

FOOTHILLS ACADEMY
LANGUAGE ARTS CURRICULUM (Page 1 of 2)

Sixth Grade (Language Arts/Literature)

This course is designed to integrate English and reading disciplines using a wide range of literature in order to develop knowledge, comprehension, application, analysis, synthesis and evaluation through reading, writing and communication.

- Plot, main ideas, supporting details, summarize
- Characterization, setting, compare and contrast
- Author's purpose, strategies to convince or persuade
- Differentiate fiction, nonfiction and poetry based on their attributes
- Fact and opinion; cause and effect
- Differentiate major and minor characters, draw conclusions

Standards taught: Main ideas, supporting details, cause and effect, summarize, sequence, setting, theme, compare and contrast, standard grammar and usage, paragraph organization, simple, compound, and complex sentences.

Seventh Grade (Literature/Composition)

This course is designed to integrate English and reading disciplines using a wide range of literature in order to develop knowledge, comprehension, application, analysis, synthesis and evaluation through reading, writing and communication.

- Plot, main ideas, supporting details, summary
- Characterization, setting, comparison and contrast
- Author's purpose, strategies to convince or persuade
- The attributes of fiction, nonfiction and poetry
- Fact and opinion; cause and effect
- Major and minor characters, drawing conclusions

Standards taught: Recognize main ideas, supporting details, cause and effect; summarize, sequence, identify setting and theme; compare and contrast; use standard grammar and usage, paragraph organization, simple, compound, and complex sentences

Eighth Grade (English)

This course is designed to expand and integrate English and reading disciplines using a range of literature in order to develop knowledge, comprehension, application, analysis, synthesis and evaluation through reading, writing and communication. Students will strengthen their skills in listening, speaking, writing, literature, and language.

- Make inferences, predictions, summaries for a novel/short story
- Analyze short stories and novels – plot and characterization
- Write a narrative essay
- Write a compare and contrast essay
- Recognize, analyze and evaluate the author's use of poetic and literary devices
- Expand vocabulary

Standards taught: Recognize main ideas, supporting details, cause and effect; summarize, sequence, identify setting and theme; compare and contrast, apply reading strategies, recognize, analyze and evaluate an author's use of literary elements; use standard grammar and usage, sentence structure, and paragraph organization

Ninth Grade (Literature/Composition)

This course uses the 6 Traits writing rubric and the writing process model to develop students' composition skills in a variety of formal academic modes. Literature is used as an example and basis for developing understanding of plot, main ideas, supporting details, summary and literary device with application to writing.

- Summary, paraphrase, use of quoted material
- Comparison/contrast, cause and effect
- Technical writing (resume, cover letter), personal narrative
- Description, argument, persuasion, exposition, literary analysis
- Speech and communication
- Information gathering, information report MLA\
- Research Paper with hypothesis, MLA (usually in conjunction with another department)

Standards taught: sentence structure, grammar, usage, mechanics, transitional devices, parallelism, formal communication, reading strategies, narrative, persuasion, description, exposition, literary evaluation, report, research paper

Tenth Grade (World Literature)

Students in this course will use written language and speaking skills for a variety of purposes and a variety of audiences; they will also apply reading strategies for comprehension, interpretation, and evaluation using a wide range of texts.

- Poetry and comprehensive personal narrative, American novel
- Poetry, observational essay, short stories from around the world, speech
- Poetry, information report, British novel
- Shakespeare
- Literary analysis, memorization, speech to persuade
- Problem solution essay, novels from around the world

Standards taught: Analyze complex texts drawn from world literature, examine the author's use of literary elements and styles, expand writing experiences by experimenting with language forms and genres (e.g. poetry, four modes of writing, and plays), use technology

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LANGUAGE ARTS CURRICULUM (Page 2 of 2)

Eleventh Grade (American Literature)

This course is a survey of American Literature with emphasis on developing college level skills in reading, analysis, evaluation and composition as applied to myth, poetry, essay, short story, drama and novel.

- Early native American myth
- The literature of the colonies and the revolution
- Pre-Civil War American literature
- Eighteenth and nineteenth century literary giants
- Twentieth Century American literature
- Contemporary figures in American literature

Standards taught: Identify and define literary elements; employ a variety of reading strategies; devise, organize, and compose literary analysis; use transitional devices, sentence variety, active/passive voice, parallelism, correct grammar, usage, and mechanics; produce valid visual media analysis; develop persuasion (composition and analysis); understand and apply listening and presentation skills

Standards taught: Literary elements, reading strategies, literary analysis, transitional devices, sentence variety, parallelism, grammar, usage, mechanics, visual media analysis, composition and analysis.

