



Milford Elementary School

Kindergarten

Curriculum Outline



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All About Kindergarten

Kindergarten is a time of rapid growth and development. Activities are interdisciplinary and are designed to help your child participate and progress in social, emotional and physical areas.

The kindergarten curriculum is carefully designed to provide opportunities for your child to reach the following goals:

- to share and cooperate in work and play
- to develop friendships with peers
- to adapt comfortably to independent as well as group activities
- to develop good listening and skills for following directions
- to take responsibility for one's own words and actions
- to communicate more freely and effectively with classmates and teachers
- to achieve readiness for academic growth

Language Arts

Story Comprehension:

- Make predictions
- Make inferences
- Draw conclusions
- Note story elements: topic, main idea, setting, character, story, plot
- Sequence story

Phonemic Awareness:

- Letter names, upper and lower case
- Letter sounds
- Initial sounds in words
- Ending sounds in words
- Rhyming words

Reading:

- Concepts About Print
- Identify high frequency words (I, see, the, a, my, to, we)
- Simple stories
- Environmental print
- Exploring genres of literature

Writing:

- Begin the practice of writing
- Illustrate stories to demonstrate the understanding of sequential order
- Dictate their thoughts in a sequential order
- Write group experience stories
- Add details to stories or pictures
- Use capital letters at the beginning of their own names
- Write with left to right, top to bottom directionality
- Use appropriate spacing between words in their writing
- Generate statements of what they already know about a particular theme which the teacher will record on chart paper
- Generate questions on what they want to know more about
- Brainstorm a list of ways to research a new unit of study
- Begin to develop and answer open-ended questions with the teacher's help
- Work in small groups to write a sentence describing pictures for a class picture book
- Work individually to write in journals

Mathematics

Number Sense and Operations:

- Count by ones to 100+
- Match quantities to numerals 10+
- Identify numerals 0 – 100+
- Explore place value to 100+
- Write numerals with a given model
- Identify ordinal numbers, 1st to 5th
- Use manipulatives to compare and order sets (10+)
- Understand the concepts of whole and half
- Identify U.S. coins by name
- Explore monetary values of U.S. coins
- Use manipulatives to solve addition and subtraction problems with sums to 10
- Identify and use math symbols (+, -, =)
- Estimate number of objects and verify results

Patterns, Relations, and Functions:

- Identify attributes of objects
- Sort and classify objects by color, shape, size, number and other properties
- Identify, reproduce, describe, extend and create simple patterns
- Skip count by fives and tens (explore by twos)

Geometry and Measurement:

- Identify, sort and draw simple two-dimensional shapes
- Describe attributes of two-dimensional shapes

- Name and compare three-dimensional shapes
- Use spatial and directional terms
- Investigate symmetry of two and three-dimensional shapes
- Make size, volume, weight, area, and time comparisons
- Make and use estimates of measurements from everyday experiences
- Use nonstandard units to measure capacity, length, weight, area
- Explore and use standard units of measurement

Statistics and Probability:

- Collect, sort, organize, describe, compare, and draw conclusions about data using concrete objects and pictures
- Construct, read, and interpret graphs

Science

The Kindergarten Science Curriculum inspires our students to develop a growing curiosity and interest in things that make up their world. They are encouraged to observe, compare and communicate their knowledge in the following areas:

Life:

- Trees/Animals
- Living things/non-living things
- Special features and needs of live animals (mammals, insects, amphibians, fish, reptiles, birds)

Human Biology:

- The five senses

Environment:

- Decomposers break down dead plants and animals for food (worms)

Physical:

- Paper, wood, fabric (observe and describe properties and interactions of materials)

Earth/Space:

- Seasons, day/night, daily weather

Technology:

- Technology design project

Social Studies

- Recognize the importance of people who contribute to the school community and world

- American Holidays
- The concept of time, "old/new," long ago/today"
- Geographic skills
- Simple map skills

Library

The primary goal of this program is to broaden the experiences of all our students through literature. All children will be exposed to:

- Genres in literature (fantasy, realistic fiction, historical fiction, nonfiction, etc.)
- Various forms of poetry, rhymes, and chants
- Authors
- Illustrators
- Parts of books
- Book handling basic library
- Basic library skills

Kindergarten Topics

- Greetings
- Calendar activities
- Colors
- Shapes
- Friends
- Seasons
- Mexican culture (holidays and fiestas)
- Numbers (1-31)
- Body parts
- Patterns
- Sizes
- Flowers
- Animals (farm and zoo)
- Family