

# READING

## 3rd Grade Essentials

### Phonics

Demonstrate understanding of phonics: vowel sounds, word parts and patterns

### Fluency

Apply fluency to enhance comprehension (110-120-WCPM)

### Vocabulary

Use identified prefixes and suffixes to determine the meaning of an unknown word

### Comprehension

#### **Predict/Infer**

-Make inferences and predictions and support with evidence from the text

#### **Sequencing**

-Explain story events or steps in a process in sequential order

#### **Main Idea - Detail**

-Select from multiple choices the main idea of an informational or literary text and give two details from the text to support the choice

#### **Text features Literary Elements**

-Describe character traits, problem and solutions and setting in stories.

-Identify chapter titles, selection headings and captions.

#### **Author's Purpose**

-Select from multiple choices the author's purpose and support with evidence from the text

# MATH

## 3rd Grade Essentials

### Number Sense

Understand place value to 10,000

Demonstrate proficiency with addition and subtraction of whole numbers including regrouping.

Understand the meaning of multiplication and division of whole numbers.

### Measurement

Understand and use units of measure for length, weight, time, money, and temperature.

Read a clock and understand elapsed time to 5 minute increments.

### Geometric Sense

Understand and be able to identify and draw one and two-dimensional figures: Circle, triangle, rectangle, and square.

Describe characteristics and compare one and two-dimensional figures: circle, triangle, rectangle and square.

### Probability and Statistics

Understand, collect, and be able to represent data for/from table, chart or bar graphs.

Understand mode.

### Algebraic Sense

Understand patterns of objects including number patterns with a single addition operation.

Understand equality.

Write an equation for a given situation.

### Process

Reason logically and communicate with clarity using charts, diagrams or pictures.

Apply strategies, concepts and procedures to devise a plan to solve problems, using the strategy *Guess and Check*.

Apply strategies concepts and procedures to devise a plan to solve problems using the strategy *Use Objects or Act it Out*.

**Strategies Emphasized:** *Guess and check* , *Use Objects/act it out*

# SCIENCE

## 3rd Grade Essentials

### Systems

- Identify the parts of a system and how the parts go together.
- Describe the function of a part of a system.

### Inquiry

- Identify the question being answered in an investigation.
- Write a prediction of the results of an investigation.
- Participate in a simple controlled investigation that includes prediction, materials, controlled variable, one changed variable, and measured variable.
- Gather, record, and organize data using appropriate tools, charts and or graphs.
- Generate a scientific conclusion and the reason for the given conclusion using evidence from an Investigation.

*Analyses of systems through inquiry and application will guide the study of the Physical, Living and Earth/Space Systems.*

### Physical.

- Understand the relative position and motion of objects.
- Understand the behavior of sound in terms of vibrations and pitch.
- Understand forces in terms of strength and direction.

### Earth and Space

- Understand physical properties of Earth materials including rocks and soils.
- Observe, measure, and describe weather indicators.

### Living

- Understand the life cycles of plants and animals and the differences between inherited and acquired characteristics.
- Identify sources of energy and matter used by plants to grow and sustain life.
- Describe the characteristics of organisms that allow them to survive in an ecosystem
- Describe the role of an organism in a food chain.

# Manson Elementary School

## 3rd Grade Essentials



### Thinking Behaviors

**September: Metacognition, Attending, Self Control**

**October: Connections**

**November: Persisting, Teamwork**

**December: Empathy**

**January: Thinking Flexibly, Risk Taking**

**February: Questioning, Observing**

**March: Clarity, Accuracy**

**April: Humor, Creativity**

**May: Life Long Learning, Enthusiasm**

## WRITING

Use the writing process to produce text.

Write for different purposes: to explain, to tell a story.

Write in a variety of forms including: summaries, procedures, reports.

Write in different genres: expository, narrative.

Use the six traits of writing: ideas, organization, word choice, voice, fluency, and conventions and score using a 4/2 rubric.