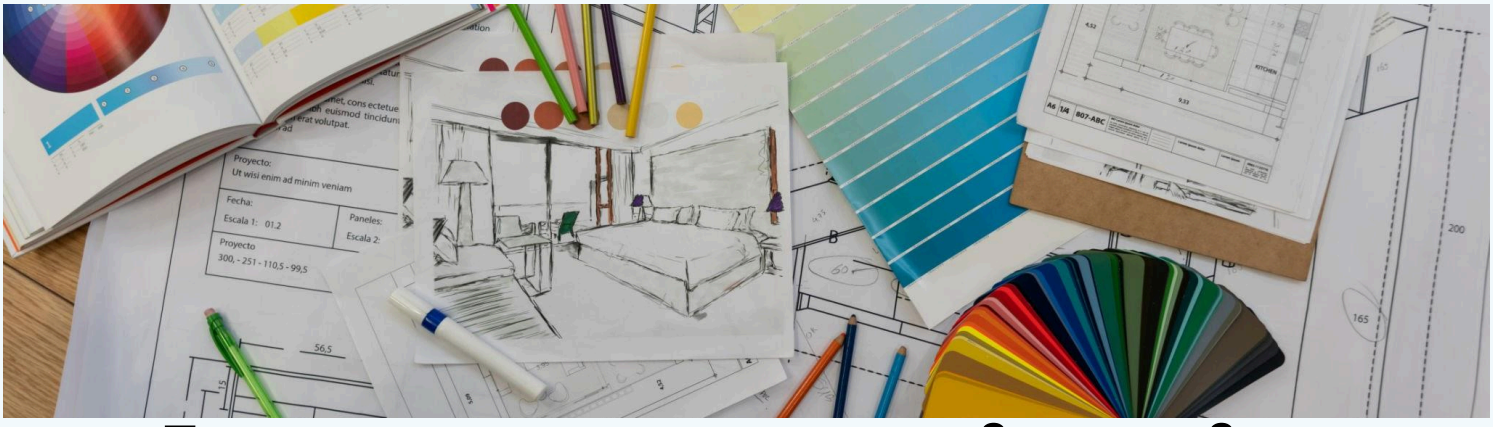

Class Descriptions

Upper Levels 7-12

Below are the descriptions for the enrichment sessions offered in our program. Please note that age 12 is considered elementary. The time your child spends in this program is a critical part of ensuring that no gaps in learning are present before moving to upper level work. All classes are designed to be comprehensive and geared toward the core needs of the children enrolled, and all children will have their needs assessed prior to enrollment to ensure that they are in the correct program level. For this reason, our program uses “levels” instead of “grades”. These levels ensure the proper placement and advancement according to each child’s needs. This is the best way to build a bridge between current knowledge and attaining and mastering new knowledge.

Beginner	Intermediate	Advanced
Recommended for ages 13-15 or grades 7 /8. Introductory level courses that teach developmentally appropriate concepts while building skills to bridge the gap between middle and high school level work.	Recommended for ages 14-16 or grades 9/10. Intermediate level courses taught at high school level with high school level expectations. Parents must verify students ability to handle course material and pace if under 15.	Recommended for ages 15-18 or grades 11/12. Upper level advanced courses are designed to prepare the student for college level learning. These classes include labs and activities/materials designed for mature participants only. Expectations are geared toward advancing the students into college level performance and to ease the transition from high school to undergraduate learning.