Twelfth Grade (Advanced English/Philosophy)

This writing-intensive course is designed to prepare the student for college-level writing about issues through an investigation of main currents in Western philosophical thought from the founding of the subject in ancient Greece to contemporary studies.

- Basics of philosophical reasoning
- Pre-Socratic philosophers
- Plato, Aristotle, & medieval philosophers
- Locke, Berkeley, Hume
- Aesthetics
- Existentialism and beyond

Standards taught: Use principles of logic in expository writing; research; analyze ethical issues; do multimedia presentations; write analytical responses to literature; develop and support theses through argument

Twelfth Grade (British Literature)

This course is designed to enhance reading and writing skills beyond the study of British literature. Effective techniques acquired in the methodical use of *Adventure in English Literature* and supplementary materials combined with intensive writing will help students in virtually every class they ever take, and in whatever profession they follow when they leave school.

- Study of two Shakespearean plays (beginning and end of year)
- Apply reading strategies for comprehension, interpretation, and evaluation
- Demonstrate proficiency in the 6+1TRAITStm of Writing
- Emphasize the expository essay
- Critical analysis of various genres of British writers
- Research and presentation

FOOTHILLS ACADEMY
MATHEMATICS CURRICULUM (Page 1 of 2)

Sixth Grade (Mathematics)

This course emphasizes the use of numbers in a variety of equivalent forms (integer, decimal, percent, fraction, and exponent), critical thinking and problem solving strategies. The student will learn to think mathematically and make connections between math and the world beyond the classroom.

- Ordering fractions and mixed numbers; fractions, decimals, and percents; factorization; multiple fractions using models; compute solutions; order of operations; real world problems; estimate solutions
- Plots and diagrams; interpret graphs; mean, median, and mode; possible outcomes; probability; vertex-edge graphs
- Number patterns, formulas; symbolize problem situations; solve linear equations
- 2 & 3-dimensional objects; complementary and supplementary angles; circles and spheres; symmetry; reflections and translations; coordinate system; measuring; measuring angles; convert similar units; perimeter and area; scale drawings
- Needed vs. unneeded info; logic problems
- Exploration: projects and labs, journaling, research reports, writing about mathematics, study skills and organization

Standards taught: Number sense and operations; data analysis, probability, and discrete mathematics; patterns, algebra and functions; geometry and measurement; structure and logic

Seventh Grade (Pre-Algebra)

This course builds on concepts learned in sixth grade and emphasizes the use of numbers in a variety of equivalent forms (integer, decimal, percent and exponent), critical thinking and problem solving strategies. The student will learn to think mathematically and make connections between math and the world beyond the classroom.

- Convert fractions and decimals; GCF & LCM; Number lines; rational numbers; compute solutions; scientific notation; order of operations; estimate solutions; real world problems
- Plots and diagrams; mean, median, and mode; probability; vertex-edge graphs
- Number patterns; formulas; symbolize problem solutions; linear equations
- 2 & 3-dimensional objects; elements of geometric figures; congruence; object transformations; measuring; convert non-similar units; coordinate system; perimeter & area; scale drawings
- Needed vs. unneeded information; logic problems

- Exploration: projects and labs, journaling, research reports, Writing about Mathematics, study skills and organization

Standards taught: Number sense and operations; data analysis, probability, and discrete mathematics; patterns, algebra and functions; geometry and measurement; structure and logic

Eighth Grade (Algebra I)

This course is designed as an incremental development of the language of algebra and algebraic concepts with continuing development of basic geometric principals. It emphasizes the use of numbers in a variety of forms, critical thinking skills and problem solving techniques to make connections between math and the real world.

- Real number operations, and variable expressions
- Exponentials, distributive property and algebraic phrases
- Statistics and probability
- Two- and three-dimensional geometric shapes, spatial relationships, symmetry and transformations, inequalities
- Linear functions, polynomials, factoring
- Quadratic functions

Standards taught: Real numbers and subsystems, linear and nonlinear functions, parameter change effects, equations and inequalities, spatial reasoning, problem solving process, quantitative relationships.

Ninth Grade (Geometry)

This course is an axiomatic approach to the study of Euclidian space, shapes and patterns in one, two and three dimensions.

