

# **Third Grade Curriculum**

## **Language Arts**

### **READING**

#### **Phonics, Word Recognition, and Vocabulary**

- use phonics and knowledge of word families to decode unknown and multi-syllable words
- use knowledge of antonyms, synonyms, homophones, and homographs to determine word meaning
- use a dictionary and thesaurus to learn the meaning and features of unknown words

#### **Comprehension**

- identify the main idea and supporting details in text
- recall facts, details, and story events in sequence, and make predictions about what might happen next
- answer questions that require making an inference
- describe the plot, theme, main idea, and/or characters in a selection
- identify common forms of literature such as poetry, drama, fiction, and nonfiction
- comprehend basic plots of fairy tales, myths, folktales, legends, and fables
- follow simple multi-step instructions such as how to play a game
- use titles, tables of content, chapter headings, glossaries, and indexes to locate information in text
- identify the speaker or narrator in a story

#### **Fluency**

- read a grade level selection aloud with accuracy, appropriate pacing, and expression
- read numerous books to build fluency and comprehension

### **WRITING**

#### **Application**

- write complete paragraphs which include a topic sentence, simple supporting facts, and details
- write narratives which include setting, characters, plot (including beginning, middle, and end in proper sequence), and descriptive details
- write personal letters, thank-you notes, and invitations with proper form, punctuation, and capitalization
- revise drafts to improve writing using an established rubric

#### **Language Conventions**

- use correct capitalization of geographical names, holidays, historical periods, special events, and titles of books
- use correct punctuation in dates, city and state, addresses, abbreviations, end of sentences, and words in a list
- use verb tenses correctly in written work and when speaking
- identify adjectives, pronouns, and articles and use them correctly in written work

## **Spelling**

- spell assigned words correctly
- correctly spell high frequency words in written work
- arrange words in alphabetical order

## **Penmanship**

- write legibly and correctly in cursive
- adhere to neatness in margins and use correct spacing of letters and words

## **LISTENING AND SPEAKING**

- listen, retell, paraphrase, and explain what has been said by a speaker
- deliver brief recitations and well organized oral presentations using props
- demonstrate a command of standard English

## **Mathematics**

### **Number Sense**

- memorize multiplication facts through 10's
- add and subtract multi-digit numbers between 0 and 10,000
- add and subtract simple fractions
- identify the place value for each digit in numbers to 10,000
- multiply and divide multi-digit numbers by one digit numbers
- use expanded notation to represent numbers ( $3,206 = 3,000 + 200 + 6$ )
- add, subtract, multiply, and divide money problems using decimals and dollar signs correctly
- use inverse relationship of multiplication and division to solve problems and check results

### **Algebra, Functions, and Patterns**

- select the correct mathematical operational and relational symbol to make an equation true ( $4 ? 3 = 12$ )
- solve simple problems involving a functional relationship between two quantities (e.g., find the total cost of multiple items given the cost per unit)
- solve problems involving numeric equations ( $3 \times 7 = \square$ ) and inequalities ( $3 \times \square < 20$ )

## **Measurement and Geometry**

- find the area and volume of solid figures
- find the perimeter of a polygon
- identify attributes of quadrilaterals including rectangles, squares, and parallelograms
- identify and describe polygons including pentagons, hexagons, and octagons
- identify and describe isosceles, equilateral, and right triangles

## **Statistics, Data Analysis, and Probability**

- make simple math predictions and estimations
- read and create a variety of graphs and charts
- systematically keep track of the outcomes when an event (tossing a coin) is repeated many times

## **Science**

History - Social Science

Physical Science – 1) Energy and matter have multiple forms and can be changed from one form to another. 2) Light has a source and travels in a direction.

Life Science – Adaptations in physical structure or behavior may improve an organism's chance for survival.

Earth Science – Objects in the sky move in regular and predictable patterns.

Investigation and Experimentation – Scientific progress is made by asking meaningful questions and conducting careful investigations. Students should develop their own questions and perform investigations.

Continuity and Change Although third graders are not ready for a formal study of history, they can begin to think about continuity and change in their own community and nation. By exploring their local community and locating some of the features that were built by people who lived long ago, children can make contact with times past and with the people whose activities have left their mark on the land. Third graders are introduced to the great legacy of local, regional, and national traditions that provide common memories and a shared sense of community.