Language Arts

Language Arts

American & British Literature

2 Semesters
All Levels

- EARLY AMERICAN LITERATURE • The Puritans • The colonists • Days of change and revolution
- THE ROMANTIC PERIOD 1800-1855 • Romantic period • The fireside poets • The transcendentalists • Poets of despair
- WAR AND RECONCILIATION 1855-1915 • War and reconciliation • Secession and royalty • Realism and naturalism • Naturalists, regionalists, and realists
- MODERN AGE 1915-1946 • The modern age • Modern prose • Modern poetry • Harlem renaissance, drama, & religious works
- MODERN TO POSTMODERN 1946-PRESENT • Modern to postmodern • More contemporary writers • Social issues
- THE MIDDLE AGES • Old English literature • Middle English literature • Morality plays • Prose fiction
- THE 16TH CENTURY • The early Renaissance • Renaissance poets • Renaissance prose • Renaissance drama
- THE 17TH AND 18TH CENTURIES • The Stuarts • The Puritan revolution • The Restoration and Neoclassic age
- THE 19TH CENTURY • The early Romantic era • The later Romantic era • The Victorian era
- THE 20TH CENTURY • Modern poetry • Modern drama • Modern prose • Modern fiction

Language Arts

Structure & Style for Students

2 Semesters
Year 1 C- All Levels

In this course, join Andrew Pudewa as he leads students on a 24-week writing journey using IEW's Structure and Style approach. Students reading at a 9th grade level or higher will take delight in Mr. Pudewa's humorous, incremental, and effective writing lessons. The curriculum provides clear daily assignments and includes vocabulary words, literature suggestions, and lesson plans for parents. Easy to use, Structure and Style for Students brings a successful solution to your writing lessons—guaranteed!

This is a class that combines live and video instruction designed to turn any student into a strong and confident writer. This class is FOUNDATIONAL to quality writing, and we recommend ALL students take it at least one time to solidify their writing technique and usage of the English Language.

THIS CLASS IS A MANDATORY PREREQUISITE TO 3 classes we will be hosting next year!
Next year we will host level 2C, as well as Advanced US History Based Writing and University-Ready Writing. We strongly advise that all students intending to take those classes enroll for Year 1 C FIRST.

Language Arts

Grammar and Non-Fiction

2 Semesters
Beginner Level

- WORD USAGE • Proper and common nouns • Pronouns • Prefixes and suffixes • Synonyms and antonyms
- MORE WORD USAGE • Speech: Stress and pitch • Verb tenses • Principle parts
- BIOGRAPHIES • Biography as a form • Flashback technique • Deductive reasoning • Base and root words
- STRUCTURE OF LANGUAGE USAGE • Verb tenses • Principle parts • Sentence creativity • Speech: Pitch and accent
- THE NATURE OF ENGLISH • Formal and informal • Redundant expressions • Verb tenses • Subject-verb agreement
- THE MECHANICS OF ENGLISH • Punctuation • Complements and modifiers • Subordinate and coordinate clauses
- THE HIDING PLACE: A STUDY GUIDE • Sequence of events • Facts about characters • Author's purpose • Character sketch
- LITERATURE • Nonfiction • Listening skills • Commas and semicolons • Nonverbal communication
- COMPOSITIONS • Sentence types • Quality of paragraphs • Pronunciation • Nonsense literature
- GRAMMAR AND NONFICTION REVIEW • Parts of speech • Sentence structure • Punctuation • How to communicate

Language Arts

English IV

2 Semesters
Advanced Level

- THE WORTH OF WORDS • Word categories • Expository writing • Sentence structure • Diction
- THE STRUCTURE OF LANGUAGE • Parts of speech • Sentence structure • Subordinate phrases • Subordinate clauses
- READ, RESEARCH, AND LISTEN • Reading skills • Resources for research • Taking notes • Drawing conclusions
- THE GIFT OF LANGUAGE • Biblical origin • Koine Greek • Purpose of grammar • Semantics
- MEDIEVAL ENGLISH LITERATURE • Early England • Medieval England • Fourteenth century • Chaucer
- ELIZABETHAN LITERATURE • Poetry • Prose • Drama • Essay
- 17TH AND 18TH CENTURY ENGLISH LITERATURE • Historical background • Puritan literature • Common sense and satire • Sensibility
- CREATIVE WRITING • Fundamentals • Inspiration • Technique and style • Form and process
- ROMANTIC AND VICTORIAN POETRY • Wordsworth and Coleridge • Gordon, Byron, and Shelley • Keats, Tennyson, and Hopkins • Robert and Elizabeth B. Browning
- LANGUAGE AND ENGLISH LITERATURE REVIEW • Creative writing • English literature: Medieval to Victorian

