

	Language Arts	Mathematics	Social Studies	Science	Art	Music	Computer	Physical Education	Other Programs	Foreign Language
Pre K-3/4	Exploration of language through books, stories, activities, dictation, dramatic play, social conversation, introduction of the alphabet, consonant sounds, pre-writing, and fine motor activities integrated across the curriculum.	Mathematic principles are introduced using manipulatives, shapes, numbers, mathematical vocabulary, activities and books.	Develop an understanding of the uniqueness of individuals and their similarities to others; emphasis on understanding a child's rights and responsibilities as a member of a family, classroom, and peer group; Introduction to cultural diversity. Explored through activities, field trips, books and conversations.	Investigation of child's environment with multi-sensory, hands-on experiences. Units include seasonal changes, basic needs of people, animals, insects, plants, and caring for the environment.	Develop positive self-concept through one's senses; understand the difference between man-made and natural objects; concept of color and shape. Introduced to tools; drawing, painting incorporated into program; teacher coordinates units with classroom curriculum.	Develops early musical skills of rhythm and melody with simple songs and percussion instruments. Musical expression is learned through acting, singing, and dancing to a variety of songs. A performance of these skills is demonstrated in the Grandparent's Day program.	Students have not yet started computer at this grade level.	Basic motor development and physical fitness. Developing hand eye coordination as well as the basic skills of balancing, hopping, and running. Learning how to have good sportsmanship and how to work as a team. Students learn basic stretches as well as different exercise techniques.	Library Resource Center; scheduled library time; special in-house professional performances in visual and performing arts; field trips.	Students have not yet started foreign language study at this grade level.
Pre K-5	Language and prereading program includes auditory discrimination, phonological awareness through a study of the alphabet; print and book awareness, vocabulary, letter knowledge, and early word recognition. Oral and written language expression is emphasized.	Development of basic concepts and skills through the use of manipulatives; concentration on number sense, measurement, geometry, data collection/computational patterns, and relationships. Math activities apply across the curriculum.	Awareness of self and citizenship; historical events as pertaining to famous individuals and their contributions to our country. The children study similarities and differences in cultures; geography (where we live in the world), and economics as it pertains to making choices. Goals are explored through a variety of themes and activities.	Life processes and earth patterns of cycles and change are studied. There is an emphasis on scientific investigation, logic and reasoning. Discovery units include conservation, plants, animals, seasons, "The Chesapeake Bay" studies. Earth/space systems are studied.	Program builds on earlier experiences as motor skills improve; drawing, painting, print making, sculpture and crafts; students learn concepts and skills that will prepare them for kindergarten. Teacher coordinates units with the classroom curriculum.	Expands the skills of EC 3-4 with more difficult lyrics, melodies and rhythms. Body movements are expanded with simple choreography using ribbons and scarves. Melodic instruments are introduced with the aid of color-coded shaped notes. A performance of these skills is demonstrated in the Grandparent's Day program.	Become familiar with the parts of the computer and practice mouse control; build early math skills through mathematical programs; practice reading skills through reading programs; use programs that develop decision-making and logical thinking skills. The program currently being used is called Reading Eggs.	Basic motor development and physical fitness. Developing hand eye coordination as well as the basic skills of balancing, hopping, and running. Learning how to have good sportsmanship and how to work as a team. Students learn basic stretches as well as different exercise techniques.	Library Resource Center; scheduled library time; special in-house professional performances in visual and performing arts; field trips.	Students have not yet started foreign language study at this grade level.

