

Kindergarten

Reading
Writing
Communications
Mathematics
Science / Health
Social Studies
Visual Art
Physical Education
Technology



Reading

In kindergarten, students learn the names and sounds of all letters. They are also learning to use these to predict or confirm ideas or information relevant to them as they read simple texts. They will often use picture clues to support or confirm their predictions. Unprompted retellings may focus on the most memorable incident (often including some interesting phrases or vocabulary) rather than a complete sequential recount. Students enjoy hearing favorite stories and reading simple texts.

Understand and use different skills and strategies to read

- Know letter sounds.
- Handle books appropriately.
- Track left to right and top to bottom.

Understand the meaning of what is read

- Recognize first and last name in print.
- Recognize and produces rhyming words.
- Make predictions within stories.
- Retell stories sequentially.

Writing

During the kindergarten year, students learn the names and sounds of the letters. They also become aware of their importance in being able to communicate in writing. Much of their writing will be about themselves, their family, pets and friends. Writing may be presented in simple sentences or pictures, often with the same structure repeated within a piece or used in several pieces.

Write clearly and effectively

- Recognize and writes upper and lower case letters.
- Draw to tell or explain.
- Use pictures and print to convey meaning.
- Begin to write using letter sounds.

Use legible handwriting

- Write first and last name with capital and lower case letters.

Communication

During kindergarten, children's use of language becomes more refined and extended. Language is used to communicate social needs, understand objects and people, and gain knowledge. Kindergarten children use grammatical structures that are an approximation of adult grammatical structures. They are beginning to develop listening skills and an awareness of the needs of a listener. Oral presentations consist primarily of descriptions of past events or retelling of familiar stories.

Communicate clearly and effectively in presentations

- Share drawing and text with others.
- Speak clearly in complete sentences.
- Participate in short poems, songs, and repetitive stories.

Communicate clearly and effectively with others

- Participate appropriately in group discussion.

Mathematics

By the end of kindergarten, students can recognize, count, compare, and order numbers and objects. They apply estimation in working with objects and quantities. Students compare, describe, and classify geometric figures and objects using geometric vocabulary. They develop their problem-solving and graphing skills using manipulatives to sort and classify data. They identify, extend, and create patterns using auditory and visual models. Students measure with a variety of nonstandard units. By the end of kindergarten, students can select and use appropriate tools for a given problem and explain the process they used to solve the problem. Students predict results in familiar problem situations. They can follow a plan for collecting information, organize and clarify the information in at least one way, and express their mathematical ideas using models and pictures

Understand and use number sense

- Count by rote to 100.
- Write the digits 0-9.
- Read and order numbers 1-30.
- Match the number of a collection of up to 10 and create a collection of up to 10.

Understand and apply concepts and skills of mathematics measurement

- Measure with non-standard units of length.

Geometric sense

- Name attributes of shapes (lines, corners, sides).

Statistics

- Organize and display data in graphical form.
- Interpret graphs using appropriate mathematical vocabulary (more, less, most, least, equal, same).

Algebraic sense (patterns and relationships)

- Sort, classify and order objects by size, number, and other attributes.
- Recognize, copy, and extend patterns.
- Describe patterns.

Solve problems using mathematical reasoning

- Use a variety of strategies.
- Draw conclusions.

Communicate mathematical knowledge and understanding

- Use numbers, pictures, and/or words to show understanding.
- Use mathematical vocabulary appropriately.

Science/Health

Students learn to use the scientific process of gathering data, investigating, interpreting data, and drawing conclusions. Units of study for science/health may include: Plants and Animals, Recycling, Seasons, Weather, Energy-Movement-Force, Five Senses, Classifying Food Groups, and Personal Hygiene.

Science/Health concepts and principles

- Show understanding of key concepts as presented.

Social Studies

The focus is on "myself and my family," map and globe skills, and civics and economics (especially as they relate to the family).

Social Studies concepts and skills

- Show understanding of key concepts as presented.



Science/health and social studies in all grades are developed around units of study that emphasize a core concept or theme. In kindergarten the theme is "changes, cycles and patterns". Students in kindergarten also work on finding observing and classifying.

Visual Art

Students have opportunities to:

- Understand and apply art knowledge and skills.
- Demonstrate thinking skills using artistic processes.
- Communicate through the arts.
- Make connections within and across the arts, to other disciplines, cultures, life and work.

Music

Students have opportunities to:

- Read, note, and perform rhythm.
- Hear, discriminate, perform, read, and note pitch.
- Listen to, analyze, demonstrate, and describe qualities of sound.
- Identify simple music forms.
- Experience and perform independent parts while others sing or play.
- Understand and creatively interpret expressive markings and cues.
- Sing alone and with others, a varied repertoire of music.
- Understand music in relation to history and culture.

Physical Education

Students have opportunities to:

- Explore, develop, and refine basic movement and manipulative skills through a variety of activities
- Understand and appreciate their own fitness level while engaging in a variety of physical activities
- Demonstrate responsible behaviors and positive sportsmanship skills

Technology

Students have opportunities to learn and use:

- Basic operations and concepts
- Curriculum related software



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