

# Course Descriptions

2022-2023

## JR. HELP (PK – 5<sup>th</sup> grade)

### **Exploring the World Around Us (Pre-K4 - 1<sup>st</sup> grade)**

Students will learn how the world around them functions by exploring many different topics. Each month a new topic will be covered that relates to what is happening in the world around them at that time. For example, exploring how apples grow in the month of September when apples are traditionally harvested in our geographic region. We will explore these topics through various hands-on activities that will bring the topics to life and deepen your child's understanding of these topics. Furthermore, students will be taught letters, letter sounds, and numbers along with sight words and practice writing. Classes will be held in a friendly caring atmosphere where students will learn how to interact with peers and teachers with respect and kindness. Please note that this class is designed to be supplemental to your core homeschooling curriculum.

**To register for this class, you must contact Kim McClellan at [kimmcclellan35@gmail.com](mailto:kimmcclellan35@gmail.com)**

**Teacher:** Kim McClellan

**Course Fee:** One day a week: Supplies Fee: \$50  
Fee: \$75 per month. Payable to Kim McClellan

Two day a week: Supplies Fee: \$75  
Fee: \$125 per month. Payable to Kim McClellan

### **Travel the U.S.A. (Grade 2<sup>nd</sup> - 5<sup>th</sup>)**

This course is designed to cover Geography, Social Studies, History, Science, Bible, Music, Art, Enrichment as well as some Language Arts. With this course, the only subjects the parent would be required to teach at home would be math and Language Arts. This is an interactive, fun way to introduce your child to the amazing country we live in by "traveling" through 25 of the 50 states. Lessons will be engaging and incorporate hands-on fun activities. In this course, you have the option of enrolling your child for one day or two days a week. Each class is 2 hours.

**To register for this class, you must contact Kate Funk at [funk@zoominternet.net](mailto:funk@zoominternet.net)**

**Teacher:** Kate Funk

**Course Fee:** One day a week: Supplies Fee: \$50  
Fee: \$75 per month. Payable to Kate Funk

Two day a week: Supplies Fee: \$75  
Fee: \$125 per month. Payable to Kate Funk

# HELP

## (6<sup>th</sup> – 12<sup>th</sup> grade)

### MATH

#### Prep for Math (6<sup>th</sup> - 8<sup>th</sup>)

For HELP students to be fully prepared for high school level Math and Science, many basic math concepts and skills need to be reviewed and revisited. This “Prep for Math” class is designed for middle school students as a tutoring math class to help each individual make steady progress in his/her math career. Assessment tests will be given in the beginning of the school year to learn about every student’s current math language and skills proficiency level. Then each student will be provided by a “customized” learning/drilling set of work each week to help them mend any missing building blocks in Math. Common topics will include multiplication facts; long multiplications; long divisions; mixed operations; decimals; fractions; order of operations; power operations; statistics; math word problems; exponent rules and properties etc.. Families could use this class as your “Math class of the year”. However, I would highly recommend parents/students to continue working with your own math curriculum at home at the same time as math is a subject that needs everyday learning and practices. In addition to your regular math, curriculum this class could be a supplement to help your students get to love math and be stronger in it.

**Tutor:** Dr. Connie Lee

**Course Fee:** \$350.00

#### Algebra I (9<sup>th</sup> - 12<sup>th</sup>)

Topics covered in this fully comprehensive Algebra 1 course include adding, subtracting, multiplying and dividing with powers and roots, scientific notation, solving linear equations and inequalities in one variable, rate, work and mixture word problems, simplifying and factoring polynomials, rational expressions, adding, subtracting, solving quadratic equations by factoring, completing the square, and using the quadratic formula, graphing linear equations, slope, graphing higher-degree equations, solving systems of two linear equations in two variables graphically and algebraically, solving inequalities in one variable, graphing two-variable inequalities, functions, absolute value equations, mean, median, mode, range, stem and leaf plots, box and whisker plots, histograms, probability including tree diagrams, and using a graphing calculator.

**Tutor:** Dr. Connie Lee

**Course Fee:** \$350.00

### **Algebra II (9<sup>th</sup> -12<sup>th</sup>)**

Algebra 2 is a continuation of Algebra 1. Students will learn to solve radical and second degree equations using several variables. They will work with imaginary and complex numbers, inequalities, and systems of equations. Students will keep their Algebra 1 and Geometry skills sharp with quizzes and daily assignments.

