, and will be completed over the course of the semester.

This class 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. Student needs to 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: folder, sharpened pencils, crayons or colored pencils, glue stick, and scissors.

Class Fee: None

Copy Fee: \$5.00

Seasonal Themes

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

Curriculum: N/A

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

Supplies Needed: Pencils, crayons, colored pencils, scissors, and 2 glue sticks

Class Fee: \$5.00

Copy Fee: \$5.00

Space

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

Curriculum:

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

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

Class Fee: \$5.00

Copy Fee: \$4.00

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

Art

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

Curriculum: N/A

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

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

BJU Writing

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

Curriculum: BJU Press *English 3: Writing and Grammar Student Worktext*, 3rd Edition

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

Summary: This course integrates writing and grammar. A step-by-step writing process will be used to guide students in writing paragraphs, essays, reports, and other assignments. Students will complete portions of the writing assignments in class, but they will also be asked to periodically complete drafts or final copies for homework.

Grammar instruction will focus on sentence structure and parts of speech. To use this course as a comprehensive grammar course, the student should complete the assigned grammar homework each week under the supervision and correction of a parent.

For planning purposes, please set aside approximately 20 minutes each day for three days out of the week to complete the grammar and writing assignments.

Required Textbook: BJU Press *English 3: Writing and Grammar Student Worktext*, 3rd Edition, ISBN # 978-1-62856-602-4. **The worktext is required for class each week.**

Supplies Needed: sharpened pencils, colored pencils or crayons

The teacher will supply each student with a writing folder and journal on the first day of class.

Class Fee: \$5.00

Copy Fee: \$5.00

Fix It Grammar (3rd)

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

Curriculum: IEW Fix It! Grammar Nose Tree Level 1 (4th edition)

Summary: In addition to teaching through the Fix-it grammar lessons, grammar will be reinforced through song, games, projects, literature, and light writing. Regular homework will include completing the daily sentence assignment. Occasional additional/optional homework may be assigned.

Supplies: Fix It! Grammar Nose Tree Student Book Level 1 (4th edition) **Class fee: none**

Fix It Grammar (4th)

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

Curriculum: IEW Fix It! Grammar Nose Tree Level 1 (4th edition)

Summary: In addition to teaching through the Fix-it grammar lessons, grammar will be reinforced through song, games, projects, literature, and light writing. Regular homework will include completing the daily sentence assignment. Occasional additional/optional homework may be assigned.

Supplies: Fix It! Grammar Nose Tree Student Book Level 1 (4th edition)

Class fee: none

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: \$3.00

Copy Fee: \$3.00

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 activities and projects. There will be required reading and assignments each week, as well as optional assignments you can do if you choose.

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

Class Fee: \$5.00

Copy Fee: \$5.00

K'nex Bridges Homework:

Homework: 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: \$2.00

LightKeeper Girls

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

Curriculum: This class will use *Ten Girls Who Didn't Give In* by Irene Howat, which is part of the LightKeepers series.

Summary: We will cover 10 female martyrs, study their lives, convictions, and faith to discover how to live a bold life for Jesus even while we're still young. There will be required reading (14-15 pages) each week and projects related to a Christian martyr to be completed throughout the semester.

Supplies Needed: *Ten Girls Who Didn't Give In* by Irene Howat

Class Fee: \$6.00

Copy Fee: \$5.00

Light Science

Homework: Moderate. Students will read or listen to 2-3 (short!) chapters per week and complete a Nature Journal entry pertaining to what they have read.

Curriculum: Storybook of Science by Jean-Henri Fabre. We will follow the recommended schedule for this book developed by AmblesideOnline, a Charlotte Mason Curriculum.

Summary: This course is designed with the principle that science should spark wonder and admiration in children as they discover God's world, and learn from it by observation. The spine of the course is Jean-Henri Fabre's "Storybook of Science," in which an uncle tells his niece and nephew stories of wonder about Nature. Throughout the course students will read the various chapters and observe nature around them with an eye for imagination and wonder. Class time will be spent sharing students' observations from the week, and watching video clips, looking at guidebooks and completing experiments that illustrate principles from the chapters.