- Point, line, plane, dimensions and coordinates
- Geometric postulates, algebraic postulates
- Logic, deductive and inductive proof
- Angles and general polygon theorems
- Triangles, area, perimeter, similarity, congruence
- Pythagorean Theorem, circle theorems, analytic geometry

Standards taught: Construction of figures, transformations, calculate geometric properties, prove geometric properties, symmetry theorems, vector concepts, general deductive proof, general inductive proof, general indirect proof, represent problem situations

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MATHEMATICS CURRICULUM (Page 2 of 2)

Tenth Grade (Algebra II)

This course is designed for greater levels of mathematical abstraction to cover all areas of advanced algebra as well as more advanced concepts of trigonometry and limit theorems for calculus preparation.

- Functions, exponentials and logarithms
- Sequences, series, variation, factor theory
- Linear systems, matrix algebra, matrix operators
- Rational functions, quadratic functions, conic functions
- Trigonometric definitions, identities, functions, application
- Complex numbers, limits, polynomial theory, fundamental theorem

Standards taught: Model phenomena, graph and solve complex equations, graph and solve linear systems, algebraic operations, trigonometric functions, coordinates and complex number theory

Eleventh Grade (Pre Calculus)

This course is designed to prepare students for greater levels of mathematical abstraction and mathematical application via the treatment of functional limits and instantaneous rates of change.

- Conceptual development, limits, elementary functions, limit theorems
- Delta process, differentiation of elementary and rational functions
- The differential, geometry of curvature, analytic overview
- Differentiation of transcendental functions, trig functions, relative rates of change
- Application to physics, engineering, antidifferentiation, definite integral
- Fundamental theorem, integral application, power series, multivariate calculus

Standards taught: Technical facility, trigonometric equations, limits, tangents, graph analysis, areas under curves, vector transformations, construct proofs

Twelfth Grade (Calculus)

This course is designed to provide greater rigor and theoretical background for the standard calculus class by approaching theory in greater depth and by concentrating on problems in physics and engineering. This course prepares students for taking the Advanced Placement examination.

- Elementary functions, limit theorems, set topology
- Delta process, differentiation of elementary and rational functions
- Differential, curvature, analytic geometry
- Differentiation of transcendental / trig functions, relative rates of change

- Definite and indefinite integrals, applications, analytic methods
- Fundamental theorem, power series, convergence, applications

Standards taught: Technical facility, trigonometric equations, limits, tangents, graph analysis, areas under curves, vector spaces, detailed proof constructions

FOOTHILLS ACADEMY
SCIENCE CURRICULUM (Page 1 of 2)

Sixth Grade (Integrated Science)

The sixth grade science curriculum is an investigation into general science. The course begins with lab safety, scientific tools, measurement, graph/map reading, and the scientific method (including writing formal lab reports). Students will begin investigating the importance of the inclusion of historical perspectives and advances that each new development brings to technology and human knowledge. Students will begin building experiences regarding the impact of science and technology on human activity and the environment. Students will also investigate the basic structures and functions in living systems and explore the organisms in a variety of ecosystems. Time will be spent investigating the transfer of energy in exploring physical science. Students will develop an understanding of structure, processes, and systems of the Earth.

- Comparative Investigations (Science Fair)
- Independent Investigations (Advanced Learning Projects)
- Labs skills
- Science demonstrations skills
- Hypotheses, Inferences, Conclusions (Cooperative Learning)
- Guided Investigations

Standards taught: Inquiry Process (Strand 1), History and the Nature of Science (Strand 2), Science in Personal and Social Perspectives (Strand 3), Life Science (Strand 4), Physical Science (Strand 5), Earth and Space Science (Strand 6)

Seventh Grade (Integrated Science)

The seventh grade science curriculum continues from the "general science topics" of the 6th grade curriculum with an emphasis on conceptual details and some applications of the concepts. The course begins with a review of lab safety, scientific tools, measurement, graph reading, and the scientific method (including writing formal lab reports). Students will describe and analyze the importance of the inclusion of historical perspectives and advances that each new development brings to technology and human knowledge. Students will describe and compare the impact of science and technology on human activity and the environment. Students will investigate and analyze the relationships among various organisms and their environment. Students will develop an understanding of the basic laws, theories, and models that explain the world.

- Comparative Investigations (Science Fair)
- Independent Investigations (Advanced Learning Projects)
- Labs skills
- Science demonstrations skills
- Hypotheses, Inferences, Conclusions (Cooperative Learning)
- Guided Investigations

Standards taught: Inquiry Process (Strand 1), History and the Nature of Science (Strand 2), Science in Personal and Social Perspectives (Strand 3), Life Science (Strand 4), Earth and Space Science (Strand 6)

Eighth Grade (Integrated Science)

The eighth grade science curriculum is a further continuation from 6th and 7th grade curriculums with an emphasis on abstract concepts, analysis and applications of the concepts, and creating experiments and designs to test theories. The course begins with a basic review of lab safety, scientific tools, measurement, graph reading, and the scientific method (including writing formal lab reports). Students will evaluate the importance of the inclusion of historical perspectives and advances that each new development brings to technology and human knowledge. Students will analyze the impact of science and technology on human activity and the environment. Students will also investigate/distinguish/ explain reproduction and heredity among various organisms, and diversity, adaptation, and behavior of organisms in their environment. Students will develop an understanding of the properties and changes in properties in matter as well as describe motion and forces in physical science.

