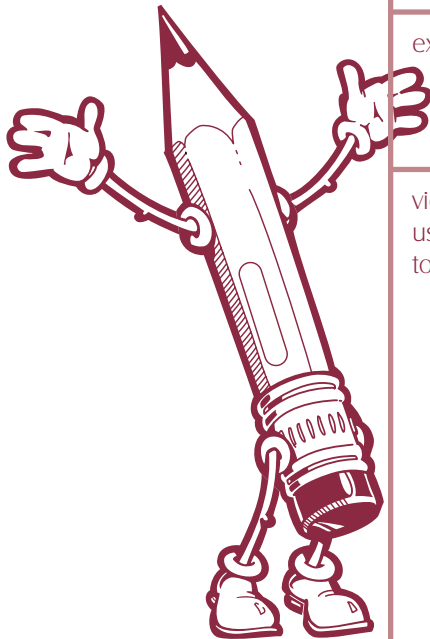


Curriculum for: **First Grade**

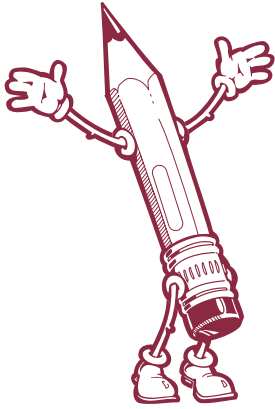
LANGUAGE ARTS

READERS/LISTENERS



Language Arts Goals Students will...	Grade Level Indicators Students will...
exhibit a positive attitude	<ul style="list-style-type: none"> ✱ be enthusiastic and take risks ✱ participate in reading activities ✱ focus attention on readers and speakers ✱ respect what others have to say
view reading as an active process using experiences and strategies to construct meaning	<ul style="list-style-type: none"> ✱ read for meaning ✱ rely more on print than pictures to understand text ✱ use letter/sound relationships to identify words in context ✱ use word parts and patterns ✱ reread when text does not make sense ✱ self-correct errors ✱ demonstrate understanding of characters, events and facts ✱ make and confirm predictions about text ✱ relate experiences to reading ✱ respond critically to literature ✱ increase fluency ✱ develop and expand vocabulary
be exposed to a variety of genre	<ul style="list-style-type: none"> ✱ listen to and/or read poetry, rhymes, fairy tales, factual material, plays, fiction/non-fiction, multi-media, etc. ✱ recognize that authors/illustrators have characteristics
be exposed to a variety of informational sources	<ul style="list-style-type: none"> ✱ understand that information may be gathered from books, computers, library, videos, maps, diagrams, charts, graphs, dictionaries, encyclopedias, etc.
WRITERS/SPEAKERS	
exhibit a positive attitude	<ul style="list-style-type: none"> ✱ be enthusiastic and take risks ✱ share drawings, writing, ideas and experiences ✱ participate in group discussions
be introduced to the process of writing as a means of communication	<ul style="list-style-type: none"> ✱ understand and participate in brainstorming ✱ see revising as a way to make writing clearer ✱ reread for clarity ✱ discuss with peers and adults ✱ understand beginning, middle, end ✱ edit sentences using conventional form (punctuation, capitalization, grammar, spelling, spacing and letter formation) ✱ use consonants, vowels and word patterns to represent the written word ✱ use a variety of spelling strategies to correctly spell words frequently used in reading and writing
CHART, CONTINUED	

First Grade, continued



WRITERS/SPEAKERS, CONTINUED	
convey ideas in clear, understandable language	<ul style="list-style-type: none"> * retell ideas and events in sequence from read-alouds * retell ideas and events in sequence from experiences * relate personal experiences to reading and other learning situations * write simple sentences
write and speak for a variety of purposes and audiences	<ul style="list-style-type: none"> * use narrative and informational pieces (language experience stories, letters, invitations, thank you notes, journals, how to, etc.) * respond critically to literature and ideas

MATHEMATICS

Number and numeration

- * numerals 1-99
- * counting by ones, twos, fives, and tens
- * even and odd
- * comparing and ordering
- * estimation
- * money notation up to \$9.99

Operations with whole numbers

- * renaming
- * addition, subtraction facts through 10
- * place value, 2 digits without regrouping
- * operation symbols (+, -, =)
- * inverse operations
- * patterns for sums and differences
- * story problems
- * readiness for multiplication

Operations with fractions

- * equal parts of a whole
- * one-half, one-third, one-fourth
- * story problems

Probability and statistics

- * data gathering
- * recording
- * tallying
- * fairness

Geometry and measurement

- * comparisons of measurements
- * estimation
- * nonstandard units of measure
- * standard units of measure (customary and metric)
- * temperature – Celsius, Fahrenheit

- * time – hour, day, month, year, clocks, calendars
- * money – exchange pennies for dimes and nickels
- * shape
 - 2 dimensions
 - symmetry
 - 3 dimensions
 - position
 - patterns

SOCIAL STUDIES

The grade one social studies program focuses on helping students learn about their roles as members of a family and school community. The development of identity and social interaction are stressed. Students learn about families now and long ago, studying about different kinds of families that existed in different societies and communities. Students also begin to locate places on maps and learn how maps serve as representations of physical features and objects.

Topics include:

- * My family and other families
- * History of my family
- * My community and local region
- * Places in my community and local region
- * Challenge of meeting needs and wants
- * Economic decision making
- * Symbols of citizenship
- * Rights, responsibilities, and roles of citizenship
- * Making and changing rules and laws

First Grade, continued

SCIENCE

The science curriculum at the first grade level includes:

- * Life Science
 - variety of plants and animals
- * Physical Science
 - describing qualities of matter
 - differentiating between living and non-living things
- * Earth Science
 - the shape and composition of the Earth
 - the place of the Earth, sun, moon and stars
 - seasons
- * Additional activities
 - life science activities
 - technology activities

HEALTH EDUCATION

The first grade curriculum in health education includes the following subjects:

- * The four basic feelings
- * Skills for developing friendship
- * Self esteem
- * The five senses
- * Introduction to dental health
- * Prevention of the spread of germs
- * Healthy habits
- * Food and growth
- * The food groups
- * Food and safety
- * Stranger safety
- * Sexual abuse awareness (good touch vs. bad touch)
- * Traffic, household and playground safety
- * Medicine safety
- * Good medicine vs. bad drugs
- * Refusal skills

PHYSICAL EDUCATION

Students at the first grade level will:

- * participate in age appropriate activities which include basic locomotive (run, hop, jump) and non-locomotive skills (balance, spatial awareness);
- * begin to understand the need for appropriate warm-up and cool-down exercises; and
- * begin to explore the need for safety, fair play and sportsmanship.

ART

Using the New York State Learning Standard for the Arts as a framework, first grade students will:

- * experiment and create art works in a variety of mediums (drawing, painting and sculpture) based on a range of individual and collective experiences;
- * begin to develop an understanding and use of the elements and principles of art (line, color, texture and shape) in order to communicate their ideas;
- * begin to develop skills involving the use of a variety of art materials, processes and techniques;
- * become acquainted with the names of artists and their work; and
- * begin to develop and use an appropriate art vocabulary.

Projects might include lessons dealing with self-awareness, such as self-portraits and family portraits.