



Calvary Chapel Fluvanna Homeschool Co-op Course Descriptions 2023-2024 Academic Year

Welcome to the 2023-2024 Wednesday Homeschool Co-Op at Calvary Chapel Fluvanna. This document gives a summary of all the classes being offered for the next academic year. If you have any questions, please contact Gabi Dech at gabi@ccfluvanna.com. If you have any class-specific questions, please contact the teacher via email. There is a contact list at the very end of this document for reference.

The course offerings are divided by subject with the exception of some general class offerings for preschool through early elementary ages. Class fees are also listed (including a one-time materials fee in many cases). Please use this guide to help you select the class(es) for your child(ren). While we will do our best to accommodate everyone's choices, please understand that some classes may fill up more quickly than others. When that happens, we will begin waiting lists and will add your child(ren)'s name(s) to those lists in the order that the requests were received.

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Classes for Little Learners

●Around the World for Little Explorers - preK-K (ages 4 to 6)

Teacher: Debbie Merrow

Time: 9:00 - 9:55 AM

Maximum Class Size: 10

We will gather together to learn about a different country every week. Together we will explore new places in God's beautiful world through stories, songs, movement, art, games, food and more.

Around the World for Little Explorers Course Fees:

Tuition: \$20 per student /month (or \$80 for September through December and \$100 for January through May, or \$180 for the year)

Materials: \$20

●Phonics Fun - PreK - K/1 (for students aged 4 to 6)

Teacher: Karen Miller

Time: 11:00 - 11:55 AM

Maximum Class Size: 14

Prerequisite: Some knowledge of the alphabet and letter recognition is helpful

Outside Class Time: Some at home review/instruction needed for phonics retention.

Course Overview:

Phonics instruction is important for literacy proficiency. Phonics instruction helps children learn the relationships between the letters of written language and the sounds of spoken language. Learning that there are predictable relationships between sounds and letters allows children to apply these relationships to both familiar and unfamiliar words and to begin to read with fluency. Phonics instruction should be **Systematic and Explicit**.

In this course, children will have opportunities to apply what they are learning about letters and letter sounds through games, songs, worksheets, short stories, and activities. Children will work toward letter and word recognition, spelling basic blends, decoding, and processing letter sounds.

Phonics Fun Course Fees:

Tuition: \$25 per student/month (or \$100 for September through December and \$120 for January through May or \$225 for the year)

Materials: \$50

●Character Counts for Preschoolers - preK - K/1 (ages 4-6)

Teacher: Karen Miller

Time: 10:00 - 10:55 AM

Maximum Class Size: 14

Join us for "Character Counts" where young students can explore foundations of character through games, activities, crafts, snacks, read alouds, puppet shows, and more. We will focus on different character traits every 2-3 weeks (such as, but not limited to, honesty, respect, kindness, self-control, responsibility, initiative, contentment) as well as learn more about what God desires to teach us about character through the seasons. This class is a great chance for children to make friends, learn through creative/outdoor play, and develop a love of learning, all while being introduced to the homeschool co-op environment.

Character Counts Course Fees:

Tuition: \$25 per student/month (or \$100 for September through December and \$120 for January through May or \$225 for the year)

Materials: \$50

●Read Aloud STEM [formerly “STrEAMers”] - Cycle 2 Grades 1 to 4 (ages 6-10)

Teacher: Karen Miller

Time: 9:00 -9:55 AM

Maximum Class Size: 20

Prerequisite: None

Outside Class Time: No weekly homework assignments; possibly a year end project

Course Overview:

S.T.E.A.M. stands for Science, Technology, Engineering, Art, and Math. This class is a balance of both STEAM activities with a reading/literary component. Consider this a book club with a spin. The students will listen to great literary picks with weekly or bi-weekly STEAM activities. The main goals of this course are: have fun, let them lead, let them make decisions, and encourage level-based learning.

*A fluent reading ability is not necessary. All books will be read in class by the teacher.

*Material fees will cover all the usable components such as, tape, pipe cleaners, cardboard, coloring utensils, scissors, paper, popsicle sticks, rubber bands, pom-poms, books, etc. There are no additional textbooks and no outside homework assignments (except possibly an end-of-the-year project). Donations of paper towel rolls, toilet paper rolls, and the like are always appreciated.

CYCLE YEAR 2 - This is Year 2 of this course, if your child has taken Year 1 (in 2022-2023) they can take this course again as all the projects, STEAM builds, and literary works will be different for Cycle Year 2.

Read Aloud STEM Course Fees:

Tuition: \$25 per student/month (or \$100 for September through December and \$120 for January through May or \$225 for the year)

Materials: \$50

Math Classes

●Math Club - K-2nd grade (ages 5 to 8)

Teacher: Laura Mason

Time: 11:00 - 11:55 AM

Maximum Class Size: 6-14

Experiencing math in tangible ways is what this class is all about. We will be playing with numbers and allowing the children to discover new ideas through experimentation, which leads to mathematical thinking. Throughout the year, we will explore different foundational math concepts such as pattern, place value, addition, subtraction, measurement, graphing, money, time, multiplication, division, fractions, geometry, and more. We will use Cuisenaire rods and geoboards extensively throughout the year, progressing sequentially through various math topics. Our other activities will include a variety of other manipulatives, everyday objects, movement, crafts, and games that will help students grasp these topics on a deeper level and enjoy using math in meaningful ways. Students will receive seasonal worksheet packets to use in class and finish at home. There will be no homework for this class, but students should follow their own math curriculum at home.

Math Club Course Fees:

Tuition: \$25/month (or \$100 for September through December and \$125 for January through May, or \$225 for the year)

Materials Fee: \$30

●Elementary Math - grades 1-3 (ages 6 to 9)

Teacher: Courtney Shareck

Time: 9:30 - 10:55 AM (note that this is an extended class period)

Maximum Class Size: 15

Prerequisite: Students need to be able to count, add and subtract numbers 1-10.

This class will require time outside of class time to complete math work. Please anticipate 3-5 hours a week outside of class time.

In this class, we will cover a whole year's worth of math concepts geared for 2nd graders. We will primarily be using guided math curriculum, which I have used successfully in second grade classrooms. We will also use traditional methods as well as manipulatives and games to master the concepts taught throughout the year. Parents will be given a guide to facilitate their child's learning on days that they are not with the teacher.

Concepts covered include the following:

- **Numbers and number sense:** Number concepts to 1000: Odd/even; counting; skip counting; place value; read & write numbers; compare; order & represent numbers
- **Addition:** Addition of 2-digit numbers: fluently add within 20; place value to add; add up to four 2 digit numbers; addition with regrouping; word problems.
- **Subtraction:** Subtraction of 2 digit numbers: fluently subtract within 20; place value to subtract, subtraction with regrouping; word problems
- **Fractions and Geometry:** Describe attributes; recognize & draw shapes; compose & decompose shapes; partition shapes into equal shares & describe; compare fractions; symmetry

- **Addition and Subtraction 3 digit:** addition and subtraction of 3-digit numbers within 1000 using concrete models, drawings & strategies; with and without regrouping and using mental math
- **Measurement & Time:** measure & estimate length, height & distance using tools & standard units (inches, feet, cm, meters); time to the quarter hour & nearest five minute
- **Money (financial literacy)** estimate, count, represent group of coins to \$1; word problems; use symbols correctly; compare and order money amounts to \$100; financial literacy
- **Data & Probability:** gather data to answer a question; collect & display data on picture & bar graphs; describe & answer questions about data; describe probability
- **Multiplication & Division;** Multiply is to combine equal groups; repeated addition & sentences; rectangular arrays; divide is the sharing of a quantity equally; repeated subtraction.

Elementary Math Course Fees:

Tuition: \$35 per month (or \$140 for September through December and \$175 for January through May, or \$315 for the year)

Materials Fee: \$50 (manipulative kit for home use will be provided)

●Upper Elementary Math A - grades 4-6 (ages 9-12)

Teacher: Rebecca Schmitz

Time: 11:00 - 11:55 AM

Maximum Class Size: 12

Prerequisites: 3rd grade math

Elementary math classes for grades 4-6 will rotate every two years. Year A will focus on basic math operations with whole numbers, fractions, and decimals, factors and multiples, divisibility rules, solving simple equations, ratios and proportional relationships, percentages and word problems. Students will learn through a variety of teaching strategies including manipulatives, examples, and problem sets.