Supplies Needed: A copy of Storybook of Science by Jean-Henri Fabre. Living book press has a beautiful copy. A workbook will be provided. Pencil, colored pencils, crayons, glue stick, scissors.

Class Fee: \$10.00

Copy Fee: \$5.00

PA History

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

Curriculum: *Pennsylvania Keystones: The History of a State and a Nation* by Susan Kemmerer, Schoolhouse Publishing and various other sources.

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: 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

Class Fee: \$7.00 for recorder, if needed (recorders will be provided on the first day of class; if your child comes with their own, the \$7 will be refunded by CHASE)

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, an overview of the world, and study of all 7 continents. This will include mapping activities, atlas usage, notebooking, and culture.

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

Class Fee: \$8.00

Copy Fee: \$2.00

Zoology 1-Flying Creatures

Homework: E *** Extensive (Daily homework)

Curriculum: *Apologia Exploring Creation with Zoology 1: Flying Creatures 2nd Edition* ISBN 10: [1946506931](#) / ISBN 13: [9781946506931](#)

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 2nd Edition ISBN 10: [1946506931](#) / ISBN 13: [9781946506931](#), *Notebooking Journal* ISBN 10: 194650694X ISBN 13: 9781946506948, glue stick, pencils, markers/crayons, scissors.

Class Fee: \$10.00

Copy Fee: \$5.00

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

Art

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

Curriculum: N/A

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

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

Class Fee: \$10.00

Copy Fee: \$3.00

Anatomy & Physiology

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

Curriculum: Apologia *Exploring Creation with Human Anatomy and Physiology* textbook, 3rd edition

Summary: This course explores the human body using engaging text, exciting activities, and interesting experiments. We will cover many of the body's systems in depth. During the week, students will need to read the assigned text (approximately 8 pages) and complete an assignment from the science notebook. Class time will be devoted to reviewing the material read at home and doing activities and experiments. In the spring semester, each student will be expected to complete a project about an anatomy topic and present it to the class.

Required Textbook: Apologia *Exploring Creation with Human Anatomy and Physiology* textbook, 3rd edition (ISBN 978-1-935495-14-7). **We will not be using the notebook journal, so please do not purchase one.**

Supplies Needed: sharpened pencils, glue sticks, colored pencils, and scissors

Each student will receive a science notebook with assignments and activities on the first day of class.

Class Fee: \$15.00

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 (Fall)

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:

Class Fee:

Copy fee:

Mystery of History 3

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

Curriculum: *The Mystery of History Volume III: The Renaissance, Reformation, & Growth of Nations*

Summary: *The Mystery of History Volume III* covers world history from the War of the Roses in England (1455) to Isaac Watts (1707). Where most Renaissance studies primarily highlight the achievements of mankind, *MOH Volume III* shines light on God's hand in history through the Reformation and synchronizes the Renaissance and the Reformation - on one meaningful timeline. (The access code to a digital *Companion Guide*, a 500+ page PDF resource, full of curriculum for all ages, is found on the inside cover of the book!)

Students will be expected to complete 3 lessons each week. A lesson consists of reading 3-4 pages in the textbook. Class time will be spent reviewing the highlights of the lessons and completing timeline and/or mapping activities. (Visit 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 III: The Renaissance, Reformation, and Growth of Nations* 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 978-1892427083

Class Fee:

Copy Fee: \$5

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: E *** Extensive (Daily homework)

Curriculum: *Your Business Math: Pet Shop Math Edition*

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 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."

Supplies Needed: 1 inch 3 ring binder, glue, pencils, markers/crayons, scissors.

Class Fee: \$10.00

Copy Fee: \$20

Zoology-1 Flying Creatures

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

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 presentations 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: 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

US Geography

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

Curriculum: *Trail Guide to US Geography*

Summary: Students will go on a geography journey through all 50 states using map skills, an atlas, research and projects. At the end of the year they will have a geography notebook of everything they learned! Class time will be spent reviewing material, presenting projects, and doing activities associated with the state(s) learned the previous week.

