



KINDERGARTEN

The kindergarten curriculum provides the basic building blocks for success in school. Along with the fundamentals of literacy and math, students explore science topics such as how plants grow and social studies topics such as maps, landforms and bodies of water. Some schools offer electives in physical education, art, technology or foreign languages.

KINDERGARTEN LANGUAGE ARTS SKILLS MAY INCLUDE:

- Recognizing and forming letters |
- Applying phonics rules |
- Using sight words
- Demonstrating reading comprehension |
- Listening

KINDERGARTEN MATHEMATICS SKILLS MAY INCLUDE:

- Recognizing and forming numbers (1 to 20)|
- Counting by ones and tens (1 to 100)
- Deploying problem-solving strategies|
- Adding and subtracting|
- Numbering sentences
- Identifying shapes|
- Measuring and comparing |
- Ordering and sorting numbers and shapes

FIRST GRADE

First-grade students build upon basic math and literacy skills to become more fluent. They will continue learning about science and the scientific method through topics such as weather, energy, animal habitats and rocks and soil. Social studies may include lessons ranging from the organization of communities (neighborhoods, towns and states) to the different kinds of systems we rely on (mail, transportation and communication) to famous people who have shaped our history.

FIRST-GRADE LANGUAGE ARTS SKILLS MAY INCLUDE:

- Identifying and retelling main ideas and key details within a story
- Using details from the text to answer questions |
- Expanding vocabulary

- Decoding one- and two-syllable words |
- Making short and long vowel sounds|
- Blending consonants
- Answering questions in writing

KINDERGARTEN MATHEMATICS SKILLS MAY INCLUDE:

- Adding and subtracting (1 to 20)|
- Working with number sentences|
- Understanding place value
- Counting by fives and tens|
- Measuring, comparing and ordering|
- Creating two-dimensional shapes
- Working with halves, quarters and wholes |
- Telling time

SECOND GRADE

Second grade works to build students' critical thinking skills. Science lessons may cover topics such as the water cycles, erosion, states of matter, gravity and friction. Social studies may include lessons on local and federal government, early American history, maps and basic landforms.

SECOND-GRADE LANGUAGE ARTS SKILLS MAY INCLUDE:

- Identifying different types of writing |
- Answering questions using details from the text
- Recognizing sense words in writing|
- Understanding text features such as glossaries
- Finding the meaning of words through context|
- Reading irregularly spelled words
- Learning prefixes and suffixes |
- Decoding two-syllable words|
- Writing opinion and narrative pieces

SECOND-GRADE MATH SKILLS MAY INCLUDE:

- Adding and subtracting within 100|
- Solving word problems
- Working with equal groups (foundation of multiplication)

- Using place values to add and subtract within 1,000|
- Representing numbers and problems on a number line
- Solving word problems with money|
- Reading analog clocks
- Recognizing shapes based on numbers of angles and faces
- Partitioning shapes into halves, thirds and fourths

THIRD GRADE

Third grade capitalizes on improved reading and writing fluency to explore topics with more depth and complexity. Science lessons might cover life cycles of plants and animals as well as ecosystems, the solar system and properties of matter. Social studies lessons may include topics such as economics, early Native American communities and history of migration.

THIRD-GRADE LANGUAGE ARTS SKILLS MAY INCLUDE:

- Identifying character traits and points of view |
- Comparing themes, settings and plots of stories
- Showing how words create mood or setting|
- Describing a set of steps or series of events
- Drawing connections within a text|
- Reading multisyllable and irregularly spelled words
- Understanding or correcting words using context |
- Writing opinion, informational and narrative pieces
- Using irregular pronouns and irregular verbs|
- Using correct subject-verb agreement

THIRD-GRADE MATH SKILLS MAY INCLUDE:

- Multiplying and dividing within 100|
- Identifying math patterns|
- Solving two-step word problems
- Rounding to 10 or 100|
- Understanding and comparing fractions|
- Using graphs and rulers
- Finding perimeters of shapes

FOURTH GRADE

Fourth grade ushers in a higher level of thought, problem solving and critical thinking. In social studies, students may explore the culture and geography of different climates and regions. Science topics may include animal adaptations, necessary elements to sustain plant and animal life, force and motion, properties of matter, and phases of the moon.

FOURTH-GRADE LANGUAGE ARTS SKILLS MAY INCLUDE:

- Summarizing a text using key details|
- Drawing connections between two texts
- Explaining themes, events or procedures using specific details|
- Decoding multisyllable and irregular words
- Writing pieces with introductions, supporting details and conclusions|
- Producing clear narrative pieces
- Paraphrasing texts and participating in discussions using supporting evidence|
- Using correct grammar

FOURTH-GRADE MATH SKILLS MAY INCLUDE:

- Performing multi-digit multiplication and division|
- Doing operations involving fractions and decimals
- Using place value in operations up to 1,000|
- Converting measurements
- Analyzing and classifying geometric shapes

FIFTH GRADE

Fifth grade hones students' language and math skills, preparing them for the challenges of middle school. Lessons in science may include plant and animal cells, plate tectonics, introduction to the periodic table, and the effect of friction and gravity on motion. Social studies may cover topics including European exploration, the American Revolution, the Civil War and westward expansion.

FIFTH-GRADE LANGUAGE ARTS SKILLS MAY INCLUDE:

- Analyzing a text |
- Using quotes to back up assertions|
- Comparing and contrasting stories and characters within those stories
- Understanding similes and metaphors |
- Evaluating and comparing different stories about the same event
- Researching and writing a paper using a number of sources|

- Preparing for and participating in discussions
- Using multimedia in presentations|
- Understanding conjunctions, prepositions and interjections
- Following appropriate grammatical rules (capitalization, punctuation and verb tense)

FIFTH-GRADE MATH SKILLS MAY INCLUDE:

- Multiplying and dividing fractions|
- Using parentheses in equations|
- Graphing on a coordinate plane
- Representing and interpreting graphing data|
- Solving word problems using fractions|
- Measuring volume