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Kindergarten	Language arts is a multi-sensory program which develops and correlates reading, handwriting, auditory, and oral language skills. It increases manual dexterity and perceptual awareness, as well as an understanding of letters, sounds, and concept of word; all are taught in a thematic and integrated approach to learning. Children work in whole group, small groups, and individually, based on their needs.	Development of concepts and basic arithmetic skills; patterns, classification, graphing, measuring, adding, subtracting, number recognition and number sense. Increase of knowledge in problem solving, basic shapes, and geometric solid shapes, 1/2 fractions, time to the hour, and identifying coin money. Assorted manipulatives are used in instruction	Awareness of the student's place in the larger community; emphasis on following safety rules, developing good character traits, as well as exhibiting good manners at home and school, and participating in community service projects. Basic history is studied through the lives of famous people and holidays; explored through age appropriate activities; and by integrating social studies into other core subjects. Basic geography is studied through letter exchanges with other kindergarten classes across the U.S.A.	Curiosity about the child's world is addressed through a basic study of the environment with units on insects, the seasons, life cycles, and animals and their habitats, as well as plants and measuring and balancing. Science is integrated with other disciplines when appropriate.	Art as a means of self-expression; life skills are incorporated into the program such as following directions, learning to share, working in a group, and cleaning up after oneself; work with assorted materials to develop two-dimensional and three dimensional skills.	Melodic and rhythmic skills are expanded using xylophones and boomwackers. Singing skills are expanded with longer songs, color notes and solfege exercises. Instruments are used to enhance performance and general music vocabulary is introduced. By the end of the year, color note skills are translated into real music notation.	Become familiar with the parts of the computer and practice mouse control; build early math skills through mathematical programs; practice reading skills through reading programs; use programs that develop decision-making and logical thinking skills. The program currently being used is called Reading Eggs.	Basic motor development and physical fitness. Developing hand eye coordination as well as the basic skills of balancing, hopping, and running. Learning how to have good sportsmanship and how to work as a team. Students learn basic stretches as well as different exercise techniques.	Library Resource Center; instruction in library concepts; special in-house professional performances in visual and performing arts; field trips;. Learning Resource Center provides small group and individual instruction in reading, writing and organizational skills.	Students have not yet started foreign language study at this grade level.

	Language Arts	Mathematics	Social Studies	Science	Art	Music	Computer	Physical Education	Other Programs	Foreign Language
1	Basic reading approach to learning; reading, writing, listening, spelling, vocabulary, and written communication are introduced and developed. Whole class, small groups, and individual instruction are incorporated into the program.	Foundation in basic facts (0-20); problem solving; estimating; geometry; interpreting and organizing data; measuring and predicting; applying math to everyday situations.	Awareness of one's self as an individual, family member, and citizen in a larger community; study of holidays, symbols and traditions; study of history through lives of famous Americans; study of the state of Virginia (past and present); the continents, and oceans which are explored through maps, charts, globes, and current events.	A study of the child's everyday world and how science affects it. Topics include senses, human body, grouping objects, sound, light & heat, matter, animals, weather, water cycle, solar system, recycling, and plants.	Introduction of simple art terms and simple color theory; experimentation with various materials, more advanced techniques as motor skills develop; explore sources of inspiration such as nature, constructed environment, imagination, and art from other cultures.	Students continue to learn musical notation using 8 note bells in general music. Rhythm notation is introduced and played on a variety of percussion instruments. Singing and performance skills are expanded in 1-2 Choir. Short musical skits are learned and performed. Riser choreography is used in choir on selected songs to enhance performance.	Become familiar with the parts of the computer and practice mouse control; build early math skills through mathematical programs; practice reading skills through reading programs; use programs that develop decision-making and logical thinking skills. The program currently being used is called Reading Eggs.	Basic motor development, and physical fitness. Learning how to work as a team and have good sportsmanship. Learning basic rules of different sports while playing the sport in units. Units being studied are soccer, field hockey, volleyball, flag football, basketball, martial arts, dance, orienteering, lacrosse, tennis, and softball. Students warm up in squad lines teaching uniformity. They do a stretching routine and then a run to warm up. Basic skill developments include hand eye coordination and balance.	Library Resource Center; instruction in library concepts, AR testing; special in-house professional performances in visual and performing arts; field trips; Learning Resource Center provides small group and individual instruction in reading, writing and organizational skills.	First grade through fifth grade: Basic everyday Spanish is taught once a week with vocabulary appropriate to age/grade level; thematic units are used to introduce vocabulary; games, songs, stories, and art activities supplement learning; cultural experiences add interest. Early emphasis on the oral aspect of learning with a gradual focus on grammar and spelling at the fifth grade level.