Supplies Needed: *Desk Atlas of the United States* (ISBN: 9781931397728)

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

Class Fee: \$5.00

Copy Fee: \$10.00

Zoology 3- Land Animals

Homework: E *** Extensive (Daily homework)

Curriculum: *Apologia Exploring Creation with Zoology 3*

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), *Apologia Exploring Creation with Zoology 3 Notebooking Journal*, glue stick and/or tape runner, pencils, markers/crayons, scissors.

Class Fee: \$10.00 **Copy Fee:** \$2.00

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

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

BiblioPlan Year 3

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

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

Summary: BiblioPlan Year Three covers US history from colonization until shortly before the Civil War and places US history in the context of other world events and developments. It is fascinating to see how truly interconnected the world has been for centuries! The text balances US and world history, but we will spend additional time on important US history events. BiblioPlan also examines church history, impactful Christians, and geography. Students will be required to read chapters from the BiblioPlan Companion book, complete a worksheet with comprehension questions from the chapter, and map work at home each week. Homework, testing, and semester projects will be used to measure learning.

*We have a co-op discount for purchasing the text and materials through the publisher. This will be emailed out to families who sign up for the class. Please contact Mrs. Arlena Myers (amyers1007@gmail.com) for details if needed.

**You may choose which of the text levels best suits your family. The Remember the Days text is designed for 3rd to 8th grade and the Companion for 8th to 12th grades. BiblioPlan offers an MP3 reading of both of them and both track together, covering all of the same major information in corresponding chapters. If you intend to do history together, with an older sibling, or your child is a good reader, they can use the Companion. If you need your child to be able to do their history completely independently, RTD will make it easier for them. Both will be on the curriculum table and you can see samples on the website: www.biblioplan.net/shop-year-3. Feel free to discuss your choices with Arlena if you are unsure!

***Please purchase the text in hardcover, whether you opt for the Companion or RTD. Kids who have used the e-text have struggled with it. You can opt to get the maps in e-book format and print it out or order it in hardcopy.

Supplies Needed: BiblioPlan Companion Year Three: A Text for Early Modern History (ISBN 9781942405009) OR BiblioPlan's Remember the Days: Book 3 (ISBN 1942405588), BiblioPlan's Hands-On Maps for Advanced: Early Modern History (ISBN 9781942405405), 3-ring binder or folders (one to store checked work at home and one to turn in with weekly homework), pencils, and colored pencils. Homework worksheets will be posted weekly on the Forum to be printed at home.

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

Copy Fee: \$4.00

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, paper, folder.

Class Fee: \$5.00 (\$100-\$110 for non-participating families)

Copy Fee: \$5.00

Composition

Homework: E *** Extensive (Daily homework)

Curriculum: *Jump In Middle School Composition* and handouts

Summary: This text eases the student into writing as they start by writing about an opinion they have and continue on with other assignments designed to hold a middle schooler's interest. The writing assignments are designed to incorporate their perspective and emotions. They will learn to generate ideas, assess them, choose one, outline their writing, write the first draft, edit their work, enlist an editor, present the final work. A paragraph chart will be introduced to teach the parts of a well written paragraph. They will practice opinion, cause and effect, poetry, journaling, and story writing. Proofreading and editing 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: None (\$160.00 for non-participating families)

Copy Fee: \$7.00

Figuratively Speaking

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

Curriculum: *Figuratively Speaking*

Summary: This class will draw on 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 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: pencil

Class Fee: \$7.00 (\$100 for non-participating families)

Copy Fee: \$5.00

General Science

Homework: E *** Extensive (Daily homework)

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

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

Supplies Needed: Apologia *Exploring Creation with General Science* Textbook 3rd edition (ISBN 9781946506276). These editions are newly published in 2019 - see

<https://www.apologia.com/3-general-science> or other sites to purchase this new version. Please do not purchase the Student Notebook or Test Solutions Manual. Also needed for the class are a calculator, notebook, paper, and pencil.

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

Copy Fee: \$0

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/games, and paragraph writing.

