

MATH

Please note: Estimation and problem solving strategies should be included in number sense/computation, measurement and algebra standards.

NUMBER SENSE/COMPUTATION**Read, Write and Represent Numbers**

- _____ Read, write, recognize and model equivalent representations *MA2-01*
 - whole numbers up to 10,000
 - Recognize common fractions from pictorial models

Order and Compare Numbers

- _____ Whole numbers up to 1,000 *MA2-02*

Number Operations

- _____ Master basic facts and solve problems, word problems, and number sentences *MA2-03*
 - addition with regrouping
 - subtraction with regrouping
 - money up to \$1.00
- _____ Represent multiplication as repeated addition *MA2-04*

MEASUREMENT**Use Measurement Tools and Units**

- _____ Length (inch, cm) *MA2-05*
- _____ Time (nearest 5 min) *MA2-06*
- _____ Temperature *MA2-07*

ALGEBRA**Patterns**

- _____ Identify, describe, complete and extend numeric patterns *MA2-08*

Write Equations and Inequalities

- _____ Create and solve simple number sentences and equations *MA2-09*
 - equalities
 - inequalities

GEOMETRY**Properties of Single Figures**

- _____ Identify and describe 2-D and 3-D shapes according to their characteristics *MA2-10*

Composing and Decomposing Figures

- _____ Predict the result of putting shapes together and taking them apart. *MA2-11*

DATA ANALYSIS AND PROBABILITY**Read and Interpret Displays**

- _____ Read, interpret and represent data in *MA2-12*
 - pictograph
 - bar graph
 - tally chart
 - table

SCIENCE**INQUIRY****Process Skills**

- _____ Arrange data into logical patterns and describe the patterns. *Sc2-01*

Technological Design

- _____ Given a sample design problem, formulate possible solutions. *Sc2-02*

CONTENT**Life Science****Plants**

- _____ Identify structure and function of plant parts. *Sc2-03*

Animals

- _____ Describe the life cycle of animals (e.g. frog, butterfly) *Sc2-04*
- _____ Classify animals as mammals, reptiles, amphibians, birds, insects, arachnids or fish. *Sc2-05*

Fossil

- _____ Explain what fossils are and how they are formed. *Sc2-06*

Physical Science**Matter**

- _____ Compare and contrast solids, liquids, and gases. *Sc2-07*

Sound, Heat, and Light

- _____ Identify sources and properties of light, heat, and sound. *Sc2-08*

Force, Magnets and Electricity

- _____ Identify properties of magnets, electricity, force, and gravity and how they affect objects. *Sc2-09*

Earth/Space Science**The Earth**

- _____ Identify natural resources and how to protect them. (Basic materials are land, water, and air.) *Sc2-10*

Weather and Seasons

- _____ Describe the water cycle. *Sc2-11*

The Solar System

- _____ Describe how the rotation of the Earth causes day and night. *Sc2-12*

Human Body**How Your Body Works**

- _____ Describe the function of the brain, heart, and lungs. *Sc2-13*

Nutrition

- _____ Classify foods in the Food Guide Pyramid, identify healthy food choices and describe the digestive process. *Sc2-14*

Keeping Healthy

- _____ Demonstrate how exercise, cleanliness, and proper nutrition are good for health. *Sc2-15*

CONNECTIONS**Science Practices**

- _____ Use basic safety practices (e.g. not tasting materials without permission, "stop/drop/roll"). *Sc2-16*

S/T/S (Science, Technology and Society)

- _____ Demonstrate ways to reduce, reuse, and recycle materials. *Sc2-17*