**Tutor:** Tami Caraway

**Curriculum:** Teaching Textbooks

**Course Fee:** \$350.00

### **Pre-Calculus (10<sup>th</sup> - 12<sup>th</sup>)**

Prepare your students for college-level math in this course. Lessons cover exponential and logarithmic functions, matrices and determinants, statistics and probability, trigonometry, analytic geometry, and more through easy-to-understand lessons.

*This course requires a TI-83 Plus Calculator (by Texas Instruments)*

**Tutor:** Tami Caraway

**Curriculum:** Teaching Textbooks

**Course Fee:** \$350.00

## **SCIENCE**

### **Intro to Chemistry and Physics (6<sup>th</sup> - 8<sup>th</sup>)**

This class will introduce students to the fascinating world of chemistry and physics! It will begin by exploring the basic building blocks of creation, atoms, and molecules, and then journey through simple chemicals, the laws of motion, and energy in its many forms, before discovering the concepts of electricity and magnetism. Along the way students will make their own bouncy ball, formulate a smoke bomb, build a solar oven and much more!

**Tutor:** Michelle Groves

**Curriculum:** Apologia

**Course Fee:** \$ 350.00 plus \$50.00 Lab Fee

### **Physical Science (8<sup>th</sup> - 9<sup>th</sup>)**

This course is designed to help your student make the transition from junior high to high school science. During this course, your student will study their physical environment and the basic laws that make it work. Topics include the earth's atmosphere, weather, motion, Newton's laws, gravity, atomic structure, radiation, nuclear reaction, and outer space. Experiments for this course include examining carbon dioxide and the greenhouse effect, exploring the forces between molecules, modeling plate tectonics, predicting weather, and much more. Basic algebra skills are needed. If you have a younger student, carefully consider the student's readiness in terms of math and reading comprehension skills.

**Tutor:** Jenny Lafferty

**Curriculum:** Apologia

**Course Fee:** \$350.00 plus \$50.00 Lab Fee

### **Biology (9<sup>th</sup> - 10<sup>th</sup>)**

This course will use a creation-based science curriculum to help students explore, discover, and understand the wonders of Creation. This course is an introduction to fundamental life processes and biological concepts. Students will learn about scientific classification, biochemistry, atomic structure and bonding, cellular biology (including structure, function, and reproduction), molecular and Mendelian genetics, evolution, ecosystems, and the basic anatomy of organisms. This course incorporates an introduction to laboratory skills including the scientific method, microscopy, dissection, classification, patterns of inheritance, diffusion, and observing, measuring, and analyzing scientific data.

**Tutor:** Jenny Lafferty

**Curriculum:** Apologia

**Course Fee:** \$350.00 plus \$50.00 Lab Fee

### **Chemistry (with Lab) (10<sup>th</sup> - 12<sup>th</sup>)**

This course is designed to introduce students to the fundamentals of Chemistry through a variety of ways, lecture, discussion lab work, and self-study. Chemistry is the study of matter and its changes. Therefore, the topics covered in this course include, but are not limited to: measurement, atomic structure, electron configuration, the periodic table, gas laws, properties of liquids and solids, solutions, stoichiometry, reactions, acids, and bases. Students need to have both good study skills and math skills to be successful in this course. *Prerequisite completion of Algebra 1 with a grade of B or higher.*

**Tutor:** Dr. Connie Lee

**Curriculum:** Apologia

**Course Fee:** \$350.00 plus \$50.00 Lab Fee

## LANGUAGE ARTS

### **Intro to Writing (4<sup>th</sup> - 6<sup>th</sup>)**

This writing class uses the IEW method to develop confident writers. It does so by equipping the student with necessary tools and techniques to accomplish the writing goal at hand. Upper elementary is a great time to build your student's confidence in writing before they hit middle & high school when writing skills will be needed across most disciplines. This class will meet once a week to receive instruction, encouragement and to share writing samples with their fellow classmates. Class size will be limited to 10 students so individualized attention can be given. Parental support from home will be necessary at this age in the form of typing papers and encouragement to complete weekly assignments. One can expect weekly writing assignments.

**Tutor:** Jenny Lafferty

**Course Fee:** \$175.00 plus \$50 materials fee

### **Middle School Grammar & Writing (6<sup>th</sup> - 8<sup>th</sup>)**

#### *Grammar Portion:*

In this class, students will learn grammar using the preposition approach. Using this method and other valuable strategies provides the students with an understanding of how to use grammar as it was intended- a tool for speaking and writing properly. The course will scaffold in a step-by-step manner to help students build mastery. Concepts will be introduced and reviewed throughout the school year. Students will learn to write sentences containing appositives, sentences using semicolons, compound sentences, subordinate clauses, and introductory participial phrases. There will also be a unit that will address punctuation as we are working through the school year. As a portion of our class, students will have the opportunity at the beginning of each class to use the *Daily Grams Guided Review Aiding Mastery Skills* workbook. This additional layer of ongoing practice will help with mastering the grammar skills necessary to incorporate in their writing. This class will build upon students' previous year of learning the Easy Grammar System

\*Please reach out to Judy Mills if your student isn't familiar with the Easy Grammar System as this class will build upon knowing this method of instruction.