Supplies Needed: paper and pencil

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

Copy Fee: \$0

Light Science- Inventions & Ideas

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

Curriculum: Gather Round, *Inventions and Ideas* (Purchase workbook at [Inventions and Ideas Unit \(Printed Books\) – Gather 'Round Homeschool USA](#))

Summary: Explore the fascinating world of scientific discovery and invention! Using *Inventions and Ideas* from Gather 'Round Homeschool, this course dives into stories, experiments, and breakthroughs that shaped our modern world. Students will investigate how scientific principles fuel innovation-from early engineering marvels to life changing medical discoveries and groundbreaking technologies. Through hands-on experiments, research projects, and interactive discussions, students will uncover the science behind famous inventions and the thinkers who made them possible. This course emphasizes curiosity, creativity, and real-world application. By examining how ideas become inventions, students will gain a deeper understanding of scientific inquiry, the engineering design process, and the impact innovation has on society. Perfect for students who love to ask "How does that work?" and "What if...?".

Supplies Needed: pencil, colored pencils, markers or crayons

Class Fee: \$3.00

Copy Fee: \$2.00

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 3

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

Curriculum: *The Mystery of History Volume III: The Renaissance, Reformation, & Growth of Nations*

Summary: *The Mystery of History Volume III* covers world history from the War of the Roses in England (1455) to Isaac Watts (1707). Where most Renaissance studies primarily highlight the achievements of mankind, *MOH Volume III* shines light on God's hand in history through the Reformation and synchronizes the Renaissance and the Reformation - on one meaningful timeline. (The access code to a digital *Companion Guide*, a 500+ page PDF resource, full of curriculum for all ages, is found on the inside cover of the book!)

Students will be expected to complete 3 lessons each week. A lesson consists of reading 3-4 pages in the textbook. Class time will be spent reviewing the highlights of the lessons and completing timeline and/or mapping activities. (Visit 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 III: The Renaissance, Reformation, and Growth of Nations* 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 978-1892427083

Class Fee: Copy Fee: \$5

PA History

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

Curriculum: N/A

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: 3-ring binder. No book is required. Any additional materials will be provided.

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

Copy Fee: \$5.00

Physical Education

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: \$100.00 for semester/ \$160.00 for Full Year with enrollment in other class(es))

Copy Fee: NA

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

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.*

Algebra I

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. It must be the current edition (c2009).

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

Art

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

Curriculum: Various

Summary: You may think that it is obvious that lines are used to create art, but it is important to know how powerful a simple line can be. Students will learn the basics of drawing lines, shapes and patterns in this class to help them create more realistic drawings. The students will learn to use color and shading to create more interesting drawings, as well as learn sketching techniques, like blind-drawings. The students will have the opportunity to explore different mediums as we learn to use lines to create beautiful pieces of art.

Supplies Needed: Sketch book 8x10 or larger, pencils, a good eraser, colored pencils and at least one fine point black sharpie marker

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

Copy Fee: \$1.00

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

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

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

Curriculum: varied sources

Summary: Each class, students will be responsible for creating a full-sized meal. One-three students each week will go shopping with the teacher at Blessings of Hope for ingredients. More advanced students will be challenged with more advanced skill building.

Supplies: Pack of latex (or similar) gloves; 3 ring binder for recipes and notes, kitchen items from home, as needed

Class fee: \$30

Copy fee: \$5

DIY Crafts

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

Curriculum: Varied sources

Summary: simple DIY crafts such as soap making, candle making, punch needling and no-sew projects and some painting.

Supplies: May need to buy stuff for the weeks assignment

Class fee: \$25.00

Copy fee: \$1.00

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 1946506869) 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

Microsoft Office

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 Microsoft 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)

Copy Fee:

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

Photography

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

Curriculum: Fundamentals of Photography by Great Courses

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

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

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

Copy Fee:

Physical Science

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 atoms and basic chemistry, atmosphere, the hydrosphere, 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 or Pre-Algebra. Each week students can expect some combination of reading and answering questions from the text, completing worksheets and study guides 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 40-50 minutes each day on Science. Tests will be taken at home (monitored by a 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.**} Paper, pencil, and scientific calculator. *Apologia Exploring Creation with Physical Science* textbook, 3rd edition (ISBN 9781946506511), Test Pages for 3rd edition (ISBN 978-1946506535). *Optional:* 3rd edition Student Notebook (ISBN 978194646506542), Solutions & Test Manual, 3rd edition (ISBN 9781946506528) this includes the test pages and answers.

