

"Prairies, Plants, and Prints"  
West Plains Elementary ArtStream 2007  
Grade Level Expectations

ART

Strand I: Product/ Performance

3. Communicate ideas about subject matter and themes in artworks created for various purposes.

C. Theme

Grade 4 Create an original artwork that communicates ideas about the following themes:

Missouri

The Environment

Time

Strand II: Elements and Principles

1. Select and use elements of art for their effect in communicating ideas through artwork.

B. Shapes

Grade 4 Identify and use organic (free form) shapes.

G. Space

Grade 4 Identify and use positive and negative space

Strand III: Artistic Perceptions

2. Analyze and evaluate art using art vocabulary

A. Art Criticism

Grade 4 Describe the use of the following in artworks:

Outlines, Organic Shapes, Organic Forms, Positive and Negative Space

SCIENCE

Strand IV: Changes in Ecosystems and Interactions of Organisms with their Environments

1. Organisms are interdependent with one another and with their environment

A. All populations living together within a community interact with one another and with their environment in order to survive and maintain a balanced ecosystem

Grade 4 a. Identify the ways a specific organism may interact with other organisms or with the environment (e.g., pollination, seed dispersal,

camouflage, etc)

Grade 4 b. Recognize different environments (i.e., pond, forest, prairie) support the life of different types of plants and animals.

D. The diversity of species within an ecosystem is affected by changes in the environment, which can be caused by other organisms or outside processes

Grade 4 a. Identify examples in Missouri where human activity has had a beneficial or harmful effect other organisms (e.g. feeding birds, littering vs. picking up trash, hunting/conservation of species, paving/restoring greenspace)

SC IV, 3. Genetic variation sorted by the natural selection process explains evidence of biological evolution

C. Natural selection is the process of sorting individuals based on their ability to survive and reproduce within their ecosystem

4 a. Identify specialized structures and describe how they help plants survive in their environment (e.g., root, cactus needles, thorns, winged seed, waxy leaves)