Math

Basic Geometry Beginner	• INTEGERS • Adding and Subtracting Integers • Multiplying and Dividing Integers • The Real Number System • FRACTIONS • Working with Fractions • Adding and Subtracting Fractions • Multiplying and Dividing Fractions • DECIMALS • Decimals and Their Operations • Applying Decimals • Scientific Notation • The Metric System • PATTERNS AND EQUATIONS • Variable Expressions • Patterns and Functions • Solving Equations • Equations and Inequalities • RATIOS AND PROPORTIONS • Ratios, Rates, and Proportions • Using Proportions • Fractions, Decimals, and Percents • PROBABILITY AND GRAPHING • Probability • Functions • Graphing Linear Equations • Direct Variation • DATA ANALYSIS • Describing Data • Organizing Data • Graphing Data and Making Predictions • GEOMETRY • Basic Geometry • Classifying Polygons • Transformations • MEASUREMENTS AND AREA • Perimeter • Area • The Pythagorean Theorem • SURFACE AREA AND VOLUME • Solids • Prisms • Cylinders
PreAlgebra Beginner/ Intermediate	• THE REAL NUMBER SYSTEM • Relationships • Other Forms • Simplifying • MODELING PROBLEMS IN INTEGERS • Equations with Real Numbers • Functions • Integers • Modeling with Integers • MODELING PROBLEMS WITH RATIONAL NUMBERS • Number Theory • Solving Problems with Rational Numbers • Solving Equations and Inequalities • PROPORTIONAL REASONING • Proportions • Percents • Measurement/Similar Figures • MORE WITH FUNCTIONS • Solving Equations • Families of Functions • Patterns • MEASUREMENT • Angle Measures and Circles • Polygons • Indirect Measure • PLANE GEOMETRY • Perimeter and Area • Symmetry and Reflections • Other Transformations • MEASURES OF SOLID FIGURES • Surface Area • Solid Figures • Volume • Volume of Composite Figures • DATA ANALYSIS • Collecting and Representing Data • Measures of Central Tendency and Dispersion • Frequency and Histograms • Box-and-Whisker Plots • Scatter Plots • PROBABILITY • Outcomes • Permutations and Combinations • Probability and Odds • Independent and Dependent Events
Algebra 1 Intermediate/Advanced	• VARIABLES AND NUMBERS • Variables • Distributive property • Definition of signed numbers • Signed number operations • SOLVING EQUATIONS • Sentences and formulas • Properties • Solving equations • Solving inequalities • PROBLEM ANALYSIS AND SOLUTION • Words and symbols • Simple verbal problems • Medium verbal problems • Challenging verbal problems • POLYNOMIALS • Addition of polynomials • Subtraction of polynomials • Multiplication of polynomials • Division of polynomials • ALGEBRAIC FACTORS • Greatest common factor • Binomial factors • Complete factorization • Word problems • ALGEBRAIC FRACTIONS • Operations with fractions • Solving equations • Solving inequalities • Solving word problems • RADICAL EXPRESSIONS • Rational and irrational numbers • Operations with radicals • Irrational roots • Radical equations • GRAPHING • Equations of two variables • Graphing lines • Graphing inequalities • Equations of lines • SYSTEMS • Graphical solution • Algebraic solutions • Determinants • Word problems • QUADRATIC EQUATIONS AND REVIEW • Solving quadratic equations • Equations and inequalities • Polynomials and factors • Radicals and graphing