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2	Balance of phonics and whole language instruction; students see the connection between reading, writing, spelling, critical thinking, listening, and speaking; writing process is introduced and is an integral part of the program.	Development of concepts and basic arithmetic skills through the use of manipulatives; place value; regrouping of units of ten; borrowing in subtraction; fractions; basic geometry; telling time; money values; multiplication; intro of division; graphing, measurement.	Study of family expanded to neighborhood, community, state, region, nation, and the world. Explored through field trips, films, projects, and map studies.	Introduction to scientific concepts through four thematic blocks: the study of life science including plants, animals, and fossils; the study of physical science, including matter, sound, heat, light, force, magnets, and electricity; earth science which includes the earth, weather, seasons, and the solar system; the study of the human body and good health habits. Experiments, field trips, and projects enhance the program.	Expansion of art vocabulary and terms; exploration of different styles of art through a variety of projects using an assortment of mediums; introduction to different cultures.	Musical notation and rhythm skills are expanded in general music. Students learn to write notes and name them. Rhythm exercises are introduced and learned with clapping and percussive instruments. Melody reading continues with more 8 note bell instruction. Choir 1-2 reinforces the performance goals from first grade.	Develop more complex computer skills through programs known as Reading Eggs and Type to Learn. Reading Eggs emphasizes reading and mathematics through a rigorous game like program. Students learn how to work more independently as well as make their own corrections. Type to Learn is a program focusing on typing skills. Students learn how to type using their home keys. Emphasis is on correctness and speed.	Basic motor development, and physical fitness. Learning how to work as a team and have good sportsmanship. Learning basic rules of different sports while playing the sport in units. Units being studied are soccer, field hockey, volleyball, flag football, basketball, martial arts, dance, orienteering, lacrosse, tennis, and softball. Students warm up in squad lines teaching uniformity. They do a stretch routine and then a run to warm up. Basic skill developments include hand eye coordination and balance.	Library Resource Center; instruction in library concepts, AR testing; special in-house professional performances in visual and performing arts; field trips; multiage enrichment in the areas of science, computer, language arts, and social studies; LRC.	First grade through fifth grade: Basic everyday Spanish is taught once a week with vocabulary appropriate to age/grade level; thematic units are used to introduce vocabulary; games, songs, stories, and art activities supplement learning; cultural experiences add interest. Early emphasis on the oral aspect of learning with a gradual focus on grammar and spelling at the fifth grade level.

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3	Reading program based on novel studies; including listening skills, vocabulary building, comprehension strategies, phonics, poetry reading, creative writing; grammar, mechanics, spelling, cursive writing.	Development of concepts, skills, and their application; fractions and mixed numbers; divisibility rules; whole number computation; decimals; geometry; problem solving strategies, estimation, probability and statistics.	Survey of the seven geographic regions of the United States. Explored through writing journals, designing creative projects, examining current events, going on field trips, making & using maps, charts, graphs, and time lines.	Exploration of the life cycles of animals and plants through observation, experiments, and research; comparison of Earth with other planets and satellites; study of motion and energy; our water system.	Introduction to art history through a study of major artists and their styles; more diversity in materials used in drawing, painting, printmaking, clay and crafts. The art program is integrated into other disciplines whenever possible.	This year is transitional in general music as we make a step toward using sheet music to sing and play instruments. Our musical vocabulary is established. (ie: forte means loud) Musical harmony is expanded from canon/round to two part harmony and descant. Complex melodies and modalities are introduced and related to world music history. Singing and performing standards are expanded in the 3-4-5 choir, and musical performance is more challenging.	Develop more complex computer skills through programs known as Reading Eggs and Type to Learn. Reading Eggs emphasizes reading and mathematics through a rigorous game like program. Students learn how to work more independently as well as make their own corrections. Type to Learn is a program focusing on typing skills. Students learn how to type using their home keys. Emphasis is on correctness and speed.	Basic motor development and physical fitness. Learning how to work as a team and have good sportsmanship. Learning basic rules of different sports while playing the sport in units. Units being studied are soccer, field hockey, volleyball, flag football, basketball, martial arts, dance, orienteering, lacrosse, tennis, and softball. Students warm up in squad lines teaching uniformity. They do a stretch routine and then a run to warm up. Basic skill developments include hand eye coordination and balance.	Multi-age enrichment in the areas of science, computer, language arts and social studies. Library Resouce Center, library skills instruction, silent reading period and AR testing; in-house professional performances; field trips; Learning Resource Center.	First grade through fifth grade: Basic everyday Spanish is taught once a week with vocabulary appropriate to age/grade level; thematic units are used to introduce vocabulary; games, songs, stories, and art activities supplement learning; cultural experiences add interest. Early emphasis on the oral aspect of learning with a gradual focus on grammar and spelling at the fifth grade level.

