

MATH

SCIENCE

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 *MA1-01*
 - whole numbers up to 1,000
 - common fractions (1/2, 1/4, 1/3) from pictorial models

Order and Compare Numbers

- _____ Whole numbers up to 100 *MA1-02*

Number Operations

- _____ Skip count by 2, 5, and 10 *MA1-03*
- _____ Identify and express values of coins *MA1-04*
- _____ Solve problems, word problems, and number sentences *MA1-05*
 - addition basic facts
 - subtraction basic facts
 - coins up to \$1.00

MEASUREMENT

Use Measurement Tools and Units

- _____ Length (inch) *MA1-06*
- _____ Time (nearest hour, half hour, and calendar terms) *MA1-07*

ALGEBRA

Patterns

- _____ Describe, complete, and extend patterns *MA1-08*

GEOMETRY

Properties of Single Figures

- _____ Identify 2-D and 3-D shapes *MA1-09*

Coordinate Geometry

- _____ Describe relative positions in space e.g.,  is to the right of  *MA1-10*

DATA ANALYSIS AND PROBABILITY

Read and Interpret Displays

- _____ Read, interpret, and represent data in *MA1-11*
 - pictograph
 - bar graph
 - tally chart
 - table

INQUIRY

Process Skills

- _____ Collect and compare data from simple investigations. *Sc1-01*

CONTENT

Plants

- _____ Identify roots, stems and leaves and describe what they do. *Sc1-02*

Animals

- _____ Compare and contrast animals by characteristics such as size, shape, body covering and movement. *Sc1-03*

Where Plants and Animals Live

- _____ Define habitat and tell what it provides *Sc1-04*

Physical Science

Grouping Objects

- _____ Describe properties of solids, liquids and gases. *Sc1-05*

Sound, Light and Heat

- _____ Identify what is needed for a shadow to form and how they change. *Sc1-06*

Moving and Working

- _____ Describe what machines do and how to make a simple lever. *Sc1-07*

Earth/Space Science

The Earth

- _____ Identify ways to use and conserve resources. *Sc1-08*

Weather

- _____ Compare weather changes season to season. *Sc1-09*

The Sky

- _____ Compare and contrast day and night sky. *Sc1-10*

Human Body

The Senses

- _____ Make observations using all the senses. *Sc1-11*

Growing and Changing

- _____ Identify ways people change as they grow. *Sc1-12*

Taking Care of Your Health

- _____ Identify food groups on the Food Guide Pyramid. *Sc1-13*

CONNECTIONS

Science Practices

- _____ Follow teacher directions regarding safety when doing activities. *Sc1-14*

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

- _____ Identify ways that science and technology affect each person's life. *Sc1-15*

Rockford Public Schools - Math and Science Power Standards

At the end of the school year, students will be able to...