Algebra 2
Advanced

- SETS, STRUCTURE, AND FUNCTION • Properties and operations of sets • Axioms and applications • Relations and functions • Algebraic expressions
- NUMBERS, SENTENCES, AND PROBLEMS • Order and absolute value • Sums and products • Algebraic sentences • Number and motion problems
- LINEAR EQUATIONS AND INEQUALITIES • Graphs • Equations • Systems of equations • Inequalities
- POLYNOMIALS • Multiplying polynomials • Factoring • Operations with polynomials • Variations
- RADICAL EXPRESSIONS • Multiplying and dividing fractions • Adding and subtracting fractions • Equations with fractions • Applications of fractions
- REAL NUMBERS • Rational and irrational numbers • Laws of radicals • Quadratic equations • Quadratic formula
- QUADRATIC RELATIONS AND SYSTEMS • Distance formulas • Conic sections • Systems of equations • Application of conic sections
- EXPONENTIAL FUNCTIONS • Exponents • Exponential equations • Logarithmic functions • Matrices
- COUNTING PRINCIPLES • Progressions • Permutations • Combinations • Probability
- ALGEBRA II REVIEW • Integers and open sentences • Graphs and polynomials • Fractions and quadratics • Exponential functions

History & Geography

Anthropology, Sociology, Economics, and State History

Beginner

- WHAT IS HISTORY? • Definition and significance of history • Historians and the historical method • Views of history
- WHAT IS GEOGRAPHY? • Classes of geography • Geography and relief of the earth • Maps and the study of our world • Time zones
- U.S. HISTORY AND GEOGRAPHY • Geography of the United States • Early history of the United States • Physical regions of the United States • Cultural regions of the United States
- ANTHROPOLOGY • Understanding anthropology • The unity of people • The diversity of people • The culture of people groups
- SOCIOLOGY—PEOPLE IN GROUPS • Sociology defined • Historical development • Importance to Christians • Method of sociology
- U.S. ANTHROPOLOGY AND SOCIOLOGY • Cultural background of the United States • Native American cultures • Cultures from distant lands • Cultural and social interaction
- ECONOMICS—RESOURCES AND NEED • Economics defined • Methods of the economist • Tools of the economist • An experiment in economy
- POLITICAL SCIENCE • Definition of political science • Roots of Western thought • Modern political thinkers • Political theory
- STATE ECONOMICS AND POLITICS • Background of state government • State government • State finance • State politics
- SOCIAL SCIENCES REVIEW • History and geography • Anthropology • Sociology • Economics and politics

Civics and World Geography

Beginner/ Intermediate

- HERITAGE OF THE UNITED STATES • American colonies • Acquisitions and annexations • Backgrounds to freedom • Backgrounds to society
- OUR NATIONAL GOVERNMENT • Ideals of national government • National government developed • Legislative and executive branches • Judicial branch
- STATE AND LOCAL GOVERNMENT • Powers of state government • County government • Township government • City government
- PLANNING A CAREER • Definition of a career • God's will concerning a career • Selecting a career • Preparation for a career
- CITIZENSHIP • Citizenship defined • Gaining citizenship • Rights of citizenship • Responsibilities of citizenship
- THE EARTH AND MAN • Man inhabits the earth • Man's home on the earth • Man develops the earth • The future of the earth
- REGIONS OF THE WORLD • A region defined • Geographic and climate regions • Cultural and political regions • Economic regions of Europe
- MAN AND HIS ENVIRONMENT • The physical environment • Drug abuse • The social environment • Man's responsibilities
- TOOLS OF THE GEOGRAPHER • The globe • Types of maps • Reading maps • The earth in symbol form
- MAN IN A CHANGING WORLD • Development of the nation • Development of government • Development of the earth • Solving problems