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4	Emphasis on more complex elements of comprehension, such as drawing inferences; novel studies; grammar, writing, spelling, and vocabulary.	Reinforces concepts and skills taught in previous grades; builds on addition and subtraction patterns and sequences, multiplying and dividing by 1 and 2 digit divisors, introduces addition, subtraction, and multiplication of fractions and mixed numbers as well as decimals through instruction of place value; strong emphasis on critical thinking skills and problem solving;	An in-depth study of Virginia and its history, geography, major historic attractions, government, and current events. Explored through map study, projects, and a variety of field trips. The social studies program is very closely integrated with the language arts program whenever possible	Studies in life science incorporate plant and animal structure and functions and ecosystems; physical science units include the study of matter, force and motion, light and sound, electricity and magnetism; a comprehensive study of the makeup of the earth and weather systems along with study of the solar system and oceans.	Concept of how elements and principles of design are found in famous works of art in students' art; see art's relationship to our history and culture and to other cultures. The art program is integrated into other disciplines whenever possible	Recorder is introduced in general music as an opportunity to master a melodic instrument. This preparation lays the foundation for the orchestra opportunities in middle and high school. Students follow a conductor, read multiple musical lines and play in different modalities. Chord theory is introduced. Music history is introduced with folk music, classical through modern styles, and themes by famous composers. Singing these tunes is reinforced in choir, and performance skills are expanded through musical expression in a variety of musical styles.	Practice typing skills; develop research techniques; learn basic word processing skills; prepare reports, presentations, and projects; use spreadsheets, bar graphs, and data tables; practice and strengthen math skills; use CD ROMs for research.	Basic motor development and physical fitness. Learning how to work as a team and have good sportsmanship. Learning basic rules of different sports while playing the sport in units. Units being studied are soccer, field hockey, volleyball, flag football, basketball, martial arts, dance, orienteering, lacrosse, tennis, and softball. Students warm up in squad lines teaching uniformity. They do a stretch routine and then a run to warm up. Basic skill developments include hand eye coordination and balance.	Multi-age enrichment in the areas of science, computer, language arts and social studies; Library Resouce Center, library skills instruction, silent reading period and AR testing; in-house professional performances; field trips, Learning Resource Center; Friends of Other Languages; study skills.	First grade through fifth grade: Basic everyday Spanish is taught once a week with vocabulary appropriate to age/grade level; thematic units are used to introduce vocabulary; games, songs, stories, and art activities supplement learning; cultural experiences add interest. Early emphasis on the oral aspect of learning with a gradual focus on grammar and spelling at the fifth grade level."

