

PERFORMANCE DESCRIPTORS FOR MASTERY

1ST GRADE SCIENCE

Nature of Science:

SC.PD.1.1

Mastery

First grade students at the mastery level discuss scientists' lives and discoveries; question environmental changes; compare information by using a classification system; use a variety of communication techniques to safely collect and record information.

Students will:

- Demonstrate an understanding of the history and nature of science as a human endeavor encompassing the contributions of diverse cultures, scientists, and careers.
- Demonstrate the abilities and understanding necessary to do scientific inquiry.
- Demonstrate the ability to think and act as scientists by engaging in active inquiries and investigations, while incorporating hands-on activities.

Application of Science:

SC.PD.1.3

Mastery

First grade students at the mastery level identify how parts of a system interact; recognize and use models as representations of real things; distinguish between natural and man-made objects; demonstrate tolerance of different points of view; engage in conservation practices.

Students will:

- Identify how the parts of a system interact,
- Recognize and use models as representations of real things,
- Demonstrate the ability to distinguish between natural and man-made objects,
- Listen and be tolerant of different viewpoints while working in collaborative groups, and
- Demonstrate the ability to evaluate the impact of different points of view on health, population, resources and environment practices.

Content of Science:

SC.PD.1.2

Mastery

First grade students at the mastery level classify objects as living and non-living; describe needs, growth changes and life cycles in living organisms; classify objects as magnetic or nonmagnetic; recognize that water can change states and investigate buoyancy of objects in water; recognize that materials can be recycled; describe changes in an object's motion; demonstrate that sounds are produced by vibrations; record changes in weather and its effect on living things; discuss the importance of celestial objects and their movement; using models, compare land and water features; investigate properties of soil; and discuss the important uses of air.

Students will:

- Demonstrate knowledge, understanding and applications of scientific facts, concepts, principles, theories and models as delineated in the objectives.
- Demonstrate an understanding of the interrelationships among physics, chemistry, biology and the earth and space sciences.
- Apply knowledge, understanding and skills of science subject matter/concepts to daily life experiences.



1ST GRADE SOCIAL STUDIES

Geography:

Performance Descriptors

Mastery

First grade students at mastery level in geography:

locate the United States, West Virginia and major geographic features on a map utilizing appropriate global information systems;

describe the impact of climate and location on how people live;

read simple maps using cardinal directions, location, landforms and symbols in a legend;

sequence days, months and seasons; and

describe natural resources and their uses.

Civics:

Performance Descriptors

Mastery

First grade students at mastery level in civics:

give examples of and classify civic responsibilities, privileges, rights, patriotism and patriotic symbols of the United States;

propose solutions to a local problem and volunteer to help; and

model behavior that demonstrates traits of good citizenship.

Economics:

Performance Descriptors

Mastery

First grade students at mastery level in economics:

categorize the major occupations of people in the community;

explain the difference between needs and wants and list possible consequences of economic choices; and

explain how individuals and families earn, spend and save money.

West Virginia History:

Performance Descriptors

Mastery

First grade students at mastery level in West Virginia Studies:

recite the state motto and sing the state song;

investigate and describe the common occupations of people in West Virginia;

locate West Virginia on a United States map; and

explain how games, toys, and various art forms reflect West Virginia culture.

History:

Performance Descriptors

Mastery

First grade students at mastery level in history:

collect, organize and examine individual, family and community historical data to make comparisons to present-day living;

identify cultural contributions of families as portrayed through various sources; and

collect, organize and sequence personal data utilizing a timeline.

Regional Education
Service Agencies

RESA

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A powerful engine for education



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