World History

Intermediate

American History

Advanced

- FOUNDATION OF THE REPUBLIC • Democracy develops • Virginia • New

- ANCIENT CIVILIZATIONS 1 • Origin of civilization • Early Egypt • Assyria and Babylonia • Persian civilization
- ANCIENT CIVILIZATIONS 2 • India • China • Greek civilization • Roman Empire
- THE MEDIEVAL WORLD • Early Middle Ages • Middle Ages in transition • High Middle Ages
- RENAISSANCE AND REFORMATION • Changes in government and art • Changes in literature and thought • Advances in science • Reform within the church
- GROWTH OF WORLD EMPIRES • England and France • Portugal and Spain • Austria and Germany • Italy and the Ottoman Empire
- THE AGE OF REVOLUTION • Factors leading to revolution • The English Revolution • The American Revolution • The French Revolution
- THE INDUSTRIAL REVOLUTION • Sparks of preparation • Industrial Revolution in England • Industrial Revolution in America • Social changes of the revolution
- TWO WORLD WARS • Mounting tension • World War I • Peace and power quests • World War II
- THE 20TH CENTURY AFTER 1945 • The Cold War • Korean War and Vietnam War • Collapse of the Soviet Union • The 20th century closes
- ANCIENT TIMES TO THE 21ST CENTURY • Ancient civilizations • Medieval times • Renaissance and Reformation • Revolutions and globalization

England colonies • Middle and southern colonies

- DEVELOPMENT OF CONSTITUTIONAL GOV'T • Relations with England • The Revolutionary War • Articles of Confederation • Constitution of the United States
- NATIONAL EXPANSION • A strong federal government • Revolution of 1800 • War of 1812 • Nationalism and sectionalism
- A NATION DIVIDED • Issues of division • Division of land and people • Economics of slavery • Politics of slavery
- A NATION DIVIDED AND UNITED • Regionalism • The division • The Civil War • Reconstruction
- U.S. INVOLVEMENT AT HOME AND ABROAD • Surge of industry • The industrial lifestyle • Isolationism • Involvement in conflict
- THE SEARCH FOR PEACE • World War I and its aftermath • The Golden Twenties • The Great Depression • The New Dea
- A NATION AT WAR • Causes of the war • World War II • Korean conflict • Vietnam conflict
- CONTEMPORARY AMERICA • America from 1960 to 2000 • International scene from 1960 to 2000 • America after 2000 • International scene after 2000
- UNITED STATES HISTORY • Basis of democracy • The 1800s • Industrialization • Current history

Science

General Science 1

Beginner

- WHAT IS SCIENCE? • Tools of a scientist • Methods of a scientist • Work of a scientist • Careers in science
- PERCEIVING THINGS • History of the metric system • Metric units • Advantages of the metric system • Graphing data
- EARTH IN SPACE 1 • Ancient stargazing • Geocentric theory • Copernicus • Tools of astronomy
- EARTH IN SPACE 2 • Solar energy • Planets of the sun • The moon • Eclipses
- THE ATMOSPHERE • Layers of the atmosphere • Solar effects • Natural cycles • Protecting the atmosphere