Year B (offered next year) will focus on basic math operations, geometry, generate and analyze patterns and relationships, measurement and data, statistics and probability, problem-solving skills, compound measures, recognizing math symbols, time zones, and drawing geometric models.

Upper Elementary Math A Course Fees:

Tuition: \$25 per month (or \$100 for September through December and \$125 for January through May, or \$225 for the year)

Materials Fee: \$50

●Middle School Math - grades 6-8 (ages 11-14)

Teacher: Mark Brennan

Times and days: 9:40 - 10:55 AM on Mondays
9:30 - 10:55 AM on Wednesdays
Virtual session on Thursdays

Maximum Class Size: 20 (minimum 5)

Prerequisite: 6th grade-level math

**This class will meet two days per week, on Mondays and Wednesdays and once virtually on Thursdays.*

Students should expect to have 4-5 hours of homework per week.

This class will prepare students for PreAlgebra and Algebra. Subjects covered include the following:

- Numbers and number sense: fractions, exponents, absolute value, perfect squares and square roots, comparing and ordering rational numbers.
- Computation and estimation: solve practical problems with real numbers, and solve single-step and multistep practical problems using proportional reasoning.
- Measurement and geometry: practical problems involving volume and surface area of cylinders and rectangular prisms, practical problems involving corresponding sides and angles of similar triangles and quadrilaterals, applying translations and reflections of right triangles and rectangles in the coordinate plane.
- Probability and statistics: investigate theoretical and experimental probability of events; create and interpret histograms, stem-and-leaf plots, circle graphs, and line plots.
- Patterns, functions, and algebra: determine slope as a rate of change and y-intercept for linear functions ($y = mx + b$), and make connections between additive and proportional relationships for linear functions; evaluate expressions for given replacement values of variables; solve two-step equations in one value including practical problems; solve one- and two-step inequalities, including practical problems, and graph solutions on a number line.

Middle School Math Course Fees:

Tuition: \$60 per month (or \$240 for September through December and \$300 for January through May, or \$540 for the year)

Materials Fee: \$20

Upper-Level Math at the CCHC

The “Suggested Sequence of Math Classes” below has been put together by CCHC’s Math faculty and is meant to be used as a guide as you register your older child(ren) for math classes. **If you are brand new to the CCF Homeschool Co-Op or unsure what class is best for your child(ren), please email Gabi Dech at gabi@ccfluvanna.com to find out whether your student(s) might need to take a placement test prior to registering for the co-op.**

Suggested Sequence of Math Classes

Middle School Math

Pre-Algebra

Algebra 1 or Algebra 1A (first half of Algebra 1)

A student’s foundational understanding of Algebra 1 is a prerequisite for success in Geometry and Algebra 2. For students who need more time to thoroughly understand the concepts, it would be wise to take two years to complete Algebra 1. This is also a good choice for seventh or eighth grade students who have completed Pre-Algebra.

Algebra 1B (second half of Algebra 1)

This course follows Algebra 1A to complete the entire Algebra 1 curriculum. This course would also be a good choice for the homeschooled student who started Algebra 1 but did not finish. **(Please note that this class will not be offered during the 2023-24 academic year but will be offered in the 2024-25 academic year).**

Geometry

Geometry promotes abstract thinking as well as a review of Algebra 1 skills. It also helps prepare you to be successful in related subject areas like science classes (especially Chemistry) and Algebra 2. Geometry includes a brief introduction to Trigonometry.

Algebra 2

Algebra 2 is an extension of the Algebra 1 curriculum. Topics that were first introduced in Algebra 1 will be built upon and applied to problems that require higher order thinking skills. Algebra 2 builds a foundation of mathematics for those students going on to Pre-Calculus and/or students who are college bound. Along with many colleges, many careers require a successful completion of Algebra 2.

Precalculus with Trigonometry

This is an in-depth study of trigonometry which is invaluable to success in Calculus. It involves both Algebra and Geometry and applying those concepts to circular and periodic functions. This class also provides a strong foundation of precalculus concepts, techniques, and applications to prepare students for Calculus.

● PreAlgebra - grades 7 to 8 (ages 12 to 14)

Teacher: Mark Brennan

Time: 11:05 AM - 12:20 PM on Mondays

8:00 - 9:25 AM on Wednesdays

On Thursdays (as a virtual class), Time TBD

Maximum Class Size: 20 (5 minimum)

Prerequisite: Students must take a placement exam at the Co-op.

This class will meet two days per week, on Mondays and Wednesdays, as well as a virtual session on Thursdays.

Students should expect to have 4-5 hours of homework per week.

This class will prepare students for Algebra. Subjects covered include the following:

- Numbers and number sense: compare and order real numbers; describe relationships between subsets of the real number system; find positive and negative square roots of perfect squares, and determine the consecutive integers between which a square root lies.
- Computation and estimation: solve practical problems involving consumer applications.
- Measurement and geometry:
 - Understand and apply the Pythagorean Theorem
 - Understand the relationship between vertical, adjacent, supplementary and complementary angles, and how to find unknown angles using these.
 - Apply translations, reflections, dilations, and rotations of polygons in a coordinate plane, and understand the practical applications of these.
 - Solve problems involving volume and surface area of cones and square based pyramids; describe how changing one measured attribute of a rectangular prism affects the volume and surface area.
 - Solve area and perimeter problems for composite plane figures.
- Probability and statistics
 - Compare and contrast the probability of independent and dependent events, and determine the probability for each.
 - Represent data in boxplots, make observations and inferences about data in boxplots, and compare and analyze two sets of data using boxplots.
 - Represent data in scatterplots; make observations about data in scatterplots; use a drawing to estimate line of best fit for data represented in a scatterplot.
- Patterns, functions, and algebra:
 - Evaluate algebraic expressions for given replacement values and simplify expressions.
 - Determine whether a relation is a function, and determine the range and domain of a function.
 - Recognize and describe the graph of a linear function with a slope that is positive, negative, or zero; identify the slope and y-intercept of a linear function, given a table of values, a graph, or an equation in $y = mx + b$ form; determine the independent and dependent variable, given a practical situation modeled by a linear function; graph a linear function given the equation in $y = mx + b$ form; and make connections between and among representations of a linear function using verbal descriptions, tables, equations, and graphs.
 - Solve multistep linear equations in one variable with the variable on one or both sides of the equation, including practical problems that require the solution of a multistep linear equation in one variable.

- Solve multistep linear inequalities in one variable with the variable on one or both sides of the inequality symbol, including practical problems, and graph the solution on a number line.

PreAlgebra Course Fees:

Tuition: \$60 per month (or \$240 for September through December and \$300 for January through May, or \$540 for the year)

Materials Fee: \$20

Textbook: TBD

● Algebra IA - grades 7-10 (ages 13 to 16)

Teacher: Rebecca Schmitz

Time: 9:40 - 10:55 AM on Mondays

9:30 - 10:55 AM on Wednesdays

Maximum Class Size: 24

Prerequisite: Students must take a placement exam at the Co-op.

**This class will meet twice a week on Mondays and Wednesdays and include instructional videos.*

This class covers the first half of Algebra I. A student's foundational understanding of Algebra I is a prerequisite for success in Geometry and Algebra II. This class is designed for students who need more time to thoroughly understand the concepts and for younger students ready to study Algebra I. This is also a great choice for homeschool co-ops since classes do not meet daily, therefore allowing for more teaching time. Students will learn algebraic concepts through a variety of teaching strategies including manipulatives, examples, and problem sets.

