

PRE-K
DISTRICT 742 COMMUNITY SCHOOLS
SCIENCE PROGRAM GOALS

STANDARD ONE: CONCEPTS IN BIOLOGY

Understand concepts, theories and principles of biology through investigation and analysis.

GOAL 1: Primary/Grades Pre-K-3:
Directly experience the basic needs of organisms.

- A. Develop observation skills using the five senses.
- B. Observe and compare personal needs to other organisms.

STANDARD TWO: CONCEPTS IN CHEMISTRY

Understand concepts, theories and principles of chemistry through investigation and analysis.

GOAL 1: Primary/Grades Pre-K-3:
Directly experience solids and liquids.

- A. Experience properties of solids and liquids.

STANDARD THREE: EARTH AND SPACE SYSTEMS

Understand concepts, theories and principles of earth and space systems through investigation and analysis.

GOAL 1: Primary/Grades Pre-K-3:
Participate in direct experiences with properties of objects, patterns and cycles.

- A. Use tools for investigation of rocks and soil.

STANDARD FOUR: CONCEPTS IN PHYSICS

Understand concepts, theories and principles of physics through investigation and analysis.

GOAL 1: Primary/Grades Pre-K-3:

Experience, sort and classify phenomena and objects based on one or two properties.

A. Observe and compare objects.

STANDARD FIVE: ENVIRONMENTAL SYSTEMS

Apply scientific methods to issues involving relationships among the individual, the society, the economy and the environment.

GOAL 1: Primary/Grades Pre-K-3:

Observe how the personal use of materials, energy and water impacts the environment.

A. Observe human impact on environment.

GOAL 2:

Observe responses of organisms to changes in the environment.

A. Observe the four seasons and their impact on behavior.