

Course Descriptions
2019 – 2020
Preschool and Elementary

Adventures in God’s Creation: (PK-K)

Students will explore the world through fun hands-on, thematic lessons that focus on the wonders of God’s creation. Lessons will center on quality literature and a letter of the week, with Bible, math, science and social studies integrated throughout. This class will be taught in conjunction with our child development class. The child development students will be developing and implementing many of the lessons under Kate’s supervision.

Teacher:

Kate Funk

Course Fee:

Registration Fee: \$40 payable to Kate Funk
Fee: \$50 per month.

Travel Through Time:- (1st-5th)

Following the steps of famous explorers and pioneers across America, history becomes our guide to learning. Through this fun unit study approach, students will learn Geography, Social Studies, History, Science, Bible, Art, Enrichment and Language Arts through interactive and engaging hands-on activities. With this class, the only subjects the parent would be required to teach at home would be math and Language Arts. . In this course, you have the option of enrolling your child for one day or two days a week. Each class is 2.5 hours. Parents of students who take this class only, do not need to serve as “parent of the day”.

Teacher:

Kate Funk

Course Fee:

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

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

H.E.L.P Course Descriptions 2019 - 2020

(Homeschool Education Learning Partnership)

Math

Algebra I: (9 - 12th Grade)

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.

Teacher: Tami Caraway
Curriculum: Teaching Textbooks Algebra I
Course Fee: \$175.00

Geometry: (9th-12th Grade)

In this course, students will be taught the fundamental basics of geometry up through more difficult topics such as coordinate geometry, theorems, properties, and postulates. Chapters cover lines and angles, parallel lines, triangles, quadrilaterals, circles, area, solid geometry, non-Euclidean geometries, and more. Problems modeled on questions found in the SAT/ACT are also included to help prepare students for standardized testing.

Teacher: Tami Caraway
Curriculum: Teaching Textbooks Geometry
Course Fee: \$350.00

Pre-Calculus/Trigonometry: (9th-12th)

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))

Teacher: Tami Caraway
Curriculum: Teaching Textbooks Pre-Calculus
Course Fee: \$350.00

Science

Exploring Creation with Chemistry and Physics: (5th-7th)

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!

Teacher: Michelle Groves
Course Fee: \$350.00 Plus \$50.00 Lab Fee

Physical Science: (7th-9th)

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.

Teacher: Jenny Lafferty
Curriculum: Apologia (Exploring Creation w/Physical Science)
Course Fee: \$350.00 Plus \$50.00 Lab Fee

General Chemistry with Lab: (9 - 12th Grade)

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.

Teacher: Connie Li
Curriculum: Apologia
Course Fee: \$350.00 Plus \$50.00 Lab Fee

Biology: (9 - 12th Grade)

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.

*Note: The instructor will teach this class via an online platform/Skype during the scheduled class times. Evaluations (homework, exams, projects, etc.) will be distributed by the instructor and submitted by the students electronically.

Mrs. Clyde will serve as the facilitator to aid with classroom management and any technical issues. Previous Biology students will be in the classroom during scheduled laboratories to offer hands-on assistance with procedures and identification, as needed, while the instructor oversees the experiments.

Teacher: Miranda Larson/Jenny Lafferty (Facilitator)

Curriculum: Apologia Biology

Course Fee: \$350.00 Plus \$50.00 Lab Fee

Physics: (9 - 12th Grade)

This course provides students with a strong background in units, measurements, one-and two-dimensional motion, Newton's laws and their application, gravity work and energy, momentum, periodic motion, waves, optics, electrostatics, electrodynamics, electrical circuits, and magnetism. Experiments for this course includes measuring average velocity and acceleration, determining factors that affect air resistance, estimating the work done by friction, making and using an electroscope and creating a parallel-plate capacitor and storing charge.

Teacher: Connie Li

Course Fee: 350.00 plus Lab Fee of \$50.00

Language Arts

Writing: (6th -8th)

This interdisciplinary course will teach and apply grammatical skills to foundational writing. Students will benefit from practical application of grammar lessons to a variety of writing styles and topics including: sentence composition, paragraph structure, prewriting strategies, and writing organization. Students will gain the necessary tools to approach writing with confidence and success.

Teacher: Suzanne McCarthy

Course Fee: \$175.00

High School Literature & Composition: (9 – 12 grade)

This course will focus on close reading of many types of literature, including novels, short stories and poetry, and will emphasize lively, engaging class discussion. Students will learn to analyze, interpret and respond critically to literature. The students will be taught to analyze the way the formal elements of literature contribute to its meaning, to analyze literature as a human experience, and to read through historical cultural lenses. Students will learn how literary devices from all of the genres are used to create meaning for readers: plot, characterization, theme, point of view, symbol, irony, and figurative language. This course will also include a strong writing component, as students will develop and hone their writing skills and vocabulary through various writing assignments, essays and literary analysis.