- Comparative Investigations (Science Fair)
- Independent Investigations (Advanced Learning Projects)
- Labs skills
- Science demonstrations skills
- Hypotheses, Inferences, Conclusions (Cooperative Learning)
- Guided Investigations

Standards taught: Inquiry Process (Strand 1), History and the Nature of Science (Strand 2), Science in Personal and Social Perspectives (Strand 3), Life Science (Strand 4), Physical Science (Strand 5)

Ninth Grade (Integrated Science)

This course emphasizes the use of scientific methods, critical thinking skills and problem solving techniques to make connections between science and the real world.

- Integrating chemistry, physics, human biology, earth and space science and math
- The nature of matter and the periodic table
- Chemical reactions and nuclear changes
- Motion, forces, work, energy, heat and temperature
- Waves, electricity
- The human body, including circulation, respiration, and fitness
- The Universe, Planet Earth and the atmosphere

Standards taught: Science as inquiry, history and nature of science, personal and social perspectives in science and technology, life science, physical science, earth & space science

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SCIENCE CURRICULUM (Page 2 of 2)

Tenth Grade (Biology)

Biology is a lab science which gathers, organizes, and interprets information about life and the world of living things. This process, by necessity, will also include examining concepts from the realms of chemistry, mathematics, and geology. From these endeavors students will come closer to understanding and appreciating the complex nature of life.

- Foundations of science (scientific method, scientific measurements, simply biochemistry)
- Cytology (the study of cells and cellular basis of life)
- Taxonomy (a survey of the taxonomic system and the major kingdoms of living things)
- Heredity and genetics (molecular genetics and DNA, genetic principles, genetic diseases)
- Evolution (the modern theories and mechanisms accounting for the changes of life on earth)
- Ecology (the study of the relationships of living things and the environment)

Standards taught: Science as inquiry (scientific process, method, and investigations), history and nature of science (the role of science and technology in modern society and the cultural development of human society), the molecular basis of life, the cellular basis of life, evolution (as a unifying theory in biology), genetics

Eleventh Grade (Chemistry)

Chemistry is a natural science, an activity of humans and not just a collection of facts. This lab course content will include physical chemistry (description of the theoretical basis of the behavior of matter), and analytical chemistry (the composition of substances). The goal of the course is to give students an understanding of the facts and principles of chemistry so that they better understand and deal with the world around them.

- Scientific measurements, problem solving in chemistry, atomic structure
- Chemical nomenclature, writing chemical equations, classifying chemical reactions and writing chemical equations
- Calculating quantities of substances in chemical reactions, the states of matter, gas laws
- Electrons and the atom, chemical periodicity, chemical bonding
- Aqueous solutions, properties of solutions, reaction rates and equilibrium
- Acids and bases, neutralization reactions, oxidation and reduction chemistry

Standards taught: Science as inquiry (scientific method, conducting investigations, analyzing scientific investigations), history and nature of science (relating science, technology, and society), describing, comparing, and measuring matter, relationship between matter and energy in chemical reactions, describing and predicting chemical reactions

Twelfth Grade (Physics)

Physics utilizes observation, measurement, mathematics and logical reasoning to investigate the natural laws governing the manifold interactions of matter and energy throughout the cosmos.

- observation, measurement, graphic analysis, symbolic models
- motion -- its description and prediction
- systems: projectile, orbital, harmonic, damped
- thermodynamics, waves, sound, light
- electricity and magnetism
- special topics: astronomy, nuclear energy, renewable energy, independent project

Standards taught: Information Synthesis, Experimental Research, Phenomenological Patterns, Equilibrium and Chaos, the Scientific Method, Science and Society, Quantitative Analysis, the Laws of Thermodynamics, Causes and Effects of Motion, Symbolic Modeling, Nuclear Energy

FOOTHILLS ACADEMY
SOCIAL STUDIES CURRICULUM (Page 1 of 2)

Sixth Grade (World Geography)

This course introduces students to the principles of human and physical geography. Emphasis will be placed on the five themes of geography: location, movement, place, human/environment interaction, region; the land, climate and vegetation of a country or region; and map making/interpreting skills.