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

Copy Fee: \$5.00

Small Engines

Study Skills

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

Curriculum: How to Become a Superstar Student, 2nd 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

Woodworking

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)

Copy Fee: None

American Government

Homework: E *** Extensive (Daily homework)

Curriculum: BJU Press, *American Government*

Summary: *American Government Student Edition (4th ed.)* presents US government from a biblical perspective and will encourage students to appreciate our heritage. The text aims to develop students' critical-thinking skills and demonstrates how knowledge of history and government are crucial for making decisions about issues on the local, state, and national levels. During this course, students will study the foundations of our country, the Constitution, the three branches of government, and political parties and politics.

Supplies Needed: BJU Press, *American Government(4th ed)* student textbook **ISBN-13:** 978162856424, Student workbook **ISBN-13:** 9781628565423

Class Fee: \$7.00

Copy Fee: \$5.00

Biblio Plan 3

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

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

Summary: BiblioPlan Year Three covers US history from colonization until shortly before the Civil War and places US history in the context of other world events and developments. It is fascinating to see how truly interconnected the world has been for centuries! The text balances US and world history, but we will spend additional time on important US history events. BiblioPlan also examines church history, impactful Christians, and geography. Students will be required to read chapters from the BiblioPlan Companion book, complete a worksheet with comprehension questions from the chapter, and map work at home each week. Homework, testing, and semester projects will be used to measure learning.

*We have a co-op discount for purchasing the text and materials through the publisher. This will be emailed out to families who sign up for the class. Please contact Mrs. Arlena Myers (amyers1007@gmail.com) for details if needed.

** BiblioPlan offers an MP3 reading of the text: www.biblioplan.net/shop-year-3.

***Please purchase the Companion (text) in hardcover. Kids who have used the e-text have struggled with it. You can opt to get the maps in e-book format and print it out or order it in hardcopy.

Supplies Needed: BiblioPlan Companion Year Three: A Text for Early Modern History (ISBN 9781942405009), BiblioPlan's Hands-On Maps for Advanced: Early Modern History (ISBN 9781942405405), 3-ring binder or folders (one to store checked work at home and one to turn in with weekly homework), pencils, and colored pencils. Homework worksheets will be posted weekly on the Forum to be printed at home.

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

Copy Fee: \$4.00

Biology

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 for participation in dissections.*

Supplies Needed: Apologia *Exploring Creation with Biology*, **2nd edition**** (978-1932012545), (ISBN-10: 1932012540), The Solutions for study guide 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*, 4th Edition * See note below*

Summary: This course will be offered as a 2-period block consisting of lecture during 4th period and labs during 5th 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*. CHASE will lend you the textbook. 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

Creative Writing

Homework:

Curriculum:

Summary:

Supplies Needed:

Class Fee:

Copy Fee:

Economics

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

Curriculum: TBD

Summary:

Supplies Needed:

Class Fee:

Copy Fee:

Grammar & Composition

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

Curriculum: *Abeka's Handbook of Grammar & Composition*, Fifth Edition

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. 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

Homework: E *** Extensive (Daily homework)

Curriculum: *varied.*

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: TBD

Spring: TBD

Supplies Needed: The teacher's selection of novels, highlighters, pens, a thin binder to keep any extra classes handouts.

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

Copy Fee: \$7.00

Pre-Calculus

Homework: E *** Extensive (Daily homework)

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

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

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

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

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

Copy Fee:

Personal Finance

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

Curriculum: *Foundations in Personal Finance: 4th 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

Physical Education

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))

Spanish I

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 (Available to CHASE students on [Google Drive](#))

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: \$5.00

Spanish II

Homework: E *** Extensive (Daily homework)

Curriculum: BJU Spanish 1

Summary: Spanish 2 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 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 (Available to CHASE students on [Google Drive-Spanish 2](#))

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: \$5.00