

PERFORMANCE DESCRIPTORS FOR MASTERY

KINDERGARTEN SCIENCE

Nature of Science:

SC.PD.K.1

Mastery

Kindergarten students at mastery level ask questions about themselves and their world; use safety techniques; explore and describe objects and events using their senses and scientific instruments.

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.K.3

Mastery

Kindergarten students at the mastery level recognize models as representations of real things; observe and identify changes that occur within the environment; be tolerant of different viewpoints while working in a group; observe and identify the use of tools and appliances in everyday life.

Students will:

- Recognize models as representations of real things.
- Observe that changes occur gradually, repetitively, or randomly within the environment.
- Listen and be tolerant of different viewpoints while working in collaborative groups.
- Observe and identify the use of tools and appliances in everyday life.

Content of Science:

SC.PD.K.2

Mastery

Kindergarten students at the mastery level identify living and nonliving things; describe changes in plants and animals and their environment; sort and group objects; identify solids and liquids; explore magnetic properties, motion and changes in energy; identify celestial objects and changes in weather; compare differences in earth materials.

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.



KINDERGARTEN SOCIAL STUDIES

Geography:

Performance Descriptors

Mastery

Kindergarten students at mastery level in geography:

construct a simple map;

locate bodies of water and land masses on a globe and map and compare their relative locations;

compare and contrast the characteristics of the seasons and describe the characteristics of different types of weather; and

describe symbols and the need for them in the school and community.

Civics:

Performance Descriptors

Mastery

Kindergarten students at mastery level in civics:

describe citizenship and patriotism in the classroom and home;

explain the importance of rules and participate in developing rules while showing tolerance for others and their ideas; and

give examples of leaders and their roles in their daily lives.

Economics:

Performance Descriptors

Mastery

Kindergarten students at mastery level in economics:

give examples of the occupations in the school and local community and recognize some of their duties;

demonstrate the concept of the exchange of goods and services; and

discuss the basic needs of people and differentiate between wants and needs.

West Virginia History:

Performance Descriptors

Mastery

Kindergarten students at mastery level in West Virginia Studies:

identify and describe important state symbols, holidays, celebrations, people and climate; and

compare and contrast past and present lifestyles of West Virginians.

Regional Education
Service Agencies

RESA

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History:

Performance Descriptors

Mastery

Kindergarten students at mastery level in history:

with adult help describe elements of families and schools by collecting and examining data that relates to the students' lives;

research the past through literature, art, customs and songs, and explain differences in other people, times and cultures; and

collaborate with peers and adults to organize their personal history.

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