- Overview of human and physical geography, five themes of geography, map skills
- United States, Canada and Mexico
- Latin America and Africa
- Europe and Eurasia
- South and East Asia
- Antarctica and the Pacific World, project

Standards taught: Five themes of geography; use of geographic tools; map skills; concepts of day/night, season and year; compare/contrast regions; cause/effect of movement; effects of human/environment interaction

Seventh Grade (United States History)

This course provides an overview of the history of the United States with a greater emphasis on the American Revolution through Reconstruction.

- The economic and political reasons for the American Revolution; the ideals and events that served as the foundation for the creation of a new national government
- The early development of the new nation and the successes and failures of the reforms during the Age of Jacksonian Democracy
- The aims and impact of western expansionism and the settlement of the United States
- Sectionalism and the Civil War
- The course and consequences of the Civil War and how it divided the American people; the character and lasting consequences of Reconstruction
- The transformation of the American economy and the changing social and political conditions in the United States in response to the Industrial Revolution, expansionism and the United States' expanding role in the world

Standards taught: Reading strategies, identify difference between primary and secondary source, construct timelines, research and interpretation of historical data, recognize cause and effect, analyze and evaluate, communication skills

Eighth Grade (Civics/AZ History)

This course details the American system of government from its foundation, through the Constitution, the branches of government, the role of political parties and the election process; in addition, aspects of Arizona history and government will be highlighted.

- Political philosophies and concepts of government that became the foundation for the United States government
- Concepts of government as expressed in the U.S. Constitution
- A citizen's fundamental constitutional rights; the obligations and responsibilities of citizenship
- The powers granted to the three branches of government and those reserved to the states
- The structure, functions and powers of the Arizona state and local governments and their relationship to the federal government
- The development of Arizona from its early exploration through statehood

Standards taught: Reading strategies, research and interpretation, compare and contrast, analysis and evaluation, problem solving, communication skills

Ninth Grade (Global History)

This course provides an overview of the history of the world with a greater emphasis on the later eighteenth century and beyond.

- Contributions of the ancient civilizations; the political and economic events and the social and geographic characteristics of Medieval European life and its impact on later civilizations
- The Renaissance; its influence on the arts, religion and government in Europe as well as the exploration movement; the changes which evolved throughout the Enlightenment and their lasting effects
- The role of revolution as a means of inducing change
- Patterns of change as imperialism took hold
- The causes and effects of World War I and World War II
- The international developments after WWII and the movement towards global interdependence

Standards taught: Reading strategies, research and interpretation of historical data, cause and effect, compare and contrast, analysis and evaluation, problem solving, communication skills

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SOCIAL STUDIES CURRICULUM (Page 2 of 2)

Tenth Grade (International Relations)

This course provides an introduction to the topic of International Relations - how countries relate to one another, how they work together and how they resolve conflict.

- Explain how a nation's foreign policy is developed, including the influence of geopolitics.
- Identify and evaluate the role of international organizations.
- Trace the development of alliances and assess their role in the world today.
- Describe and appraise the methods of conflict resolution on the international stage.
- Evaluate globalization as a major factor in world affairs.
- Identify and analyze world issues and their significance within the global community.

Standards taught: Reading strategies, Research and interpretation of date, Cause and effect, Compare and contrast, Analysis and evaluation, Problem solving, Communication skills

Eleventh Grade (Arizona/U.S. History)

A study of American History is integral for students to analyze our national experience through time, to recognize the relationships of events and people, and to interpret significant patterns, themes, ideas, beliefs, and turning points in Arizona and American history. Students will be able to apply the lessons of American History to their lives as citizens of the United States.

- Examine primary and secondary sources to explore topics and questions
- Understand geographical, political, economic and cultural characteristics
- Analyze the cause and effects of historical events
- Identify the roots of American constitutional democracy
- Trace the growth and development of America
- Identify current events that shape our nation and the future

Standards taught: Research Skills, Early Civilizations, Exploration and Colonization, Revolution and New Nation, Westward Expansion, Civil War and Reconstruction, Emergence of the Modern US, Great Depression and World War II, Post War US, Contemporary US to the Present

Twelfth Grade (Government/Economics)

The goal of this course is to prepare students to be informed and responsible citizens and to participate in public life. Students will also be able to make reasoned judgments about both personal economic questions and broader questions of economic policy.