Algebra IA Course Fees:

Tuition: \$50 per month (or \$200 for September through December and \$250 for January through May, or \$450 for the entire year)

Material Fee: \$50 includes all materials

● Algebra IB - grades 8-11 (ages 13 to 17)

This class will not be offered during the 2023-24 academic year

Teacher: Rebecca Schmitz

Time: 8:30 - 9:30 AM on Mondays

4:00 - 5:00 PM on Wednesdays

Maximum Class Size: 24

Prerequisite: Students must take Algebra IA or a placement exam at the Co-op .

**This class will meet twice a week on Mondays and Wednesdays and include instructional videos.*

This class covers the second half of Algebra I and will meet on Mondays and Wednesdays. A student's foundational understanding of Algebra I is a prerequisite for success in Geometry and Algebra II. This class is designed for students who need more time to thoroughly understand the concepts. This is a great choice for homeschool co-ops since classes do not meet daily, therefore allowing for more teaching time. Students who may have started Algebra I at home but did not finish would also benefit from this class. Students will learn algebraic concepts through a variety of teaching strategies including manipulatives, examples, and problem sets.

Algebra IB Course Fees:

Tuition: \$50 per month (or \$200 for September through December and \$250 for January through May, or \$450 for the entire year)

Material Fee: \$50 includes all materials

● **Algebra II grades 10-12 (ages 15 and older)**

Teacher: Mark Brennan

Time: 1:30 - 2:45 PM Mondays
2:30 -3:55 PM on Wednesdays
On Thursdays (as a virtual class session)

Maximum Class Size: 20 (5 minimum)

Prerequisite: Algebra I

This class will meet two days per week in person (Monday and Wednesday), and one online session on Thursdays.

Students should expect to have 4-5 hours of homework per week.

Subjects covered include the following:

- Expressions and operations: add, subtract, multiply, divide and simplify rational and radical expressions, including exponents; factoring polynomials; and performing operations on complex numbers.
- Equations and inequalities: absolute value linear equations and inequalities, quadratic equations, equations containing rational and radical expressions; and systems of linear and quadratic equations.
- Functions: arithmetic and geometric sequences; absolute value, square root, cube root, rational, polynomial, exponential, and logarithmic function families.
- Probability and Statistics: probability of single and multiple events; frequency, probability and binomial distribution; standard deviation, normal distribution, sampling distribution and hypothesis testing.

Algebra II Course Fees:

Tuition: \$60 per month (or \$240 for September through December and \$300 for January through May, or \$540 for the year)

Materials Fee: \$20

Textbook: Abeka, Algebra II Student Text (2016 version)

● Geometry - grades 9-12 (ages 14 and older)

Teacher: Rebecca Schmitz

Time: 11:05 AM - 12:20 PM on Mondays
2:30 - 3:55 PM on Wednesdays

Maximum Class Size: 24

Prerequisite: Students must have successfully completed Algebra I.

**This class will meet twice a week on Mondays and Wednesdays and include instructional videos.*

In this class students will learn and practice logic and analytical skills through exercises in Geometry. Topics covered will include working with points, lines, planes, and other basic geometric figures; angles, arcs, and circles; right triangles, proofs, and reasoning. Concepts from this course show up on the ACT and the SAT. To ensure adequate teaching time to complete the entire geometry curriculum, this class will meet twice a week, Mondays and Wednesdays.

Geometry Course Fees:

Tuition: \$50 per month (or \$200 for September through December and \$250 for January through May, or \$450 for the year)

Materials Fee: \$50

● PreCalculus with Trigonometry - grades 11-12 (ages 15 and older)

Teacher: Rebecca Schmitz

Time: 1:30 - 2:45 PM Mondays
8:00 - 9:25** AM on Wednesdays

Maximum Class Size: 24

Prerequisites: Algebra II and Geometry

**This class will meet twice a week on Mondays and Wednesdays and include instructional videos.*

***Wednesday morning's class has an extended period blocked out for it, but it is structured so that new material will be covered from 8 to 8:55 am, and the last 30 minutes are dedicated to independent classwork time with Mrs. Schmitz. If your child would like to enroll in the 9 AM Creative Writing class, s/he will be able to attend it without conflict.*

This class includes algebra and trigonometry at a level which is designed to prepare students for the study of calculus. Calculus is the study of how things change over time; therefore, the goal of precalculus is to equip students to handle the rigorous and dynamic concepts by helping them to connect their previous learning from Algebra and Geometry. Students will learn through a variety of teaching strategies including manipulatives, examples, and problem sets.

Precalculus with Trigonometry Course Fees:

Tuition: \$50 per month (or \$200 for September through December and \$250 for January through May, or \$450 for the year)

Material Fee: \$35

Textbook: TBA

Language Arts Classes

●Elementary Writing - K-2nd grade (ages 5 to 8)

Teacher: Laura Mason

Time: 12:30 - 1:25 PM

Maximum Class Size: 6-14

In this class, we will learn writing basics through games, hands-on activities, books, and creative projects. Through hearing, copying, and talking about great writing, children will naturally start to understand how our language works. They will also be developing a love of playing with language and getting their thoughts on paper. Topics include observation, description, sentence and story structure, parts of speech, capitalization, punctuation, and improving word choice. We will cover different kinds of writing such as letters and storytelling. Throughout the year, we will practice handwriting in class by creating an “All About Me” notebook. We will also have seasonal poetry parties, where we read and talk about poetry while eating snacks. Since a child’s mind is far more developed than their handwriting at this stage, some of our projects will involve parents transcribing the child’s ideas; the child speaks while the adult writes. This allows the child to reach their potential in composition without the mechanics getting in the way. We will polish a few of our writing projects with editing, revising, and illustrating. Each child will also have the opportunity to create a journal with weekly or daily entries. This is a great way for children to become comfortable with writing freely without fear of criticism. One of the best parts about our class is that students have a writing community where they talk about what they are currently writing and share their finished projects.

At home, students should continue to work through a curriculum that covers handwriting and mechanics. I recommend the Simply Charlotte Mason materials (*Delightful Handwriting*; *A Child’s Copybook Reader* 1, 2, and 3; or *Print to Cursive Proverbs*, depending on your child’s ability level). They are a gentle introduction to handwriting, spelling, and grammar through copy work, and very easy to implement. Just put on a timer for 10 minutes per day for your child to copy quality writing and move through the books at your child’s pace. Homework will include occasional projects, workbook pages, and journaling, but I like to keep things simple for busy parents.

Elementary Writing Course Fees:

Tuition: \$25/month (or \$100 for September through December and \$125 for January through May, or \$225 for the year)

Materials Fee: \$30

●Elementary English Language Arts (ELA) - grades 1-3 (ages 6 to 9)

Teacher: Courtney Shareck

Time: 8:00 - 8:55 AM

Maximum Class Size: 15

Prerequisite: Students need to be able to use a pencil, identify letters, and the sound of the 26 letters.

This class will require time outside of class time to complete ELA work. Please anticipate 2-3 hours a week outside of class time. All outside work is at the parents' discretion.

In this class, we will cover a whole year worth of ELA concepts geared for 1st - 3rd graders. We will primarily be using the Rooted in Reading curriculum, which I have used successfully in first grade classrooms. Every week we will study a different book. Parents will be given a guide to facilitate their child's learning on days that they are not with the teacher.

Concepts covered include the following:

- **Reading-** book basics, predictions, character, setting, how settings can change, retell story, describing characters, ask and answer questions, connections, retell key ideas, ask and answer questions, rhyme/rhythm/repetition, connections between individual and ideas, text to world connections, lesson, generating questions, sequencing, mental images, analyze illustrations and use to describe the story, information in pictures vs. information in texts, establish purpose for reading, characteristics of a genre, words or phrases that indicate feeling, main topic and details, author's purpose, inference and evidence, point of view, describe key ideas, central message, folk tales, nursery rhyme text structure, fairy tales, compare and contrast, central idea and evidence, persuasive text analysis, clarify word meaning, synthesizing information, and purpose for reading
- **Grammar-** intro to letters, intro to words, capitalize the first letter of a sentence, punctuation (periods, question marks, exclamation marks), nouns, singular nouns in sentences, verbs, onomatopoeia, adjectives, ABC order, common and proper nouns, adjectives, prepositions, plural nouns, suffix s/es/ing/ed, pronouns, verb tenses, shades of meaning adjectives, text features, articles, capitalization and commas in dates, adverbs of time, conjunctions, commas in series, compound words, rhyming words, compound sentences, contractions, possessive nouns, multiple meaning words
- **Phonics-** consonant sounds, word families, blends, digraphs, vowel teams * not all*

Elementary ELA Course Fees:

Tuition: \$30 per month (or \$120 for September through December and \$150 for January through May, or \$270 for the year)

Materials Fee: \$25

●Learning Language Arts Through Literature - grades 3-5 (age 9-11)

Teacher: Karen Miller

Time: 1:30 - 2:25 PM

Maximum Class Size: 16

Prerequisite: Students need to be able to use a pencil, identify letters, and have basic grammar (lower elementary) skills such as punctuation and sentence structure. Students should be able to read independently or have time at home to read aloud with a parent/sibling - We will read and do book studies on 4 different literature pieces throughout the year.

