

Second Grade Curriculum

Language Arts

READING

- Phonics, Decoding, Word Recognition, and Vocabulary
- apply phonics skills to read unfamiliar words
- segment words into sounds and blend sounds to decode words
- identify antonyms and synonyms and explain their meaning
- know the meaning of prefixes and suffixes: un, mis, ing, ly, es, over, etc.
- decode two-syllable and regular multi-syllable words

Fluency

- read numerous books to build fluency and comprehension
- read aloud with proper expression

Comprehension

- restate facts and details in text
- state the main idea of a story or paragraph
- recall story events in time-order sequence
- follow two-step written directions
- answer literal questions about text

WRITING

Application

- write descriptions of familiar objects, events, and experiences
- write brief narratives that include a logical sequence of events and descriptions of setting and characters
- write a friendly letter with date, salutation, body, closing, and signature
- write complete, coherent sentences and paragraphs that develop a central idea

Capitalization, Punctuation, and Grammar

- capitalize proper nouns, greeting, months, days of the week, titles, and initials
- use the correct punctuation mark at the end of sentences

Spelling

- spell assigned spelling words correctly
- spell short-vowel, long-vowel, r-controlled, and consonant-blend patterns

- use correct spelling of frequently used words in all written work

Penmanship

- use neat, legible manuscript handwriting
- form letters and numerals correctly
- write neatly in all work

LISTENING AND SPEAKING

- listen attentively
- listen to and paraphrase information heard
- speak clearly at appropriate pace

Mathematics

- Number Sense
- write, count, read, and know place value up to 1,000
- solve addition and subtraction problems with 2 and 3 digit numbers
- know multiplication tables of 2's, 5's, and 10's and commit them to memory
- recognize, name, and compare fractions from $\frac{1}{2}$ to $\frac{1}{10}$
- solve simple multiplication and division problems
- know that when all the fractional parts are included, such as $\frac{1}{2} + \frac{1}{2}$, the result is equal to 1
- recognize fractions and decimals as parts of a whole
- add and subtract amounts of money using the correct symbol for decimals and dollar signs

Algebra, Functions, and Patterns

- order and compare numbers to 1000 using $<$, $=$, $>$
- use the commutative and associative rules to simplify problem solving and to check results [$(11 + 5) + 17 = 11 + (5 + 17)$]
- solve addition and subtraction problems using data from simple charts, graphs, and number sentences

Measurement and Geometry

- measure the length of an object to the nearest inch and/or centimeter
- measure volume and weight of common objects
- describe and classify plane and solid geometric shapes
- construct new shapes by putting shapes together and taking them apart
- tell time to the nearest quarter hour

Statistics, Data Analysis, and Probability

- collect, record, organize, and analyze data on picture graphs, bar graphs, and number lines

- find missing numbers in a sequence
- extend number patterns
- solve problems using patterns
- identify features of data sets (range and mode)

Science

History - Social Science

Physical Science – The motions of objects can be observed and measured.

Life Science – Plants and animals have predictable life cycles.

Earth Science – Earth is made of materials that have distinct properties and provide resources for human activities.

Investigation and Experimentation: Scientific progress is made by asking meaningful questions and conducting careful investigations. As a basis for understanding this concept, students should develop their own questions and perform investigations.

People Who Make a Difference Children in the second grade are ready to learn about people who make a difference in their own lives and who made a difference in the past. People who make a difference in the child's world are those who care for them, those who supply the goods and services necessary for daily life, and those extraordinary men and women who have made a difference in our national life in the past.