- Understand the history and functions of American institutions
- Practice the principles of good citizenship and decision making
- Analyze the influence of globalization on American policy
- Apply basic economic principles to decisions they will make as consumers
- Compare and contrast world economies and political ideologies
- Analyze current issues and policies in political and economic systems

Standards taught: Foundations of Economics, Macroeconomics, Microeconomics, Global Economics, Personal Finance, Foundation, Structure and Function of United States Government, Rights, Roles and Responsibilities of Citizenship, Government Systems of the World

FOOTHILLS ACADEMY
PE/HEALTH CURRICULUM (Page 1 of 2)

Sixth Grade (Health)

This course teaches students about health concepts, illness prevention, effects of lifestyle, influences of the media and stress management.

- Harmful effects of tobacco
- Harmful effects of drugs
- Classifying nutrients
- Media influences
- Seeking health help, stress management
- Health and technology

Standards taught: Influence of drugs, basic nutrients, impacts of the media, information about technology and community health

Seventh Grade (Health)

This course further explores health concepts, illness prevention, effects of lifestyle, influences of the media and stress management, and describes the interrelationship of mental, emotional, social and physical health during adolescence.

- The interaction of body systems, genetics, environment and lifestyle
- Harmful effects of drugs
- Classifying nutrients
- Media influences
- Seeking health help, stress management
- Health and Technology

Standards taught: Influence of drugs, basic nutrients, impact of the media, technology and community health

Eighth Grade (Health)

This course provides students the opportunity to comprehend health related issues. The instruction will help the student to understand the concepts of physical, mental, and social health issues.

- Health promotion and disease prevention
- Professional health services
- Injury prevention
- Media influence
- Interpersonal skills
- Personal health goals and communication of health issues

Standards taught: Health promotion, information, reduction of health risks, media factors, health skills, goal setting, and community health

Sixth Grade (Physical Education)

The course provides students the opportunity to develop physical fitness, character and social traits. The program endeavors to create an atmosphere of relaxation and self-confidence, which will enable the student to become a more effective member of society, physically, mentally, emotionally and socially.

- Variety of movements, dribble and pass, accuracy and force
- Basic principles of training for physical fitness and special activities
- Participation in activities based on individual interest and capabilities
- Improve and maintain muscular strength (endurance, flexibility) and proper body composition
- Practice of rules, procedures, group goals; influence of peer pressure
- Establish goals of engagement in sports, fitness, dance and games

Standards taught: Proficiency and achievement, accuracy and force, locomotor and nonlocomotor skills, principles and concepts of training, accomplishment of personal goals

Seventh Grade (Physical Education)

The course provides students the opportunity to develop physical fitness, character and social traits. The program endeavors to create an atmosphere of relaxation and self-confidence, which will enable the student to become a more effective member of society, physically, mentally, emotionally and socially. This course will help students to demonstrate proficiency and achievement of higher order cognitive skills necessary to enhance motor skills.

- Variety of movements, dribble and pass, accuracy and force
- Basic principles of training for physical fitness and special activities
- Participation in activities based on individual interest and capabilities
- Improve and maintain muscular strength (endurance, flexibility) and proper body composition
- Practice of rules, procedures, group goals; influence of peer pressure
- Establish goals of engagement in sports, fitness, dance and games

Standards taught: Proficiency and achievement, accuracy and force, locomotor and nonlocomotor skills, principles and concepts of training, accomplishment of personal goals

FOOTHILLS ACADEMY
PE/HEALTH CURRICULUM (Page 2 of 2)

Eighth Grade (Physical Education)

This course provides students the opportunity to enhance their physical fitness development. The instruction will help the student contribute to an atmosphere of relaxation, enjoyment, and self-confidence.

- Competence in a variety of movement forms
- Basic principles of training to improve physical fitness
- Physical activities of personal interest
- Basic principles of training to improve or maintain health-related physical fitness
- The social; benefits of participation in physical activity
- Appreciation of physical activities with others regardless of diversity and abilities

Standards taught: Proficiency and achievement, physical activity principles and concepts, physically active lifestyle, fitness, personal and group goals, respect for each other in games and competitions

FOOTHILLS ACADEMY
SPANISH CURRICULUM (Page 1 of 2)

Eighth Grade (Conversational Spanish)

This course is designed to allow students to explore the richness of the Spanish languages. The skills acquired in the course will prepare students for a more in-depth study of Spanish in high school. In all three parts of the course, emphasis will be on oral communications; however, written materials and other media (music, videos, art, etc.) will be used to support the goals of the course. In three languages, students will be able to

- Build considerable vocabularies
- Comprehend and follow basic classroom instructions
- Comprehend the main idea in oral and written conversations on simple and familiar topics
- Express a variety of ideas and topics
- Comprehend and begin to use correct sentence structure

Standards taught: Demonstrate knowledge of the geography and cultures of the Spanish-speaking world, and how they contribute to the multicultural heritage of the United States; use idiomatic expressions in oral and written communication; present understandable written reports and summaries; perform short, student-created skits and scenes; present a brief speech (monologue); retell a story

Ninth Grade (Spanish I)

This course is designed as a beginning Spanish course that emphasizes the development of basic communication skills, knowledge of vocabulary, comprehension of written and oral material, and understanding of cultural celebrations and traditions.

