



Kentucky Academic Standards Addressed By Zoo Program

GUIDED TOURS — ADAPTATIONS

Program description:

Discover how nature works. Search for clues to discover how plants and animals survive in the wild. Observe the physical and behavioral characteristics that define a species and its role within an ecosystem.

Kentucky *Core Content for Science Assessment* standards addressed by this program:

EARLY PRIMARY – 6TH GRADE

Subdomain: Biological Science

Organizer: Unity and Diversity

Standards:

Early Primary

SC-EP-3.4.1.

Students will explain the basic needs of organisms.

SC-EP-3.4.3.

Students will describe the basic structures and related functions of plants and animals that contribute to growth, reproduction and survival.

Fourth Grade

SC-04-3.4.1.

Students will:

- Compare the different structures and functions of plants and animals that contribute to the growth, survival and reproduction of the organisms;
- Make inferences about the relationship between structure and function in organisms.

Organizer: Biological Change

Standards:

Fifth Grade

SC-05-3.5.2.

Students will understand that all organisms must be able to obtain and use resources, grow, reproduce, and maintain stable internal conditions while living in a constantly changing external environment.

Sixth Grade

SC-06-3.5.1.

Students will explain that biological change over time accounts for the diversity of species developed through gradual processes over many generations.

Subdomain: Unifying Concepts

Organizer: Interdependence

Standards:

Early Primary

SC-EP-4.7.1.

Students will describe the cause and effect relationships existing between organisms and their environments.

Fourth Grade

SC-04-4.7.2.

Students will:

- Describe human interactions in the environment where they live;
- Classify the interactions as beneficial or harmful to the environment using data/evidence to support conclusions.

Fifth Grade

SC-05-4.7.2.

Students will understand that a population consists of all individuals of a species that occur together at a given place and time. All populations living together and the physical factors with which they interact compose an ecosystem.