Outside of class time: Reading (about 20 minutes per day is recommended) and some homework assignments will be required each week for class review. Please anticipate about

30-45 minutes per week of at home written work (each lesson has review activities to expound on what we cover in class together). All outside work is at the parents' discretion. Homework completed and enrichment activities will be logged for points and monthly prize box days!

In this class, we will cover a whole year worth of ELA concepts geared for upper elementary - 3rd - 5th graders. We will be using the *Learning Language Arts through Literature* curriculum, which I have used in my own home. There are 36 weekly lessons. Four units throughout the year will be a book study. Parents will be given a syllabus and each student will need to have the student activity book (**3rd edition**) before the start of the course (average cost \$25) and the 4 books that we will be studying; these can most likely be found at a local library or through a discount book store such as eBay.

Scope & Sequence:

Spelling - adding suffixes to words ending in: silent e,y,ch,sh,s,z,x - copy words - how to study words - spelling tips: ch,dge,ear,er,ie,ir,ou,ow,sh, tch,ur - words ending with: ss,ff,zz - vowel rules.

Reading - a Book Study Unit on: Boxcar Children, Wright Brothers, The Tale of Anabelle Hedgehog or Ben and Me: An Astonishing Life of Benjamin Franklin By His Good Mouse Amos, & The Sign of the Beaver - antonyms autobiography - biography - cause and effect - character sketch - comprehension - discussion of content - homonyms - parts of a story - poetry - recalling detail - silent / oral reading - similes - syllables - synonyms - vocabulary.

Grammar - abbreviations - action verbs - adjectives - adjectives in comparison - adverbs - antecedents - antonyms - apostrophes - articles - base or root words - capitalization - commas - common nouns - complete sentences - complete subjects - compound sentences - compound subjects - compound verbs - conjunctions - contraction - dates - exclamation marks - fragment - helping verbs - homonyms - initials - interjections - irregular verbs - nouns - periods - plural nouns - plural possessive nouns - predicate - preposition - prepositional phrase - pronouns - proper nouns - question marks - quotations - simple subjects - singular nouns - singular possessive nouns - suffixes - title of a book - verbs - verb phrases - verb tenses.

Composition - advertisements - bibliography - book making - business letter - character sketch - copying literature - descriptive writing - dialogue - editing - envelopes - first person - friendly letter - indentation - journals - list writing - map making - newsletter - note taking - paragraph - poetry - report writing - sentences - sentence types - story writing - summary - writing an ad - writing directions - writing from dictation.

Research and Study Skills - advertisements - alphabetical order - atlas - decision making - dictionary - encyclopedia - following directions - guide words - interview - library - map study - newspaper - note-taking - parts of a book - poetry memorization - research skills - table of contents - thesaurus.

Higher Order Thinking Skills - compare and contrast - decision making - fact and opinion - following directions - sequencing events - decision making - memorization - creative expression - book making - illustrating poetry - recitation - rhyme - rhythm - story writing - writing an ad - writing poetry— concrete, couplet, haiku, limerick, prose.

Penmanship - copying passages - writing final drafts.

*With 4 book studies throughout the year. We will use the book studies to build on writing skills and recognizing grammar in literature.

Learning Language Through Literature Course Fees:

Tuition: \$25 per month (or \$100 for September through December and \$125 for January through May, or \$225 for the year)

Materials Fee: \$30 per year plus textbook purchase

● Literature - grades 6-8 (age 11 to 14)

Teacher: Dana Catlett

Time: 12:30 - 1:25 PM (as of 6/30/23 this section is at capacity)

Maximum Class Size: 10

We learn the most from books when we read them closely, thinking about what the book says and about the ideas being conveyed, and working out our own thoughts in response to those ideas. To that end, we'll "close read" some classic works, conversing with the book and with each other and responding to the book in writing. Writing assignments will be a combination of journaling, short answer responses to specific questions, and longer responses in essay form as we complete each book. We will read one book per month, and we will look at some poems and short stories if time permits.

Possible books (note that this is a partial list; more books will be added soon):

Rascal

The Magician's Nephew

Tom Sawyer

A Long Way From Chicago

Miracle of Maple Hill

Literature Course Fees:

Tuition: \$30 per month (or \$120 for September through December and \$150 for January through May, or \$270 for the year)

Materials Fee: Students will be expected to provide their own copies of the books we will read.

● Creative Writing - grades 8-12 (ages 13 and older)

Teacher: Stefanie Melton

Time: 9:00 - 9:55 AM

Maximum Class Size: No limit

In Creative Writing students will learn how to write and critique original works of poetry, short fictional stories, creative nonfiction and biographies (* 11th and 12th graders will also learn how to write up a job resume*). Students will learn the characteristics of good writing and enhance their grammatical and vocabulary skills while broadening their writing abilities. Please email me at bestillbeforegod@gmail.com with any questions.

Creative Writing Course Fees:

Tuition: \$20/month (or \$80 for September through December and \$100 for January through May)

Materials: \$15

● **Literary Analysis and Composition - grades 9-12 (ages 14 and older)**

Teacher: Jenifer Flathers

Time: 8:00 - 9:25 AM

Maximum Class Size: 18 (5 minimum)

Prerequisite: Students should have the ability to write a simple paragraph. Essays will be typed.

Literature has the ability to powerfully influence us for good or for ill. This course will teach students how to annotate, analyze, appreciate, and write about the literature they read. It will also help students observe an author's worldview and respond to it based on their own worldview. We will learn about the literary devices and techniques used by excellent writers, and develop, through step-by-step training, the ability to write a precise thesis and supporting literary analysis essay. We will practice these skills using a sampling of American literature, including 3 books, several short stories, the Bible, poetry, and fables. We will discuss the readings in class, and the written assignments will include short answer worksheets, outlines, quizzes, & paragraph writing, as well as short essays as we complete each book.

Homework: Independent reading and writing will require approximately 1 hour per day throughout the week.

The main text used is: IEW's Windows to the World - Student Workbook. The books we will be reading are:

To Kill a Mockingbird,

The Hiding Place, and

Wherever the River Runs.

(These titles will be purchased by Mrs. Flathers so that everyone uses the same edition. Parents need only to order the student workbook.)

Credits Earned: 1 English Credit (approximately 160 hours of study for 34 weeks)

Literary Analysis and Composition Course Fees:

Tuition: \$30/month (or \$120 for September through December and \$150 for January through May, or \$270 for the year)

Materials Fee: \$35 (This covers the cost of the 3 extra books)

Science Classes

● Explore Creation Science - grades 3-6 (ages 8 to 12)

We are offering two sections of this class!

Teacher: Adrienne Vanderveer

Time: 8:00 - 8:55 AM OR
9:00 - 9:55 AM

Maximum Class Size: 16

Note: This class is on a 4-year cycle with new topics and activities each year. This year's class is Year 2.

