

LOWER SCHOOL CURRICULUM

	LANGUAGE ARTS	MATHEMATICS	SOCIAL STUDIES	SCIENCE	ART	MUSIC	COMPUTERS	PHYSICAL EDUCATION	OTHER PROGRAMS
EC 3	Emphasis on language development through picture drawing, dictation, dramatic play, discussion, stories, and songs; integrated across the curriculum.	Development of skills and basic concepts of math used in child's everyday life; manipulatives provide "hands-on" learning.	Awareness 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 unit and classroom peer group; cultural diversity. Explored through activities.	Investigation of child's environment with multi-sensory, hands-on experiences. Units include seasonal changes, basic needs of people, animals, and 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.	Free movements to a wide range of music; movement and rhythm with jumping, skipping, galloping, and running; singing of simple songs.		Basic motor development, physical fitness, and sportsmanship; increasing skill development from simple to complex.	Library Resource Center; scheduled library time; special in-house professional performances in visual and performing arts; field trips.
EC 4	Language development and reading readiness are promoted through conversation, listening skills, and writing readiness activities; exposure to alphabet and consonant sounds; integrated across the curriculum.	Math readiness skills through the use of manipulatives, activities, and math vocabulary; integrated across the curriculum.	Awareness of one's self as a member of a family, classroom, and a school community; recognition of the responsibility for one's actions as a group member. Explored through a variety of themes and activities.	Exploration of life science with emphasis on the common needs of humans, animals, and plants; the importance of caring for the environment. Thematic and interdisciplinary units are used.	Continue to explore color and shape through a variety of materials; learn to express thoughts and feeling through art; introduced to tools; crafts; drawing, painting incorporated into the program; teacher coordinates units with the classroom curriculum.	Singing and listening to music; response to musical beat; rhythm instruments and sticks are used with musical recordings of various meter, style, and tonality; practice for Grandparents' Day teaches performance skills; teacher coordinates units with classroom curriculum.		Basic motor development, physical fitness, and sportsmanship; increasing skill development from simple to complex.	Library Resource Center; scheduled library time; special in-house professional performances in visual and performing arts; field trips.
EC 5	Language and pre-reading program includes auditory discrimination, instructional language, oral directions, listening, sequencing, oral language development, vocabulary, categorizing, oral context, and exposure to the alphabet.	Development of basic concepts and skills through the use of manipulatives and classroom activities.	Awareness of self as an individual and group member; the importance of holidays; the lives of famous people and their contribution to our country. Explored through a variety of themes and activities.	Discovery through hands-on activities and whole language units. Conservation, waste management, plants and animals, and the seasons are explored.	Program builds on earlier experiences as motor skills improve; crafts, drawing, painting, and print making; students learn concepts and skills that will prepare them for Kindergarten.	Singing various types of songs, using voice appropriately; play instruments with greater sense of rhythm as motor skills develop; drama experience through preparation for Grandparents' Day in the fall.		Basic motor development, physical fitness, and sportsmanship; increasing skill development from simple to complex.	Library Resource Center; scheduled library time; special in-house professional performances in visual and performing arts; field trips.
K	Multi-sensory program develops and correlates reading, handwriting, auditory, and oral language skills; manual dexterity, perceptual awareness, and an understanding of letters and sounds are included in a thematic, integrated approach to learning.	Development of concepts and basic arithmetic skills; assorted manipulatives are used; patterns; classification; graphing; measuring; adding and subtracting; number recognition; problem solving.	Awareness of the student's place in a larger community; the importance of following good health and safety rules; a study of basic geography and history through the lives of famous people and holidays. Explored through activities, field trips, and by integrating social studies into other disciplines.	Curiosity about the child's world addressed through a basic of study of the environment with the units on the seasons, life cycles, animal habitat, and the Chesapeake Bay; introduction to the planets. Science is integrated with other disciplines whenever possible.	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.	Expansion of the concepts and skills from early childhood experiences in singing, playing instruments, dance, drama, and listening; Grandparent's Day gives children a chance to "shine" through an experience in performing arts.	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.	Basic motor development, physical fitness, and sportsmanship; increasing skill development from simple to complex. Health Education topics include hygiene, safety, dental health, and building self-esteem.	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.
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 a family member and a citizen in a larger community; holidays, symbols, and traditions. Explored through maps, charts, globes, current events, and through thematic units that integrate social studies into other disciplines.	A study of the child's everyday world and how science affects it. Topics include animals and plants, land, water, and air. Integrate science with other disciplines whenever possible.	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, decoration, and art from other cultures.	Identify and demonstrate the concepts of pitch, rhythm, tempo, and dynamics; encouraged to move to a variety of musical styles; use rhythm instruments to express individual sense of rhythm; prepare for a Christmas 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.	Basic motor development, physical fitness, and sportsmanship; increasing skill development from simple to complex. Health Education topics include hygiene, safety, dental health, and building self-esteem.	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.
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 subtr.; fractions; basic geometry; telling time; money values; mult.; intro of div.; 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: plants and animals, our earth's air and water, sun and weather, and differences in living and non-living organisms. 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, introduction to different cultures.	Identify notes on the musical staff; identify musical notation signs; understanding of AB and ABA form; learn orchestral instruments; understand tone color; Christmas program offers an opportunity for children to display talent.	Use simple graphics to create original drawings with multimedia tools, develop scientific data, and produce animated stories, collages, school reports, and presentations; use math programs to strengthen skills and develop problem-solving strategies.	Basic motor development, physical fitness, and sportsmanship; increasing skill development from simple to complex. Health Education topics include hygiene, safety, dental health, and building self-esteem.	Library Resource Center; instruction in library concepts; special in-house professional performances in visual and performing arts; field trips; multi-age enrichment in the areas of science, computer, language arts, and social studies; LRC.