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5	Reading, writing, vocab, grammar, spelling, and literature; program expands skills and concepts from 4th grade; reading is a separate subject; grammar, spelling and vocabulary; emphasis on writing with regular assignments that are often combined with social studies.	Promotes mastery of basic skills of addition, subtract., multiplication, and division; mental arithmetic, paper and pencil algorithms, and calculation are all used to solve problems; problem-solving techniques and logical thinking; place value; decimals; order of operations; geometry; prealgebra concepts; study of fractions is expanded.	Study of first half of U.S. History, including Earliest/Native Americans; explorers; colonies; American Revolution; the New Nation and its government; and the Jeffersonian Era through projects, field trips, map study, current events, and topics of special interest.	Life Science unit including living things, reproduction, adaptations, ecology; Physical Science unit including matter, motion, forms of energy; Earth Science unit including climate, astronomy, geology, resources; Human Body unit including body systems and healthy lifestyle; introduction to laboratory skills that reinforce class concepts.	Concept of how elements and principles of design are found in famous works of art in students' art; see art's relationship to our history and culture and to other cultures. The art program is integrated into other disciplines whenever possible.	Recorder instruction continues with emphasis on more difficult skills. Sight reading is learned, and musical theory skills are related to keyboard skills. Two and three part music is presented on multiple staves. Three part music is introduced at this stage. In choir, singing and performance skills reinforce the music history lessons. Fifth grade boys begin to sing in the bass clef in the baritone range. The fifth grade begins to learn the foundations for a two and three part choir and a bell choir and percussion ensemble.	Practice typing skills; develop research techniques; learn basic word processing skills; prepare reports, presentations, and projects; use spreadsheets, bar graphs, and data tables; practice and strengthen math skills; use CD ROMs for research.	Basic motor development, and physical fitness. Learning how to work as a team and have good sportsmanship. Learning basic rules of different sports while playing the sport in units. Units being studied are soccer, field hockey, volleyball, flag football, basketball, martial arts, dance, orienteering, lacrosse, tennis, and softball. Students warm up in squad lines teaching uniformity. They do a stretch routine and then a run to warm up. Basic skill developments include hand eye coordination and balance.	Multi-age enrichment in the areas of science, computer, language arts and social studies; Library Resource Center, library skills instruction, silent reading period, AR testing; in-house professional performances; field trips; Learning Resource Center; Friends of Other Languages; study skills.	First grade through fifth grade: Basic everyday Spanish is taught once a week with vocabulary appropriate to age/grade level; thematic units are used to introduce vocabulary; games, songs, stories, and art activities supplement learning; cultural experiences add interest. Early emphasis on the oral aspect of learning with a gradual focus on grammar and spelling at the fifth grade level.

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6	<p>Focus on grammar, vocabulary, and writing, from paragraph to well-developed composition; expository and creative writing activities inspired by literature exploration, life experiences, and teacher prompts; formal research paper; careful reading and analysis of American literature, including literary excerpts, short stories, plays, poetry, non-fiction, and Newbery Award winning novels; interdisciplinary Civil Rights unit; weekly writing lab; classroom paperback library for academic and pleasure reading</p>	<p>Pre-Algebra: The course is designed for students to master algebraic expressions and integers and to begin solving and graphing linear equations and inequalities. Geometric concepts will be introduced which will include right triangles and trigonometry. The course will conclude with data analysis and probability. Quarterly based projects will provide students with a better understanding of math in the real world. The use of the TI-83 graphing calculator enhances concepts through visual presentation.</p>	<p>A study of the second half of U.S. history from political, economic, and social perspectives. Course covers the Jacksonian Era through the American Civil War. A supplemental interdisciplinary unit about the Civil Rights Movement is included. Explored through a chronological thematic approach and integrates social studies and critical thinking skills. Study includes writing, map study, primary source analysis, projects, and field trips.</p>	<p>Survey of science: experimental design and the scientific method, major kingdoms of organisms, elementary chemistry, meteorology, environmental studies, and astronomy.