From penguins to planets, condors to comets and feathers to flights to the moon, young scientists will explore and deepen their knowledge of the world around them. Through guided experimentation, thought-provoking discussion, teacher-led demonstrations, guest speakers and skill-building activities, they will begin to familiarize themselves with age-appropriate scientific method and the spectacular designs of Creation. With the intention of a 4-yr. cycle for this class, students will be learning from two colorful and engaging texts: Apologia Exploring Creation w/Zoology 1: Flying Creatures of the Fifth Day by Jeannie Fulbright (1st semester) and Apologia Exploring Creation w/Astronomy (**2nd edition**) by Jeannie Fulbright (2nd semester). Both hardcover books can be purchased in either new or used condition. Your young scientists will be expected to read (or be read to) weekly assigned portions from the text and to complete the corresponding question and answer hand-outs and activities, provided by the teacher, prior to the next week's class (avg. 1½- 2 hours/week). These questions and hand-out activities are designed in a variety of engaging formats that reinforce the reading material. Additional work will include a once/semester report or project. Enrichment such as related video links, a complementary book list and associated field trips will be organized by the teacher. Aside from the text books, all other supplies are provided in class.

Explore Creation Science Course Fees:

Tuition: \$30/month (or \$120 for September through December and \$150 for January through May, or \$270 for the year)

Materials Fee: \$60

● Experience Creation Science - Year 1 - grades 6-8 (ages 11 to 14)

Teacher: Adrienne Vanderveer

Time: 3:30 - 4:25 PM

Maximum Class Size: 16

Note: This class is on a 3-year cycle with new topics and activities each year.

Acting as a stepping stone from elementary to high school sciences, this middle school course encourages your scientists to immerse more deeply into the natural world around them, to practice their skills of observation, to become confident in their use of scientific method: observe, record, discuss and draw conclusions, to perform their own experiments within a supervised classroom setting and to sharpen their use of critical thinking and logic skills to understand for themselves the wonder of Creation. **“They know the truth about God because he has made it obvious to them. For ever since the world was created, people have seen the earth and sky. Through everything God made, they can clearly see his invisible qualities—his eternal power and divine nature.” Romans 1:19-20, NLT**

****Homework** will include reading, question and answer, various worksheets, videos and keeping a written, audible or illustrated (or a combination) science journal based on the learning style of your scientist. A weekly syllabus will be provided by the teacher. *Optional* quizzes & tests will also be offered with answer keys attached in the weekly email updates. (3-4 hours/week).

Students will be responsible for choosing their own special science journal and bringing it to class on specified dates. Parents will be responsible for purchasing our text: TBD by June 1 (the text for one year will cover a variety of topics commonly found in a “life” or “Earth” science curricula, while the other two years will delve more deeply into a single, or 2-3 topics such as geology, botany, anatomy/physiology or engineering through mimicry).

Supplies: 2-inch, 3-ring binder with 5 pocket dividers and college-rule, loose-leaf notebook paper

Materials fee covers all other class supplies, photocopies and items for class activities and experiments.

Experience Science Course fees:

Tuition: \$30/month (or \$120 for September through December and \$150 for January through May, or \$270 for the year)

Materials Fee: \$60

History Classes

● Modern U.S. and World History - Year 4 - grades 3-6 (ages 8 to 12)

Teacher: Adrienne Vanderveer

Time: 12:30 - 1:25 PM

Maximum Class Size: 24

***This course covers the time period immediately following *Early Modern U.S. and World History* – Year 4**

“Once upon a time...” and “long, long ago...” is not merely the stuff of fairy tales and fables. Utilizing *Remember the Days Book 4: Modern Days* text and *Timeline* from BiblioPlan, various enrichment activities, lively discussion, and art projects based on this era, young historians will cover U.S. and world history from the Victorian Era and the Underground Railroad to the unforgettable events of 9/11/2001. They will have fun, BUT they will be encouraged to see the value of understanding past events, to draw courage and wisdom from the inspirational figures in this era, recognize the losses that occur when leadership is unjust (there have always been good guys and bad guys) and be amazed by the inventions and technology that rapidly changed life during this period. They will be challenged to observe these events and outcomes through the lens of a Biblical worldview.

**Homework will include reading one chapter (or being read to) per week in the text (purchased separately at special discount) plus age-appropriate question and answer in a supplement included with materials fee—2-3 hours/week). The BP Timeline (to be used in class) will also be included in the materials fee.

Supplies: A 1 ½ - 2 in. binder for timeline and presidential pop art papers

Modern U.S. and World History Course Fees

Tuition: \$25/month (or \$100 for September through December and \$125 for January through May, or \$225 for the year)

Materials Fee: \$60

● Modern U.S. and World History - Year 4 - grades 6-8 (ages 11 to 14)

Teacher: Adrienne Vanderveer

Time: 2:30 - 3:25 PM

Maximum Class Size: 24

***This course covers the time period immediately following *Early Modern U.S. and World History* – Year 4**

“History is just a bunch of boring dead people!” If you can relate your history experience to that sentiment, you are not alone. Utilizing *Remember the Days Book 4: Modern Days* text and *Timeline* from BiblioPlan, various enrichment activities, lively discussion, and art projects this based on this era, middle school historians will cover U.S. and world history from the Victorian Era and the Underground Railroad to the unforgettable events of 9/11/2001. They will have fun, BUT they will be encouraged to see the value of understanding past events, to draw courage and wisdom from the inspirational figures in this era, to recognize the losses that occur when leadership is unjust (good versus evil is a theme on Earth, not just in Star Wars) and be amazed by the inventions and technology that rapidly changed life during this period. They will be challenged to observe these events and outcomes through the lens of a Biblical worldview.

****Homework** will include reading one chapter (or being read to) per week in the text (purchased separately at a special discount) plus age-appropriate question and answer and text-focused maps in 2 supplements included with materials fee—2-3 hours/week).

Modern U.S. and World History Course Fees:

Tuition: \$30/month (or \$120 for September through December and \$150 for January through May, or \$270 for the year)

Materials Fee: \$60

● Medieval World and Church History - Year 2 - grades 6-8 (ages 11 to 14)

Teacher: Adrienne Vanderveer

Time: 1:30 - 2:25 PM

Maximum Class Size: 24

“History is just a bunch of boring dead people!” If you can relate your history experience to that sentiment, you are not alone. Utilizing *Remember the Days Book 2: Medieval Days* text and *Timeline* from BiblioPlan, various enrichment activities, lively discussion, and art projects this based on this era, middle school historians will cover World History from the Fall of Rome to the Renaissance and Church History from the early church and Christian martyrs, famous men and women of faith, the rise of the major world religions, the Great Schism and the Protestant Reformation. They will have fun, BUT they will be encouraged to see the value of understanding past events, to draw courage and wisdom from the inspirational figures of this era, to recognize the losses that occur when leadership is unjust (good versus evil is a theme on Earth, not just in Star Wars) and be amazed by the stark contrast between the Dark Ages, when the light of learning went out, to the Renaissance, when the rebirth of learning gave way to beauty, ingenuity and scientific advances. They will be challenged to observe these events and outcomes through the lens of a Biblical worldview.

****Homework** will include reading one chapter (or being read to) per week in the text (purchased separately at special discount) plus age-appropriate question and answer in a supplement included with materials fee—2-3 hours/week). The BP Timeline (to be used in class) will also be included in the materials fee.

Supplies: A 1 ½ - 2 in. binder for timeline and famous men and women of faith hand-outs

Medieval U.S. and World History Course Fees:

Tuition: \$30/month (or \$120 for September through December and \$150 for January through May, or \$270 for the year)

Materials Fee: \$60

● **World Geography - grades 9-12 (ages 14 and older)**

Teacher: Dave Blaha

Time: 12:30 - 1:25 PM

Maximum Class Size: 12

Prerequisite: Previous high school course in World History and solid working knowledge of general world locations

With the immense amount of information available at our fingertips, the world can seem confusing and disorganized. The value of this course is that it will give students a broad perspective of the world and its patterns, enabling them to make sense of what they see and hear around them as they live out their lives.