#### *Writing Portion:*

This writing class uses the IEW method to develop confident writers by equipping them with necessary skills to tackle a blank paper that needs to be filled with meaningful information. It teaches them to know the end goal of the writing task and gives them an executable plan to accomplish the writing tasks at hand. Students will learn how to write an outline, retell narrative stories and how to summarize references when writing a research paper. They will also write stories from pictures as well as invent their own stories. Writing essays and formal critiques will also be skills that they will learn in this course.

**Tutors:** Judy Mills (Grammar) & Jenny Lafferty (Writing)

**Course Fee:** \$350

### **Middle School Literature & History (6<sup>th</sup> - 8<sup>th</sup>)**

TRIP INTO FICTION! We will be reading and studying fictional fantasy stories this year! We will read some historical fiction, but almost everything will be imagination and adventure! We will be reading a couple of classics along with “Just for Fun” adventures. For the history part of the class, we will be delving into the time period each book was written as well as the era the author lived, learning about the author’s life, early background, and writing career. We will develop a timeline for the books. If it is historical fiction, we of course will be studying the real history in which the adventurous story was developed. History will be lighter this year as it was a heavy concentration in Pennsylvania last year! There will be more concentration on story structure, the themes and meaning behind a story, comprehension, analysis, and vocabulary.

**Tutor:** Carrie Hungerman

**Course Fee:** \$350.00

### **High School Literature & Composition (9<sup>th</sup> - 12<sup>th</sup>)**

This 1.0 credit course challenges students to improve their reading comprehension, writing, and analytical skills through the close reading of excellent literature in a variety of genres. Students will read classic novels, short stories and poetry, and will develop the skills necessary to analyze, interpret and respond critically to literature. Lessons cover all aspects of literary analysis, including plot, conflict, theme, characterization, setting and poetic language. This course also includes a significant writing component, as students will develop and hone their writing skills and vocabulary through various writing assignments including persuasive and literary essays. Building a cohesive essay is key, and we will focus on sentence and paragraph construction, word choice, and grammar. Students will learn citation methods in the Modern Language Association (MLA) format. Grading is based upon written assignments, tests/quizzes and homework/class participation.

**Tutor:** Wendy Gallagher

**Course Fee:** \$350.00

## SOCIAL STUDIES/HISTORY

### US History Through the Presidents (9<sup>th</sup> - 12<sup>th</sup>)

How did the United States emerge from a small group of English colonies to become a world super-power? What were the variables and forces at work that allowed for this development? Who were the people who made crucial decisions during this process of development? What patterns emerge when we look at the people and events that brought us to this very day? We will consider all of these questions and more as we try to understand the extraordinary story of the United States. Central to our analysis will be the role of technology and how it provided leaders the opportunity to develop, protect and enrich the country. We will see how trends develop, how society changed and how the concept of role of the President was literally invented and re-defined with each man who served in that position.

This course will involve primarily in-class discussion with research at home. Students will develop their analytical and research skills while learning from each other. The subjects are meaty, but the assignments are not burdensome. Students will be challenged, but the course itself is not difficult.

**Tutor:** Winkie Ilic

**Course Fee:** \$350.00

## ELECTIVES

### Introduction to Logic (9<sup>th</sup> - 12<sup>th</sup>)

Logic is the study of the principles of correct reasoning. This one-credit course will focus on learning the basics of logical terms and concepts, and will introduce students to inductive and deductive reasoning. Students will study informal logical fallacies using real-world examples in a fun and engaging way. This will enable them to develop the necessary skills to identify correct versus incorrect reasoning. We will study the form of an argument, and students will be given the tools and knowledge to form their own articulate, well-reasoned arguments. This course will also have a "Logic in Apologetics" component to it, and students will learn the basics of making a reasoned defense of the Christian faith, or as the Apostle Peter so aptly stated "...always [be] prepared to make a defense to anyone who asks you for a reason for the hope that is in you... ." 1 Peter 3:15 ESV.