	• WEATHER • Elements of weather • Air masses and clouds • Fronts and storms • Weather forecasting • CLIMATE • Climate and weather • Worldwide climate • Regional climate • Local climate • HUMAN ANATOMY 1 • Cell structure and function • Skeletal and muscle systems • Skin • Nervous system • HUMAN ANATOMY 2 • Respiratory system • Circulatory system • Digestive system • Endocrine system • CAREERS IN SCIENCE • Scientists at work • Astronomy • Meteorology • Medicine
Biology Intermediate	• TAXONOMY • History of taxonomy • Binomial nomenclature • Classification • Taxonomy • BASIS OF LIFE • Elements and molecules • Properties of compounds • Chemical reactions • Organic compounds • MICROBIOLOGY • The microscope • Protozoan • Algae • Microorganisms • CELLS • Cell theories • Examination of the cell • Cell design • Cells in organisms • PLANTS: GREEN FACTORIES • The plant cell • Anatomy of the plant • Growth and function of plants • Plants and people • HUMAN ANATOMY AND PHYSIOLOGY • Digestive and excretory system • Respiratory and circulatory system • Skeletal and muscular system • Body control systems • GENETICS AND INHERITANCE • Gregor Mendel's experiments • Chromosomes and heredity • Molecular genetics • Human genetics • CELL DIVISION AND REPRODUCTION • Mitosis and meiosis • Asexual reproduction • Sexual reproduction • Plant reproduction • ECOLOGY AND ENERGY • Ecosystems • Communities and habitats • Pollution • Energy • APPLICATIONS OF BIOLOGY • Principles of experimentation • Principles of reproduction • Principles of life • Principles of ecology
Chemistry Intermediate/Advanced	• ESTIMATE AND MEASUREMENT • Metric units and instrumentation • Observation and hypothesizing • Scientific notation • Careers in chemistry • ELEMENTS, COMPOUNDS, AND MIXTURES • Alchemy • Elements • Compounds • Mixtures • GASES AND MOLES • Kinetic theory • Gas laws • Combined gas law • Moles • ATOMIC MODELS • Historical models • Modern atomic structure • Periodic law • Nuclear reactions • CHEMICAL FORMULAS • Ionic charges • Electronegativity • Chemical bonds • Molecular shape • CHEMICAL REACTIONS • Detecting reactions • Energy changes • Reaction rates • Equilibriums • EQUILIBRIUM SYSTEMS • Solutions • Solubility equilibriums • Acid-base equilibriums • Redox equilibriums • HYDROCARBONS • Organic compounds • Carbon atoms • Carbon bonds • Saturated and unsaturated • CARBON CHEMISTRY • Saturated and unsaturated • Reaction types • Oxygen groups • Nitrogen groups • ATOMS TO HYDROCARBONS • Atoms and molecules • Chemical bonding • Chemical systems • Organic chemistry
Physics Advanced	• KINEMATICS • Scalars and vectors • Length measurement • Acceleration • Fields and models • DYNAMICS • Newton's laws of motion • Gravity • Circular motion • Kepler's laws of planetary motion • WORK AND ENERGY • Mechanical energy • Conservation of energy • Power and efficiency • Heat energy • WAVES • Energy transfers • Reflection and refraction of waves • Diffraction and interference • Sound waves • LIGHT • Speed of light • Mirrors • Lenses • Models of light

- STATIC ELECTRICITY • Nature of charges • Transfer of charges • Electric fields • Electric potential
- ELECTRIC CURRENTS • Electromotive force • Electron flow • Resistance • Circuits
- MAGNETISM • Fields • Forces • Electromagnetism • Electron beams
- ATOMIC AND NUCLEAR PHYSICS • Electromagnetic radiation • Quantum theory • Nuclear theory • Nuclear reaction
- KINEMATICS TO NUCLEAR PHYSICS • Mechanics • Wave motion • Electricity • Modern physics

More Electives!

Sports Conditioning

Physical activities designed to strengthen muscles, increase agility, improve balance and overall physical health.

Basketball Skills & Drills

Skills and drills exercises designed to improve sportsmanship, learn ball handling techniques and improve goal making.

Dance

This class is designed for ages 14-18 and covers the basics of ballet and jazz, movement and rhythm, and stretching, strengthening and conditioning. Performances to be held in December and May.

Martial Arts

Join us every week for an hour long lesson in self defense taught by our certified Martial Arts Instructor! Uniform required.

Child Development

Love to teach? Join us for a year long journey through the classes needed to obtain your 40 hour introductory certification in Child Development! All classes are taught on site and require testing off site. Ages 15 & up
_Health, Safety and Nutrition (8-hour/0.8 CEUs)
– Child Growth and Development (6-hour/0.6 CEUs)
– Behavioral Observation and Screening (6-hour/0.6 CEUs)
– Identifying and Reporting Child Abuse and Neglect (4-hour/0.4 CEUs)

Child Development Practicum

Put your child development training into practice with this fun weekly one hour practicum! Plan and implement lessons according to state standards, design and conduct sensory activities, art experiences and STEM activities for the tiniest little students! This class is only open to those who have enrolled in our Child Development Elective.