I developed and taught the AP Human Geography course at Fluvanna County High School in 2013, so this class is a higher-level high school course in World Geography, incorporating AP level content. Included in this course will be the following content:

- * Population studies including demography, demographic transition, human migration patterns, and population growth/decline theories
- * Different types of maps and classifications of regions
- * Cultural Diffusion
- * Political patterns, including nations and nation-states, boundary disputes, and unitary vs. federal states
- * Land use patterns, including agriculture, industry, and urbanization
- * Economic patterns, including globalization and trade

World Geography Course Fees:

Tuition: \$20/month* (or \$80 for September through December and \$100 for January through May)*

***Please make your payment to CCF**

Bible Study Classes

● Upper Elementary Bible Study - grades 4 to 6 (ages 9-11)

Teacher: Jeni Flathers

Time: 11:00 - 11:55 AM

Class Size: minimum: 5 - maximum: 12

In this Bible study, designed for upper elementary ages, we will survey the Bible using a resource from Max Lucado, called “Unshakable Hope: God Always Keeps His Promises.” As we discover some of the great and precious promises of God we will see that He is a promise-maker and a promise-keeper and we will learn how to apply these promises to our own lives! Our class will enjoy hands-on activities, songs, and games, and Bible memorization will be encouraged.

Upper Elementary Bible Study Course Fees:

Tuition: \$15 per month (or \$60 for September through December and \$80 for January through May, or \$140 for the year)

Materials Fee: \$15-includes book

● Bible and Memory - grades 8-12 (ages 13 and older)

Teacher: Margaret Estes

Time: 1:30 - 2:25 PM

Maximum Class Size: 4 minimum

Prepare to memorize, study and discuss the book of James or Ephesians in a fun and interactive manner! Store up God's Word in your heart so you are ready to stand firm in the faith in these last days. We will be using Kay Arthur's Precept study book (for example: <https://www.christianbook.com/gods-love-alive-in-you/kay-arthur/9780736912709/pd/912703?event=ESRCG>)

Together we will work on memorizing as much of James or Ephesians as possible using chants, rhythms and tunes. Students who are enrolled will be polled prior to the first day of co-op in September to make a final decision on which book we will be using this year.

Bible and Memory Course Fees:

Tuition: \$10/month (or \$40 for September through December and \$50 for January through May, or \$90 for the year)

Materials Fee: \$10

Art Classes

●Great Little Words of Art - Year 2 - K through 2nd grade (ages 5 to 8)

Teacher: Adrienne Vanderveer

Time: 10:00 - 10:55 AM

Maximum Class Size: 16

Note: This class is on a 3-yr. rotation with new literature and art projects each year.

Connecting art with quality literature is a wonderful way to introduce young artists to the wonders of creativity and the inspiration of well-written words. During each class, we will share a children's book which will promote focus on the story itself, but also on the styles, media and artistic principles utilized by the illustrator. We will make connections with other artists, both past and present, and we will learn about the basic artistic elements of line, color, shape, texture, value, form and space. Finally, we will roll up our sleeves to engage in various kinds of two and three-dimensional projects, utilizing a variety of fun materials to deepen the connections between well-written words and creative self-expression. We will get messy!

Great Little Words of Art Course Fees:

Tuition: \$25/month (or \$100 for September through December and \$125 for January through May, or \$225 for the year)

Materials Fee: \$50

●Great Words of Art - Year 2 - grades 3-5 (ages 8 to 11)

Teacher: Adrienne Vanderveer

Time: 11:00 - 11:55 AM

Maximum Class Size: 24

Note: This class is on a 3-yr. rotation with new literature and art projects each year.

Connecting art with quality literature is a wonderful way to introduce young artists to the wonders of creativity and the inspiration of well-written words. During each class, we will share a children's book which will promote focus on the story itself, but also on the styles, media and artistic principles utilized by the illustrator. We will make connections with other artists, both past and present, and we will learn about the basic artistic elements of line, color, shape, texture, value, form and space. Finally, we will roll up our sleeves to engage in various kinds of two and three-dimensional projects, utilizing a variety of fun materials to deepen the connections between well-written words and creative self-expression. We will get messy!

Great Words of Art Course Fees:

Tuition: \$30/month (or \$120 for September through December and \$150 for January through May, or \$270 for the year)

Materials Fee: \$60

● Exploring the Bible Through Art - grades 6-8 (ages 11 to 14)

Teacher: Madeline Vollmer

Time: 10:00 - 10:55 AM

Maximum Class Size: 20

Students will explore arts and crafts through project-based activities, such as drawing, painting, and mixed media. The inspiration for the course content will come from the Bible, starting in Genesis and ending in Revelation.

Exploring the Bible Through Art Course Fees:

Tuition: \$25/month (or \$100 for September through December and \$125 for January through May, or \$225 for the year)

Materials Fee: \$30

● Advanced Drawing - grades 9-12 (ages 14 and older)

Teacher: Madeline Vollmer

Time: 12:30 - 1:25 PM

Maximum Class Size: 20

Students will learn the fundamentals of 2D design, learn new drawing techniques, and strengthen their drawing skills using various materials and processes.

Advanced Drawing Course Fees:

Tuition: \$25/month (or \$100 for September through December and \$125 for January through May, or \$225 for the year)

Materials fee: \$20

Music Classes

● Exploring Music - grades 6-12 (ages 12 and older)

Teacher: Rebecca Schmitz

Time: 1:30 - 2:25 PM

Maximum Class Size: 30

Exploring Music - This class explores music history and theory concepts. Through reading, listening to music, and playing games, students will learn about the lives of composers and their music, as well as musical time periods, different instruments, and music theory concepts. All students, regardless of musical background, are welcome.

Exploring Music Course Fees:

Tuition: \$25/month (or \$100 for September through December and \$125 for January through May, or \$225 for the year)

Materials Fee: \$35

Theater Classes

● Theater 101 - grades 1-5 (ages 6 to 11)

Teacher: Caroline and Diane Anderson

Time: 12:30 - 1:25 PM

Maximum Class Size: 25

This class will play Improv games weekly to get the kids out of their head and open to receive whatever comes their way. The class will build upon skills weekly to put on a show at the end of the semester. The Elementary Show will perform scenes from multiple poems from 'Where the Sidewalk Ends' by Shel Silverstein. Elementary Group will work on character development, memorization, delivery, timing and projection. Each class will build muscle memory using movement and patterns to help with memorization of what to say and where to stand. Using games and fun techniques to help each child come out of their shell and be comfortable with each other.

Theater 101 Course Fees:

Tuition: \$30 per month (or \$120 for September through December and \$150 for January through May, or \$270 for the year)

● Theater 201 - grades 6-12 (ages 12 and older)

Teacher: Caroline and Diane Anderson

Time: 11:00 - 11:55 AM

Maximum Class Size: 25

This class will play Improv games weekly to get the kids out of their head and open to receive whatever comes their way. The class will build upon skills weekly to put on a show at the end of the semester. Students will perform 3 1 Act Plays - 1 comedy 1 drama and 1 class written 1 act as well as performing improv games in between the 1 acts. Students will also work on character development, memorization, delivery, timing, projection, improvisation, comedic timing, playwriting and script development. Each week will lean on students' creativity to develop a story based around characters they want to play. If they want to build on talent they already have or work hard on developing a character they've never gotten to try before, they will have that opportunity in a collaborative effort to write their own original 1 Act Play.

Theater 201 Course Fees:

Tuition: \$40 per month (or \$160 for September through December and \$200 for January through May, or \$360 for the year)

Physical Education Classes

●Physical Education (all ages as noted below)

Teacher: Nicole Haseltine

Times and ages:

9:00 - 9:55 AM (Grades 1-3)

10:00 - 10:55 AM (Grades 3-5)

2:30 - 3:25 PM (Grades 9-12)

1:30 - 2:25 PM (Grades 6-8)

Maximum Class Size: 25

Students will engage in age-appropriate physical activities including, but not limited to, various active field games, running, hiking, basketball, pickleball, badminton, kickball, etc. Teachers will provide basic instruction in these sports as necessary. These courses will be outside as often as weather permits.