</p>	<p>Develop individual art skills in drawing, painting, and crafts; use and understand art terms; recognize major styles and periods in art history; use art as a means of self-expression; understand color theory in a variety of student projects as well as in famous works of art.</p>	<p>Sixth grade general music includes vocal music singing in three parts and instrumental ensemble work in a bell choir. More advanced rhythm patterns are introduced along with more complex music forms. Sixth graders are introduced to music history in Music Appreciation.</p>	<p>Continued practice of typing skills; additional experiences in using reference CD ROMs for research; word processing and spreadsheet skills integrated into classroom assignments; create a web page on the internet.</p>	<p>Basic motor development, and physical fitness. Learning how to work as a team and have good sportsmanship. Learning basic rules of different sports while playing the sport in units. Units being studied are soccer, field hockey, volleyball, flag football, basketball, martial arts, dance, orienteering, lacrosse, tennis, and softball. Students warm up in squad lines teaching uniformity. They do a stretch routine and then a run to warm up. Basic skill developments include hand eye coordination and balance. Health: Students will learn the different sides of health triangle including mental, emotional, and physical health. They will learn how to maintain a healthy lifestyle and the importance of proper hygiene. Students will learn and study the food pyramid as well as the different nutritional needs to maintain health. Students will learn about abstinence and the importance of saying no to harmful behavior.</p>	<p>In-house professional performances; field trips; variety of guest speakers; High School Night; study hall; drama class; Talent Identification Program; Friday clubs; Teen Club; community service opportunities; character education; Student Advisory; Big Brother/Sister Program; culinary arts class; Library Resource Center; AR testing</p>	<p>Units are used to introduce Latin vocabulary and their English derivatives. Basic English grammar is taught to determine the cases Latin nouns are designated for in sentences. 1st, 2nd, and 3rd declension nouns and 1st-4th conjugation verbs along with present, future, and imperfect tenses are covered. Translation from Latin to English and vice versa is emphasized.</p>

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7	<p>Focus on grammar, vocabulary, and writing, from multiple paragraph essays to well-developed compositions; expository and creative writing activities inspired by literature exploration, life experiences, and teacher prompts; formal interdisciplinary research paper; careful reading and analysis of Greek and Norse mythology; weekly writing lab; classroom paperback library for academic and pleasure reading.</p>	<p>Algebra 1/2 (Part 1): The first half of a two year course designed for students to master expressions and equations with a strong emphasis on analyzing, solving and graphing linear equations, functions, and inequalities. The course will conclude with solving and graphing systems of linear equations and inequalities. Interactive projects with each unit will enhance students understanding of learned concepts. Algebra 1: A one year course designed to be challenging with a strong emphasis on problem solving, solving equations, and the explanation of the reassigning behind algebraic concepts. Special projects show the relevance of math to the real world applications. The computer and TI-84 calculator are employed to enhance visual understanding of concepts.</p>	<p>Study of the world's major geographic regions, including physical geography, history, government and politics, in addition to societal, economic, and cultural elements. A supplementary unit on the United Nations is included. Emphasis is placed on current events and problems. Explored by writing, vocabulary, note taking, classification, problem solving, critical thinking, and map/globe study.</p>	<p>Life Science: experimental design and the scientific method, Chesapeake Bay ecology, basic cell structure and function, biochemistry, human systems, genetics, selected topics for debate, field studies, and restoration projects.</p>	<p>Expand concepts learned in sixth grade; focus on a variety of crafts and three-dimensional projects; reinforcement of the elements of design and color theory; exploration of the importance of art in culture and crafts of other countries.</p>	<p>Seventh grade general music includes instruction on keyboard instruments.</p>	<p>Continued practice of typing skills; additional experiences in using reference CD ROMs for research; word processing and spreadsheet skills integrated into classroom assignments; create a web page on the internet.</p>	<p>Basic motor development, and physical fitness. Learning how to work as a team and have good sportsmanship. Learning basic rules of different sports while playing the sport in units. Units being studied are soccer, field hockey, volleyball, flag football, basketball, martial arts, dance, orienteering, lacrosse, tennis, and softball. Students warm up in squad lines teaching uniformity. They do a stretch routine and then a run to warm up. Basic skill developments include hand eye coordination and balance. Health: Students will learn the different sides of health triangle including mental, emotional, and physical health. They will learn how to maintain a healthy lifestyle and the importance of proper hygiene. Students will learn and study the food pyramid as well as the different nutritional needs to maintain health. Students will learn about abstinence and the importance of saying no to harmful behavior.