



# CINCINNATI ZOO & BOTANICAL GARDEN



## Indiana Academic Standards Addressed By Zoo Program

### ANIMAL DEMONSTRATION — INSECTS & THEIR RELATIVES (K-3)

Program description:

Although often misunderstood, these animals are some of the most important on the planet. Your students will learn about insect characteristics, metamorphosis and their role in the food web.

Indiana Science Standards addressed by this program:

#### GRADES K-3rd

#### **Standard 4:** The Living Environment

##### *Diversity of Life*

##### Kindergarten

K.4.1 Give examples of plants and animals.

##### 1<sup>st</sup> 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.

##### 3<sup>rd</sup> Grade

3.4.1 Demonstrate that a great variety of living things can be sorted into groups in many ways using various features, such as how they look, where they live, and how they act, to decide which things belong to which group.

3.4.3 Observe that and describe how offspring are very much, but not exactly, like their parents and like one another.

##### *Interdependence of Life*

##### 1<sup>st</sup> 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.

##### 2<sup>nd</sup> Grade

2.4.3 Observe and explain that plants and animals both need to take in water, animals need to take in food, and plants need light.