

READING

2nd Grade Essentials

Phonics

Use multisyllabic decoding and complex letter patterns/word families to read unfamiliar words

Fluency

Apply fluency to enhance comprehension (90-100-CPM)

Vocabulary

Use abbreviations for common titles, months, days and addresses

Comprehension

Concepts of Print

-Demonstrate understanding of information gained from reading to perform a specific task

Predict/Infer

-Apply comprehension-monitoring strategies before, during and after reading: using prior knowledge, schema and predict/infer

Sequencing

-Demonstrate understanding of story sequence and story elements

Main Idea - Detail

Apply comprehension monitoring strategies during and after reading:
determine importance of theme, main idea and supporting details in both informational and literary text

Text features Literary Elements

Identify genres

Compare/Contrast

Analyze the relationship between/among literary and informational texts

MATH

2nd Grade Essentials

Number Sense

Reads, counts, writes, recognizes, and compares numbers to at least 1000

Determine the value of a digit based on its position in a number

Recall addition/subtraction facts through at least 18

Add and subtract 2 and 3-digit numbers without regrouping

Make combinations and name total value of coins through \$1.00

Measurement

Read a clock to the half hour

Select appropriate tool/unit to measure with non-standard or standard units

Understand how to estimate in measurement situations

Geometric Sense

Create, compare, and describe using accurate terminology a circle, square, rectangle, triangle, pentagon, trapezoid, oval, octagon, rhombus

Understand the location of numbers on a positive number line to 1000

Probability/Statistics

Understand how data can be collected, organized, and displayed

Interpret information and construct a bar graph; identify the title, horizontal and vertical axes, and key

Interpret results and draw conclusions from pictograph, bar graph

Algebraic Sense

Identify, create, extend and explain patterns of addition and subtraction in charts and tables.

Process

Apply strategies, concepts and procedures to devise a plan, solve problems, reason logically, and communicate with clarity using charts, diagrams, or pictures.

Strategies Emphasized: Make a table, Look for a Pattern

SCIENCE

2nd Grade Essentials

Systems

Construct simple devices to do common tasks using common materials and explain how the parts depend on each other

Inquiry Process

Ask a question and make a prediction.

Plan and conduct an observational investigation that collects information about characteristics or properties

Collect data using simple equipment and tools.

Explain an event using observations as evidence.

Report the process used and the results of the investigation.

Application

Understand how to construct and test a solution to a problem.

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

Physical Systems

Understand simple properties of common natural and manufactured materials and objects.

Sort objects based on component parts i.e toys with wheels

Know that common materials are made of smaller parts.

Know that a push or a pull is a force on an object but some forces can act without touching an object.

Know that push or pull can change the motion of the common objects.

Earth & Space

Understand physical properties of Earth materials.

Know that rocks break down to form pebbles and sand.

Know that fossils provide evidence of plants and animals that existed long ago.

Living Systems

Understand characteristics of living organisms.

Know that living things are made of small parts

Know that fossils show how organisms looked long ago.

Manson Elementary School

2nd 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: fictional stories, instructions, rhymes.

Write in different genres: narrative, expository.

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