

Social
Development

Children use good verbal skills to solve problems express opinions and work and play in a cooperative atmosphere.

Limits of the classroom are established by the children and are therefore followed in a cooperative manner.

Work
Habits

Children can choose challenging work and carry it out independently, asking for help when needed from an adult or a fellow classmate. Children can choose to work alone or in cooperative groups.

Children understand that while they are required to complete a core curriculum, they are free to pursue it in individual and imaginative ways following their inner drive for gaining knowledge.

Intellectual SkillsLanguage
Word
Analysis

Students understand the basic features of reading. They translate letter patterns into spoken language by using the sounds of letter combinations, word parts and syllables. They apply this knowledge to achieve fluent oral and silent reading.

Students enter first grade usually reading on at least a sentence level. They increase their fluency by reading level-appropriate material across the entire curriculum. Students study parts of speech and syntax in depth, developing a strong understanding of the structure and patterns of the English language.

Reading

<u>Reading Comprehension</u>	Students read and understand grade level appropriate material from both fiction and non-fiction sources. They use a variety of reading strategies (generating and responding to questions, making predictions, comparing information from several sources) to monitor the understanding of the text.	Students read and understand grade level appropriate material from both fiction and non-fiction sources. They use a variety of reading strategies (generating and responding to questions, making predictions, comparing information from several sources) to monitor the understanding of the text.
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Literary Response and Analysis

	Students read significant works of literature to determine characteristics of different forms of writing (e.g. stories, fairy tales.) Students understand literary elements (theme, plot, setting, characters.)	Students read and are read literature from many genres including fiction, non-fiction, poetry and drama, and understand the literary elements of each. Children know how to analyze literature using parts of speech and sentence analysis to discover styles and characteristics of the different authors.
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Writing

<u>Strategies</u>	Students progress through the stages of the writing process (pre-writing, drafting, revising/editing and publishing) to write clear and coherent sentences and paragraphs that develop a central idea.	Students progress through the stages of the writing process (pre-writing, drafting, revising/editing and publishing) to write clear and coherent sentences and paragraphs that develop a central idea.
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Writing Applications

	Students write compositions that describe and explain familiar objects, events and experiences. Student writing demonstrates a command of standard American English and drafting, research and organizational strategies outlined above.	Students write compositions about life and class experiences, following their interests and depth of understanding of the entire integrated curriculum. Student writing demonstrates a command of standard American English and drafting, research and organizational strategies outlined above.
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<u>Written and Oral Language Conventions</u>	Students write and speak with a command of standard English conventions appropriate to this grade level.	Students write and speak with a command of standard English conventions appropriate to this grade level.
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Math

<u>Number Sense</u>	Students use and understand numbers up to 100. They demonstrate the meaning of addition and subtraction and use these operations to solve problems. Students use estimation strategies in computation and problem solving that involve numbers that use the ones, tens and hundreds places.	Students use and understand numbers up to 1,000,000. They demonstrate the meaning of addition, subtraction, multiplication and division and use these operations to solve problems, beginning with concrete material and working toward abstraction. Students learn fractions and use them to perform simple operations.
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<u>Algebra and Functions</u>	Students use number sentences with appropriate symbols (+, -, =) to solve problems.	Students use number sentences with appropriate symbols (+, -, x, ÷, =) to solve problems.
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<u>Measurement and Geometry</u>	Students compare objects and use a variety of approaches to describe the measurement of objects. Students identify common geometric figures, classify them by common attributes and describe their location.	Students learn measurement through establishing a variety of units of measure and then using the appropriate unit to explore measuring the environment. In geometry, students work with the concept of congruence, similarity and equivalence. They explore the concept and nomenclature of polygons, angles and lines.
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<u>Statistics, Data Analysis And Probability</u>	Students organize, represent and compare data by category on simple graphs and charts. Students sort objects and create and describe pattern by numbers, shapes, sizes, rhythms or colors.	Students learn to compile data based on surveys of classmates or environment following subjects of their interest. They then learn to analyze their data by creating a variety of charts and graphs.
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Mathematical Reasoning

Students make decisions about how to set up a mathematical problem. They solve problems and justify their reasoning.

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Geography

Students learn from a series of physical and political geography maps covering a wide variety of subjects. Students study the coming about of the universe, the solar system and the composition of the earth. They are introduced to various experiments illustrating these concepts along with states of matter. Students study the relationship between the sun and the earth, the work of air and the work of water.

Biology

Students study how animal and plant life came to be on the earth, how it developed and changed into what we know as the animal and plant kingdoms of today. They study the needs of plants and animals, and beginning classification. Students study the parts and functions of all parts of plants.

History

Students learn about the passage of time by studying calendars and clocks. They study the coming of humans to the earth, how they met their needs, advanced and formed civilizations. They study the concept of pre-writing civilizations and those with a written language, how they were the same and how writing changed them. They study various civilizations throughout time to illustrate this concept along with comparative agriculture, manufacturing and transportation.

Music

Students study music theory including notation, transposition of keys, and composition using the tone bars. We make music every day and enjoy rhythm and movement exercises.

Art

Students are exposed to a wide variety of art mediums and are encouraged to use them across the curriculum to beautify their work and to satisfy their inner need to create.