Teacher: Wendy Gallagher

Course Fee: \$350.00

Middle School Literature: (5th-8th grade)

We will be using a few curriculum choices-Learning Language Arts Through Literature, Total Language Plus and The Socratic Method from The Center for Literary Education. The Socratic Method employs the art of questioning rather than lecturing to accomplish education. We will be covering Socratic discussion questions with comprehensive answers keyed to the text. Questions cover conflict, plot, setting, characters, theme, literary devices and context complete with story charts for each story. Fun activities, interesting discussion and learning literary terms will be parts of the class, as well as reading and analyzing a variety of genres suitable to the middle school age range and include a poetry unit. A list of required books for the course will be given out upon registration.

Teacher - Carrie Hungerman

Course Fee - \$175.00

Social Studies/History

Travel the U.S.A: (5th-8th)

We will look at the statehood of individual states from a unique perspective. We will study events of particular interest to each state, the students will see, from a Christian perspective, how these events affected the state and our nation as a whole. This course will combine US history and state history with an overview of geography. The students will learn research skills, note taking skills, and presentation skills.

Teacher: Michelle Groves & Carrie Hungerman

Course Fee: \$350.00

American Constitutional Government: (9th -12th)

This one credit course will focus on the foundations of American Constitutional Government and its historical background. We will study the founding documents including the Declaration of Independence and the Constitution in light of Judeo-Christian revelation and natural law. There will be a “current events” component to this course where we will look at some of the events of the day in conjunction with the operation of the three branches of government, particularly the Supreme Court of the United States. We will also discuss competing forms of political systems in order that the student will have an understanding of the uniqueness of our constitutional government, or as Tocqueville described it, “American Exceptionalism.”

Teacher: Wendy Gallagher

Course Fee: \$350.00

World Geography/Culture and History: (9th-12th)

In a discussion based format, students will dig into the physical geography of the regions of the world and discover the connections between the physical land, the people who live there and their historical past. Students will be guided in *how to research a country and make connections between location, culture, history and sometimes current events*. Along with a much deeper appreciation for the variety of peoples and places in the world, *students will develop strong research and analytical skills which they can apply to future studies*. Finally, students will be taught about cross-cultural communication paradigms and strategies so that they can apply their knowledge when meeting people from different parts of the world. Ultimately, this course will broaden the students' perspective on the world and help them to not only appreciate other people but also to be able to interact with people from very different walks of life. As children of God, this is a particularly important skill to develop in an increasingly shrinking world.

Teacher: Winkie Ilic

Course Fee: \$350.00

Electives

Biblical Doctrine: (6th-12th)

Doctrine is the dynamic study of the mind of God as it manifests itself in the life of people. Doctrine leads to discipleship which leads to a life of fulfillment and impact. Using a discipleship model this course will explore the major doctrines of the Bible and how to apply them to daily life. The class will cover such doctrinal truths as: Salvation, the Bible, the Holy Spirit, Prayer, Godly Finances, Dealing with Conflict, The End Times, Baptism and Communion, as well as other core principles for godly living.

Teacher: Pastor Norb Levesque

Course Fee: \$175.00

Art: (All Ages)

The focus of this course will be on Western art history, or the development of art from Medieval to Modern Art. The class looks at the different periods in art, the prominent artists, and their techniques. Students will build and develop a foundation of skills by learning and working through the essential elements and principles of art including: line, color, space, form, shape, texture, pattern, balance, and emphasis. This course also includes art history, art appreciation, creative self-expression, and media exploration.

Teacher: Michelle Groves

Course Fee: \$175.00

Supply Fee: \$50.00

Spanish 2: (8^h-12th)

Course Description: this is a condensed course covering material from the Spanish 2 curriculum textbook "En Español! Year 2." The course will build off of my Spanish 1 course as a prerequisite. In addition to this, I require students to complete the first 4 workbooks in the Lifepac Spanish 2 curriculum by Alpha Omega during the fall semester prior to class start date, due to the fact that this is a condensed course. (The Lifepac series is what I personally studied to learn Spanish, and it is an excellent comprehensive home curriculum including workbooks, CDs and self-tests)

During the Spring Semester, we will cover past tense verbs (Preterit and Imperfect), review present tense grammar and commands, introduce the subjunctive mood, and increase sentence structure complexity. We will also cover a wide range of vocabulary involving travel, health and fitness, family relationships, and the human body. Class structure centers around group activities and class participation, facilitated by brief lectures. We supplement class time with study guides and tests (Quizzams) approximately every 2 weeks, as well as online homework through the website studyspanish.com.

Teacher: Sandy Gomez Gil

Course Fee: \$350.00