- Greetings and departures, pronunciation, identification of Spanish-speaking countries, basic vocabulary
- Courtesy phrases, expressions, present-tense verb usage, asking and answering questions in Spanish
- Comprehension and usage of self-descriptions, clothing vocabulary development, situational dialogues
- Family vocabulary development, understanding of Hispanic traditions, descriptions of people, places, things
- Food and restaurant vocabulary development, irregular verb usage, expression of likes and dislikes
- Preterit-tense verb usage, domestic vocabulary development, focus on oral language development

Standards taught: Response to simple commands; comprehension of short conversations, recorded material and stories; expression of greetings, likes and dislikes; identification of countries where Spanish is spoken; communication to effectively describe self, others, places, and things; and development of listening, speaking and writing skills in Spanish

Tenth Grade (Spanish II)

This course is an intermediate Spanish course designed to further develop listening, speaking and writing skills; increase ability to communicate effectively, and enhance the understanding of historical and current events in Spanish-speaking countries.

- Pronunciation, preterit and imperfect verb tense use
- Command-form verb use, travel-related vocabulary, idiomatic expressions
- Use of the passive voice, understanding of historical events in Spanish-speaking countries
- Future and present progressive verb use, comprehension of authentic written and oral materials, well-developed descriptions of people, places, things and events
- Use of formal and informal speech, development of reading comprehension skills,
- Development of writing skills, presentation of understandable oral reports

Standards taught: Comprehension of main ideas in oral and written materials, idiomatic expressions, understanding of instructions and commands, exchange of information, stating opinions, presentation of brief monologue, summarizing, identification and discussion of typical behaviors from Hispanic culture, and use of culturally appropriate language and behaviors in formal and informal settings

Eleventh Grade (Spanish III)

This course is an advanced Spanish course designed to further develop listening, speaking and writing skills; increase ability to communicate personal opinions and factual information in Spanish; enhance fluency level; and read, interpret, and analyze authentic written work.

- Verb tenses, vocabulary, pronunciation and accent development
- Use of idiomatic expressions, formal and informal speech
- Cultural understanding, comprehension of humor, supporting opinions
- Comprehension of authentic stories, poems and articles, formal composition
- Poetry interpretation, analytical writing, formal oral presentation
- Creative writing, critiquing, summarizing

Standards taught: Comprehension of authentic materials, use of idiomatic expressions, use of a variety of authentic sources in Spanish, identification of literary masterpieces and authors, discussion and analysis of expressive products of Hispanic culture, presentation of a monologue, identification and comprehension of cultural nuances, written analysis of literary works

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SPANISH CURRICULUM (Page 2 of 2)

Twelfth Grades (Spanish IV)

The independent study Spanish program is designed to help advanced students become skilled readers and writers in Spanish. Students will develop specific styles of writing such as: composition, report, reaction, short story, and poetry. By reading authentic texts, students will increase their knowledge of Spanish vocabulary and raise their level of fluency.

- Comprehension of authentic written communication
- Analysis of principal themes and characteristics of literary text
- Comparison of ideas, people, places and things
- Persuasion and argument
- Identification of the Spanish language's literary masterpieces and authors
- Written reports, essays, and literary projects

Standards taught: Grammar, usage, mechanics, punctuation, literary elements, usage of formal and informal language, interpretation of written communication, composition, analysis, usage of expressions and idioms

FOOTHILLS ACADEMY
ARTS CURRICULUM (Page 1 of 1)

Ninth Grade (Visual Arts) – Required
High School (Visual Arts) – Elective

This course is designed to teach students to create works of art that are well crafted and apply different media, technique and processes to express their ideas and experiences. The course teaches the students to use resource materials and aesthetic perception to compare and identify artists, styles and how art reflects or shapes various cultures. The student will learn about various careers in the visual arts and the attributes necessary to succeed.