Physical Education Course Fees:

Tuition: \$25/month (or \$100 for September through December and \$125 for January through May, or \$225 for the year)

●Athletic Conditioning

Teacher: Matt Basinger

Time: 8:00 - 8:55 AM (grades 6-8; ages 11 to 14)

Maximum Class Size: 15 (minimum of 5)

In this class, we will focus on strength training, endurance, agility, and mobility. Strength training will be for injury prevention. Endurance training will teach athletes how to increase their cardiovascular output improving their lungs, circulatory, and overall fitness health. The result will be more oxygen delivered to the muscles and more stamina during physical exertion. Agility training will focus on the movements specific to sports. Lateral, reverse, and shuffle are all common movements in most sports. These are not movements we use very often in our day-to-day lives, which means the muscles required for these movements are often underdeveloped, which increases our risk of injuries. We will not only build strength in these muscles but develop muscle memory as well. Students will learn the importance of mobility, not only as warm-ups and cool-downs but as an independent program.

Equipment will be provided

Athletic Conditioning Course Fees:

Tuition: \$25/month (or \$100 for September through December and \$125 for January through May, or \$225 for the year). Please make checks payable to CCF.

●Volleyball Skills & Drills - Open to girls only
Grades 6-12 (ages 11 - 19)

Teacher: Liana Haseltine

Time: 4:00 - 5:00 PM

This class will engage students in a variety of activities aimed at increasing proficiency in the game of volleyball. We will practice footwork and ball handling skills and drills, talk about basic strategies and positions, and focus on strength and conditioning exercises. We will also incorporate lessons on teamwork, interpersonal skills, and the importance of spiritual applications within the world of team sports. We will be outside as often as weather permits. Please note, this class is NOT a prerequisite for participation on the CCF volleyball team, nor is it limited to members of the team; ALL girls ages 11-19 (grades 6-12) are welcome.

Volleyball Skills & Drills Course Fees:

Tuition: \$25/month (or \$100 for September through December and \$125 for January through May, or \$225 for the year)

Materials Fee: \$25

Other Electives

●Knit/Sew/Crochet - grades 5 - 12 (ages 10 and older)

Teacher: Jane Hermann

Time: 10:00 - 10:55 AM

Maximum Class Size: 10 (4 minimum)

Students will learn how to do basic crochet and knitting stitches with the outcome of at least one complete project. Sewing classes will introduce cross stitching with the same goal of at least one completed project.

Knit/Sew/Crochet Course Fees:

Tuition: \$30/month (or \$120 for September through December and \$150 for January through May, or \$270 for the year)

Materials Fee: \$40

●Culinary- grades 7-12 (ages 13 and older)

Teacher: Stefanie Melton

Time: 11:00 - 11:55 AM

Maximum Class Size: 10

Culinary students will learn the basics of cooking and baking. There are monthly themes such as “Breakfast, Italian, Mexican and Desserts,” just to name a few. Students must be able to use a knife, peeler, and safely work with hot pans, boiling water and a variety of kitchen appliances. The goal of culinary class is for the students to learn how to make a variety of dishes as well as try new foods. Due to space limitations there are only 10 slots available. New students are given priority as there was a waitlist last year, and we want as many students as possible to be able to take this class! If there is space left at the end of registration and a prior student wishes to take the class again, or if you have any questions in general, please email me at bestillbeforegod@gmail.com.

Culinary Course Fees:

Tuition: \$30/month (or \$120 for September through December and \$150 for January through May, or \$270 for the year)

Materials Fee: \$40

●High School Yearbook Club - grades 9-12 (ages 14 and older)

Teacher: Karen Miller

Time: 3:30 - 4:25 PM

Maximum Class Size: None

Prerequisites: Organizational skills, teamwork, detail-oriented, creativity, photography and videography skills a plus. A computer or laptop is helpful to access the Yearbook Hub for page building.

Outside Class Time: Some weekly yearbook page building necessary

Course Overview:

All activities involved in the yearbook club will focus on the construction of the yearbook. This club will be student led, facilitated by a yearbook club director. Students will take pictures, draw layouts, crop photographs, write and type copies, possibly selling advertisements, and

taking orders and distributing yearbooks at the end of the year. The yearbook will be created with a Christ-centered theme and focus on highlighting classes, sports groups, events, friendships, teachers, staff, and students throughout the 2023-2024 school year at CCHC. A video yearbook may also be created as part of this course for sharing on social media and within the church.

High School Yearbook Club Course Fees:

Tuition: \$10 per month (Or \$40 for September through December and \$50 for January through May, or \$90 for the year)

Material fees: None

●CompTIA Information Technology Fundamentals (ages 14 and older)

Teacher: Michael Dech

Time: 4:00 - 5:00 PM

Maximum Class Size: 10

Students will participate in a comprehensive review of the CompTIA pre-professional certification course Information Technology Fundamentals (ITF+). The course will discuss options for pursuing a career in IT and expose students to key terms, concepts and technologies they will need to know. Topics covered include the basics of: computer systems, IT infrastructure, software development, databases, networks and basic computer security. There will be lots of hands on with computer hardware and software. Access to a computer will be needed to complete some homework assignments. There are a couple of computers available for signout. Taking the certification exam is not required but will be discussed if students are interested and want to attempt it. This course should be taken as a prerequisite to more in-depth IT courses that could be offered at a later time.

CompTIA Information Technology Fundamentals Course Fees:

Tuition: \$25/month (or \$100 for September through December and \$125 for January through May, or \$225 for the year)

Materials Fee: \$30

●Technical Drawing/Drafting I, II, and Digital Electronics - grades 9-12 (ages 14 and older)

Teacher: John Cooper

Time: 2:30 - 3:25 PM

Maximum Class Size: 10

This three-part course will follow seamlessly from one part into the other through the academic year.

Mechanical drawing is used by the technical world to precisely describe objects, space, and land. Drawings of engineers and architects need to be made accurately so that they can be used to construct buildings and machinery exactly as the designer has planned. Drawings can be created either on a drawing medium, like paper or using a computer based program. Traditional drafting was prepared using a flat board, t-square, rulers, pencil and triangles. Most modern companies use computers to generate the pictures precisely. Computer drawings are used to create 3-D printings of designed objects. This mini-course will expose the student to both traditional drafting and modern computer aided drafting for describing the shape of objects.

Outline for Technical Drawing I:

1. Introduction to the use of drafting tools (tools provided)
2. Drawing 2-D pictures using metric rules.
3. Describing 3-D objects precisely on a 2-D surface (paper) - Orthographic Projection
4. Layout of Orthographic pictures using traditional drafting tools
5. Introduction to Computer Aided Drafting (students provide laptop - free software is downloaded from internet)
6. Preparing a orthographic projections using Computer Aided Drafting
7. Continue with practice of CAD
8. Demonstration of 3-D printing

Outline for Technical Drawing II:

This is a sequel to Technical Drawing/Drafting I. All drawings will be drawn using LibreCAD on the student's personal computers.

1. Review the preparation of Orthographic drawings of objects, using line tools, snap points, layers.
2. Introduction to additional instructions, like circles, fillets, rounds, parallel, trim, move, extend, polyline, and hatch.
3. Preparation of cabinet and isometric drawings of objects.
4. Draft a pictorial drawing from an orthographic drawing.

Digital Electronics

Digital electronics is the basis of most of the modern computer driven world. The basic components of cell phones, televisions, calculators, computers, automobiles, satellites, airplanes, and robots. The class will explore the use of a simple two digit number system that is the foundation of the digital world. The students will build and test electrical circuits that count, make basic decisions based upon specific inputs, and how digital information is stored.

This is a hands-on course using simulation software to build and test digital circuits. Demonstration of wiring and testing real hardware circuits will be provided.

The basic outline of the course:

1. Binary numbers and simple true tables.
2. Basic logic gates
3. Counting circuits and simple numerical displays.
4. Clocking circuits with multivibrators
5. Control circuits
6. Karnaugh maps for simplifying digital circuits

Technical Drawing I, II, and Digital Electronics Course Fees:

Tuition: \$5/month (or \$20 for September through December and \$25 for January through May, or \$45 for the year)

Required student supplies:

a couple of No. 2 or 2H pencil or a mechanical 0.5 mm lead, pink or an art gum eraser, a laptop computer (note: if you need to borrow a laptop computer, please reach out to me at jecooper13164@aol.com).

