**Grade Two**

*Characteristics and*

*Structure of Life*

1. Explain that animals, including people, need air, water,

food, living space and shelter; plants need air, water,

nutrients (e.g., minerals), living space and light to survive.

2. Identify that there are many distinct environments that

support different kinds of organisms.

3. Explain why organisms can survive only in environments

that meet their needs (e.g., organisms that once lived on

Earth have disappeared for different reasons such as

natural forces or human-caused effects).

*Heredity* 4. Compare similarities and differences among individuals of

the same kind of plants and animals, including people.

*Diversity and*

*Interdependence of*

*Life*

5. Explain that food is a basic need of plants and animals

(e.g., plants need sunlight to make food and to grow,

animals eat plants and/or other animals for food, food

chain) and is important because it is a source of energy

(e.g., energy used to play, ride bicycles, read, etc.).

6. Investigate the different structures of plants and animals

that help them live in different environments (e.g., lungs,

gills, leaves and roots).

7. Compare the habitats of many different kinds of Ohio

plants and animals and some of the ways animals depend

on plants and each other.

8. Compare the activities of Ohio's common animals (e.g.,

squirrels, chipmunks, deer, butterflies, bees, ants, bats and

frogs) during the different seasons by describing changes

in their behaviors and body covering.

9. Compare Ohio plants during the different seasons by

describing changes in their appearance.

**A C A D E M I C C O N T E N T S TA N D A R D S**

Life Sciences