Intro to Criminal Justice

This is a 2 hour class that covers the fundamentals of crime and criminal law, law enforcement, the justice system, and principles of public safety.

Constitutional Law and Debate

This is a 2 hour program designed to teach the Constitutional Amendments and how they pertain to the legal system. This class will also cover the principles of debate, with the final project being a mock trial.

Acting Club

Do you love getting up in front of others and entertaining them? Do you dread public speaking and need a fun way to ease into it? This class covers the basics of stage presence, voice projection, creative communication and speech.

Computer Science

Join us for an awesome class fueled by CODE, an online interactive game lab that allows you to build your own computer game from start to finish. Topics include using creative commands, simple functions, function parameters, looping and random numbers, and making digital scenes.

Middle School Art

High School Art

Math Lab

Need an extra hand working on math lessons? Join us for an hour of small group and one on one sessions to strengthen and reinforce your math skills.

Young Entrepreneurs Club

Ever wonder what it's like to run your own business? In the Young Entrepreneurs Club, you'll work with a team to design and run a business from start to finish! This class teaches everything from business ethics to marketing, statistics, manufacturing and sales. 1 hour.

Photography

Say cheese! Learn the ins and out of the art of photography and editing in this fun class. Subjects include using a professional camera, photoshop techniques, pet photography, nature photography, childrens photography, and building and using props and backdrops for photography.

Mechanics

Join us for a comprehensive tour of everything mechanics! We will be covering everything from maintenance and light repair, to auto ownership, and how cars work. Help your students become confident automotive consumers and educated in purchasing and maintaining a quality vehicle!

Homesteading

A full year of agricultural science that focuses on small farming and self sufficiency for middle and high school students. Students will learn about real-life activities that are associated with modern homesteading. Through the text, budgeting, research, videos, and projects, students will have a better understanding of what it takes to pursue self-sufficiency.

Additionally, in any situation where a person is working with the land, animals, and their neighbors, quality of character is an integral component of life. Students will be given the opportunity to reflect on the character traits that are positively viewed within communities.

Botany

Join us as we venture through the Guest Hollow's Botany Curriculum! Our houses and clothes are made of plant materials. We eat plants. We enjoy their beauty. They provide us with medicines, fuel, perfume, dyes, paper and a variety of other products. They are tied to history and even our future. They are an integral part of our lives!This course is for any student who has a love for nature and plants. It's also perfect as a pre-biology course (or post-biology!). Students will learn the science behind plants and to appreciate the myriad contributions plants make to our lives!

Cooking with Purpose

What's more fun than just cooking? Cooking with a purpose! Join us on this 30 week journey as we learn the ins and out of cooking for a family. From make ahead meal planning, to budgeting for groceries, to planning and preparing meals for crowds and special occasions, this cooking class covers it all! Students completing this course will receive their serve safe certification.

Breadmaking

This course is designed for students to learn to bake together. Students will work together in teams to make rolls and bread, keeping some for themselves and some to share as acts of kindness to the people in our community. Topics cover different recipes, mixing and kneading, making artisan breads, and more.

Music and Choir

Do you have a passion for singing? Do you love music? Join us as we work together on vocals, music writing and performances for friends and family throughout the year. Whether you are new to music, or still learning your way, there is something for everyone in this group!

Small Group Lessons

Join us for guitar essentials and/or percussion essentials to learn all about these beautiful instruments. Topics include the fundamentals of musical instruments, tuning your instruments, and basic chords. Groups are available for beginner to advanced levels.

Curriculum and Sources: LifePac Scope and Sequence (2024)