</p>	<p>In-house professional performances; field trips; variety of guest speakers; High School Night; study hall; drama class; Talent Identification Program; Friday clubs; Teen Club; community service opportunities; character education; Student Advisory; Big Brother/Sister Program; Washington, DC trip; Library Resource Center; AR testing</p>	<p>Seventh grade through eighth grade: 2-year Spanish I course for high school credit. Course includes oral, aural, reading and language study. Points of cultural interest increase awareness of cultural differences.</p>

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8	<p>Focus on grammar, vocabulary, and writing, with emphasis on fine-tuning the well-developed composition; expository and creative writing activities inspired by literature exploration, life experiences, and teacher prompts; formal interdisciplinary multimedia research project; concentrated literary study and analysis of literary elements, detective mystery novel, Shakespeare, and American classic novels; classroom paperback library for academic and pleasure reading.</p>	<p>Algebra 1 (Part 2): The second half of a two year course designed for students to master polynomial and nonlinear functions, radical and rational functions, and data analysis. The course will conclude with students' mastering skills in geometric concepts which will include right triangle trigonometry, area, and volume of 2- and 3-D figures. Interactive projects with each unit will enhance students' understanding of learned concepts. Geometry: A comprehensive course that will emphasize and integrate logical reasoning and spatial visualization with an emphasis on theory, proofs, algebraic applications, reasoning, symbolic and visual thinking, and coordinate geometry. The use of constructions and interactive projects will enhance understanding of theorems and concepts learned throughout the course.</p>	<p>Study of early civilizations including Mesopotamia, Egypt, India, China, Japan, Greece, Rome, and civilizations of Africa; also includes the Middle Ages, Renaissance Era, and study of world religions. Explored through a chronological & thematic approach that integrates social studies and critical thinking skills. Study includes writing, map study, primary source analysis, projects, and field trips.</p>	<p>Physical Science: hands-on experience with the laws that govern the physical world. Studies in the basic theories of physics and chemistry as well as the practical application of mathematical concepts; expanded experience with the scientific method.</p>	<p>Brings together visual arts and crafts; emphasis on art history and in understanding art as part of everyday life; appreciation of art in culture and its importance to our future. The art program is integrated with projects and programs in other disciplines.</p>	<p>Culmination of skills and concepts learned; preparation for musical experience in high school; opportunity to sing in chorus; music teacher works with drama class to afford opportunities in the performing arts.</p>	<p>Practice typing skills; use knowledge of research techniques across the curriculum; use word processing and spreadsheet skills for scientific data organization and graphing; publish school yearbook, manage financial info, create graphic ads, type text.</p>	<p>Basic motor development, and physical fitness. Learning how to work as a team and have good sportsmanship. Learning basic rules of different sports while playing the sport in units. Units being studied are soccer, field hockey, volleyball, flag football, basketball, martial arts, dance, orienteering, lacrosse, tennis, and softball. Students warm up in squad lines teaching uniformity. They do a stretch routine and then a run to warm up. Basic skill developments include hand eye coordination and balance. Health: Students will learn the different sides of health triangle including mental, emotional, and physical health. They will learn how to maintain a healthy lifestyle and the importance of proper hygiene. Students will learn and study the food pyramid as well as the different nutritional needs to maintain health. Students will learn about abstinence and the importance of saying no to harmful behavior.</p>	<p>In-house professional performances, field trips, variety of guest speakers, High School Night, Talent Identification Program, Friday clubs, Teen Club, community service opportunities, character education, Big Brother/Sister Program, Student Advisory, public speaking class, New York trip; Library Resource Center; AR testing</p>	<p>Seventh grade through eighth grade: 2-year Spanish I course for high school credit. Course includes oral, aural, reading and language study. Points of cultural interest increase awareness of cultural differences.</p>