**Tutor:** Wendy Gallagher

**Course Fee:** \$350.00

### **Art: See the Light (7<sup>th</sup> - 12<sup>th</sup>)**

Art at HELP this year will be utilizing the See The Light Curriculum as a foundation. It will integrate art history and Biblical truth into every lesson. Our focus will be on drawing techniques, shape and space, value and color, blending techniques, texture and form, one- and two-point perspective, faces and figures! The most wonderful part is that most lessons only require paper and pencil!

**Tutor:** Michelle Groves

**Course Fee:** \$175

### **Note-taking & Study Skills (6<sup>th</sup> - 8<sup>th</sup>)**

This course will focus on the students' individual learning styles and incorporate note-taking and study skills to progressively build new processes. In order to do well in a class, you often need to take good notes. A teacher's lecture and reading material provide you with key information for the course. Staying organized while taking notes is just as important as note-taking itself because if you have good notes to study from, you will be more likely to do well. We will begin by talking about how to organize our thoughts and ideas. Students will brainstorm with guidance and understand the significance of taking notes and our various learning preferences. We will walk through the study skills process, uncovering the necessary steps. As we progress through the course, we will practice many note-taking methods and styles. Some will be typical: Cornell, Charting, Outlining.... Others will not be your typical "note-taking" method: Doodling, Sketchnotes, Visual Note-Taking... This is where the excitement begins! Exploration, discovery, and enjoying their own learning style are key to successful note-taking practice and implementation. We will practice new concepts in class and then incorporate those concepts in a current HELP or home class of choice. By incorporating weekly applications, they will discover what style of note-taking works best for them. We will also explore various note-taking apps and technology to aid the students in their current and future academic learning. Students will have the opportunity to test out various note-taking apps to use throughout their school year.

**Tutor:** Judy Mills

**Course Fee:** \$175.00

### **STEM Exploration: The Brain Storm (4<sup>th</sup> - 7<sup>th</sup>)**

Elephant toothpaste, exploding pop, marble run maze and more! These are just a few of the exciting STEM projects the students will create, providing them with a fun way to learn stem principles in the areas of chemistry, biology, ecology and physics. Students will work in small groups to teach team collaboration, develop communication and listening skills and empower critical thinking skills and creativity.

**Tutor:** Kate Funk

**Course Fee:** \$175 plus \$100 supplies fee



## **Bible Elective: Complete Survey of the Bible (6<sup>th</sup> - 12<sup>th</sup>)**

The intent of a Complete Survey of the Bible is to familiarize the student with the general backgrounds, themes, and content of the 66 books of the Bible: Genesis through Revelation. There will also be an emphasis upon the practical relevancy and application of each book to everyday living.

**Tutor:** Pastor Norb Levesque

**Course Fee:** \$175.00

## **Introduction to Speech and Debate: (9th-12th Grade)**

*Introduction to Speech* is an elective course that will provide students with the basic skills needed in a variety of public and daily interaction within society. Students will learn to communicate more effectively, whether in front of an audience or one-on-one. They will learn the essential elements of effective speech, verbal and nonverbal. At the end of the course, students will have developed the skills needed to prepare and effectively deliver speeches in public.

By completing this course, the student will:

- Develop the basic fundamentals of verbal and non-verbal communication
- Understand fundamental speech skills
- Gain the confidence needed to deliver a speech in a public setting
- Learn how to persuade others through their speaking
- Learn the different types of speeches and how to prepare for each one
- Develop the skills necessary to clearly articulate in such a way as to educate, influence and enhance an audience

Text: *Secrets of Dynamic Communications* by Ken Davis (\$11.99 on Amazon)

*Introduction to Debate* will explore the fundamental components of competitive team policy debate. It will focus on the Key elements of:

- Research of designated Debate Topic(s)
- Strategy/Case Development
- Effective Listening to develop specifically targeted responses
- Learning the component speaking parts in a debate (First Affirmative, First Negative, Second Affirmative, Second Negative, and Rebuttals), and the requisite obligations of each speaker
- "Flowing" a debate to capture and address all points raised
- Practical Presentation Exercises

Students should complete the class with a working knowledge of the formal debate process as utilized in high school and college competitions. There will not be a required textbook for debate, since they tend to be pricey, and I would rather the students learn effective note taking from materials that I will share with them.

**Tutors:** Pastor Terry Lafferty (Speech- 1<sup>st</sup> semester) & Paul Holdren (Debate- 2<sup>nd</sup> semester)

**Course Fee:** \$175.00

**Spanish (9<sup>th</sup> – 12<sup>th</sup>)**

Description coming soon...