- Demonstrate technical ability and skill to complete projects
- Expand knowledge and use of different arts media
- Investigate and sequence multiple visual solutions to a given problem, making revisions and articulating the rationale for the best solutions
- Use subjects, themes and symbols that demonstrate knowledge of contexts, values and aesthetics to communicate intended meaning in their artworks
- Compare and contrast the various purposes for creating art
- Use art elements and the principles of design to describe the effective communication of ideas
- Demonstrate the process and value of critiquing one's own artwork and the artwork of others

Standards Taught: Create artwork demonstrating craftsmanship, use of aesthetic perception, demonstrating visual solutions, communicating intended meaning, use art elements and the principles of design, describe purposes for art, visual arts careers, compare historical and cultural influences, critiquing process

FOOTHILLS ACADEMY
TECHNOLOGY CURRICULUM (Page 1 of 1)

Sixth Grade (Technology)

This course encompasses the tools and strategies for solving problems, using information, increasing productivity and enhancing personal growth. The goal is to help students live, learn and work successfully and responsibly in an increasingly complex, technology-driven society. The technology standards are designed to provide foundational skills and processes that students need in order to work productively and creatively in their studies, at work and at home. It is essential that technology instruction be an integral part of a student's educational experience. (AZ Dept. of Ed.) Students will demonstrate with technology their preparedness/proficiency using Microsoft Office.

- Touch typing: 25 words per minute
- Word processing: formatting and inserting objects
- Presentations: PowerPoint
- Excel: spreadsheets/data bases
- Communications: email and conferencing
- Problem solving and decision making skills

Standards taught: Fundamental Operations and Concepts; Social, Ethical and Human Issues; Technology and Productivity Tools; Technology Communication Tools; Technology Research Tools; Technology is the Tool for Problem Solving and Decision Making

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ELECTIVES CURRICULUM (Page 1 of 2)**Thematic Studies (required for 6th and 7th)**

Students in thematic studies will explore and research various themes and topics. This class is designed to be student centered and to create a learning culture that supports a “competent, self-directed learner”. This class emphasizes the following gifted philosophies: content-process-product activities, project/problem based learning—multiple intelligence research, integrated-thematic instruction—student centered curriculum, inductive-discovery style instruction, depth and breath in curriculum, and emphasis on affective domain vs. cognitive. They will develop greater math skills through “discrete mathematics”, game theory and problem solving strategies. The themes may change throughout the year.

- Olympics/Greek Influence
- Origins/Theories, Future/Space
- Ancient Culture/Pre-Columbians
- Systems/Language/Math/Sciences
- Architecture/Building Big
- Comparative Cultures
- Renaissance/Notable artists

Standards taught: The standards are academic acceleration in a content area, differentiated curriculum, critical thinking skills, problem-solving activities, competitions, and projects, and focused researched inquiry skills

Literary Magazine

This course introduces students to skills beneficial in the writing of prose fiction, poetry, and creative essay.

- Brainstorming methods, overcoming writer’s block, clustering
- Sign and design mind differences, the “trial web shift”
- Recreation, recurrence, language rhythms
- Images metaphor, voice
- Polarity and creative tension
- Brevity and revision; “designing constellations”

Standards taught: Use a variety of reading strategies; apply proficiency in grammar, usage, mechanics; vary sentence structure; use appropriate voice, spelling, punctuation, capitalization; expand abilities in developing multimedia presentation; develop clear story lines with character, setting, plot, dialogue, details; develop a point of view; employ logical sequence; convey a uniform theme and tone; expand writing experiences by experimenting with language, form, and genre; deliver creative and dramatic interpretation of original works

Journalism (School Newspaper and Yearbook)

The journalism course is responsible for the production of publishable products and the adherence to ethical values affecting journalists, while helping students refine and put to practical use their writing, editing, interviewing, page layout, and photography skills.

- Analyze and evaluate the print media
- Practice headline, news, sports, editorial, and feature writing
- Learn page layout using the Aldus PageMaker Program
- Use editing skills, copy reading, and photo editing
- Publish *Scorpion Tales*, the school newspaper, one edition per month
- Produce a high quality yearbook

Standards taught: Use writing appropriate to subject and audience, learn production techniques, utilize editing skills, demonstrate technological literacy, work individually and collaboratively, plan and produce newspaper and yearbook

Foreign Language Support

This course introduces students to a foreign language through an on-line language program. Students will be able to express themselves orally, compose written phrases and sentences, listen and demonstrate understanding, respond to oral, visual, and written stimuli, and demonstrate the language skills necessary to advance in the foreign language.

- Basic vocabulary, pronunciation, questions and answers
- Furniture, clothing, food, animals, body parts
- Numbers, time, math terms, colors, shapes
- Location, directions, geography
- Professions, family
- Culture, history

Standards taught: Comprehend oral and written communication, understand the culture, connect learning to other subjects, compare foreign language and culture to their own, use knowledge within and beyond the school community