●Debate - grades 8-12 (ages 13 and older)

Teacher: Mark Brennan

Time: 12:30 - 1:20 PM on Mondays

1:30 - 2:25 PM on Wednesdays

Maximum Class Size: 15 (minimum of 5)

This class will meet two days per week in person from September through December (Monday and Wednesday), and once per week from January through May (Wednesday).

This class will introduce students to the fundamentals of debate, and then will transition to actual debate preparation and debate. The rigors of preparing a debate case and actual debate competition will sharpen the critical thinking skills of students.

The debate format for this class will be Lincoln-Douglas values debate. In this type of debate one debater affirms the resolution (debate topic) while another one opposes or negates it, demonstrating a clash of competing desirable values. During the first part of the school year, students will build and practice their debate cases for the given debate resolution. The proposed resolution is: ***The individual right to property ought to be valued above the economic interest of the community.*** The culmination of the fall semester will be an internal debate competition, with outside judges to judge the competitors. Each student will be required to compete against other students in the class.

For the later part of the school year, the class will transition to a debate club, with students competing in debate competitions in the Atlantic Region of Virginia, North Carolina and Maryland. The teacher will serve as a debate coach.

Debate Course Fees:

Tuition: \$40/month through December; \$25/month from January through May

Materials Fee: \$20

●Teacher Cadet Program - grades 8-12 (ages 13+)

Teacher: Darlene Parks Colón

Time: Note that this program is open to one student per allotted 55-minute time frame. Please choose ONE from the following time slots when registering:

Mondays: 8:00 - 8:55 AM, 9:00 - 9:55 AM, 10:00 - 10:55 AM
1:00 - 1:55 PM, or 2:00 - 2:55 PM

Wednesdays: 8:00 - 8:55 AM, 9:00 - 9:55 AM, 10:00 - 10:55 AM
12:30 - 1:25 PM, or 1:30 - 2:25 PM

This *observation/some participation* class is for those students that have a desire to explore the field of Christian elementary education. This class will give your student an opportunity to attend my kindergarten classroom and observe and interact with the students. The Teacher Cadet will choose a time slot to observe my kindergarten classroom. He/she will learn about classroom management, teaching techniques, teaching with a Christian perspective, and much more. The Teacher Cadet will have an opportunity to read aloud to the class and potentially teach a small segment of time while they are there (occasionally). Each day, the Teacher Cadet will take notes about what they have observed, how they participated, and what they have learned and will leave it with me for review. These notes will be placed in their notebook for future review.

Teacher Cadet Program Fees:

Tuition: \$20/month (or \$80 for September to December and \$100 for January through May, or \$180 for the year) **

****Please note that tuition payments for this program are going straight back to the Kindergarten and First Grade class to help purchase supplies throughout the academic year.**

Materials: Students will need a *soft* loose-leaf binder and a pen.

Exploratory Wheel

Due to low enrollment, the Exploratory Wheel will NOT be offered this academic year, but it will be offered next academic year. We apologize for any inconvenience this may cause.

The Exploratory Wheel will meet from 3:30 to 4:25 PM each week and will comprise several “mini” classes through the academic year. Some of these classes will run for a handful of sessions while others might take closer to a quarter of the academic year. The following offerings will be offered this coming academic year. If your child signs up for Exploratory but does not wish to participate in every single exploratory class, he or she is welcome to attend Study Hall while a class is in rotation that s/he wants to skip. S/he can then jump right back into the following exploratory when it commences. **The Exploratory Wheel classes are designed for students in grades 7 through 12.**

●Exploratory: Conflict Resolution

Teachers: Steve Feden

Time: 3:30 - 4:25 PM

Dates of Course: September 6-October 25, 2023 (8 sessions)

Using the student edition of Ken Sande's popular book, "The Peacemaker", our class will explore the area of conflict resolution. Discussion, role playing, and plenty of interaction, should make this class both enjoyable and practical. Since conflict is inevitable in relationships throughout life, possessing superior skills to resolve conflict can reap great rewards. Students should finish the class with some basic skills and understanding of a Biblical approach to pursuing peace in relationships.

Conflict Resolution Fees:

Tuition: \$30 (made payable to CCF)

Materials Fee: \$13 for the book “The Peacemaker”, student edition (CCF will order this for you; please make your payment payable to “CCF”).

●Exploratory: Foundations in Personal Finance

Teachers: Sandy Chenail and Heather Saylor

Time: 3:30 - 4:25 PM

Dates of Course: November 1, 2023 - February 21, 2024 (13 sessions)

In this course we will explore personal finance and why it is so important to understand. Topics include budgeting, saving, credit and debt, insurance, taxes, real estate, investing and more! We will look at money from a biblical perspective and discuss being good stewards. We will be using parts of Dave Ramsey's Foundations in Personal Finance curriculum.

Foundations in Personal Finance Fees:

Tuition: \$60 (made payable to CCF)

Materials fee: \$25 (made payable to CCF)

●Exploratory: Basic Home Maintenance

Teacher: Matt Basinger

Time: 3:30 - 4:25 PM

Dates of Course: February 28 - April 10, 2024 (6 sessions)

This is a 6-week class dedicated to teaching young students how to maintain a home. Tasks such as replacing air filters, water filters, and how to wire an outlet, and how to reset breakers in an electrical panel will be taught. The basics of plumbing, drywall repair and other topics will also be covered during this time. This practical exploratory will leave students with skills they can carry for the rest of their lives.

Basic Home Maintenance Course Fees:

Tuition: \$30 for the 6 session (please make your payment to CCF)

Materials Fee: \$15

●Exploratory: Basic Car Maintenance

Teachers: Josh Wilson and Phillip Hippert from Trinity Auto (Dave Blaha is the CCF Liaison)

Time: 3:30 - 4:25 PM

Dates of Course: April 17 - May 22, 2024(6 sessions)

As students in this age group enter the population of drivers, it is always good to have some car maintenance skills under our belts. Josh and Phillip from Trinity Auto will show students how to change a tire and diagnose and possibly solve some other common car issues. Hands-on practice is part of this course. Don't be afraid to get your hands dirty!

Basic Car Maintenance Course Fees:

Tuition: \$20 (made payable to CCF)

Materials Fee: None

Required Class Supplies: None

Additional Services

●Young Learners' Free Period (preK4 to 5th grade, or up to 10 year olds)

Teacher: Tom Guthrie
Time: 8:00 to 8:50 AM
9:00-9:50 AM
10:00-10:50 AM
11:00-11:50 AM

Maximum Class Sizes: 10

Prerequisites: Children must be enrolled in at least 2 other classes at the co-op in order to utilize this period.

This is a supervised play time for kids who don't have a class they are attending during a specific period *and will only be offered during the first 4 class periods of the day (from 8am to 12noon).*

Young Learner's Free Period Cost: \$10 per month per period and can be paid in full at the beginning of the school year (\$90), or in two installments (\$40 for September through December and \$50 for January through May), or monthly.*

***Please make payments payable to CCF.**

●Study Hall (ages 11 and older)

Teacher: Jayna Marcelli
Time: Every hour EXCEPT during lunch (noon to 12:30)

This is a supervised period for students to study and work on school work or homework. Study Hall is open to students who are signed up for a minimum of two co-op classes and may have a gap in their schedule. Students participating in the Exploratory Wheel but not taking each exploratory class can participate in study hall during the weeks needed.

Study Hall Cost: \$10 per month per period and can be paid in full at the beginning of the school year (\$90), or in two installments (\$40 for September through December and \$50 for January through May), or monthly.

Special Half-Hour Study Hall Option Fees:**

\$5 per month per period and can be paid in full at the beginning of the school year (\$45), or in two installments (\$20 for September through December and \$25 for January through May), or monthly.

****This half-hour option is offered ONLY to students who have to register for a 30-minute Study Hall to bridge them from the end of a class period (such as an extended period) to the start of their next class session.**

Calvary Chapel Homeschool Co-Op Faculty Contact List

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