



Indiana Academic Standards Addressed By Zoo Program

Cat Ambassador Program

Program description:

Observe and discuss what makes each cat uniquely adapted to its environment, its role in the ecosystem and what can be done to protect all cats' natural habitat.

Indiana Science Standards addressed by this program:

GRADES K-6th

Standard 1: The Nature of Science and Technology

Scientific Inquiry

Kindergarten

K.1.1

Raise questions about the natural world.

1st Grade

1.1.2

Investigate and make observations to seek answers to questions about the world, such as "in what ways do animals move?"

The Scientific Enterprise

1st Grade

1.1.3

Recognize that and demonstrate how people can learn much about plants and animals by observing them closely over a period of time. Recognize also that care must be taken to know the needs of living things and how to provide for them.

Standard 3: The Physical Setting

Forces of Nature

Kindergarten

K.3.2

Investigate that things move in different ways, such as fast, slow, etc.

Standard 4: The Living Environment

Diversity of Life

Kindergarten

K.4.1

Give examples of plants and animals.

K.4.2

Observe plants and animals, describing how they are alike and how they are different in the way they look and in the things they do.

1st Grade

1.4.2

Observe and describe that there can be differences, such as size or markings, among the individuals within one kind of plant or animal group.

2nd Grade

2.4.1

Observe and identify different external features of plants and animals and describe how these features help them live in different environments.

6th Grade

- 6.4.3 Describe some of the great variety of body plans and internal structures animals and plants have that contribute to their being able to make or find food and reproduce.

Interdependence of Life

1st Grade

- 1.4.3 Observe and explain that animals eat plants or other animals for food.
- 1.4.4 Explain that most living things need water, food, and air.

2nd Grade

- 2.4.4 Recognize and explain that living things are found almost everywhere in the world and that there are somewhat different kinds in different places.

Interdependence of Life and Evolution

6th Grade

- 6.4.9 Recognize and explain that two types of organisms may interact in a competitive or cooperative relationship, such as producer/consumer, predator/prey, or parasite host.

Environmental Science, Advanced

Standard: Principles of Environmental Science

Environmental Systems

- Env.1.4 Understand and explain that human beings are part of Earth's ecosystems and give examples of how human activities can, deliberately or inadvertently, alter ecosystems.

ADVANCED LIFE SCIENCE: ANIMALS (L) STANDARDS

Standard: Animal Genetics and The Environment

Evolution

- AS.4.14 Compare and contrast adaptations of animals for survival in different environmental conditions.