

[Kindergarten – Grade 2]

Investigate how living things have adaptations to help them get oxygen, find food, use water and seek shelter. Which animals breathe with lungs and which breathe with gills? Is there a fish that actually spits water to hunt? Who has the most impressive camouflage? Observe hundreds of amazing animal adaptations on a guided scavenger hunt through the Aquarium. *Enhances standards in life science and science inquiry.*

Kindergarten

Ohio Revised Science Standards:

K.LS.1 Living things have specific characteristics and traits.

K.LS.2 Living things have physical traits and behaviors, which influence their survival.

Nature of Science

Science is a way of knowing: The world is discovered through observations

Science is a way of knowing: Exploration leads to observation. Observation leads to questions.

Next Generation Science Standards:

K-LS1-1 Use observations to describe patterns of what plants and animals (including humans) need to survive.

(K-ESS2-1) Use observations (firsthand or from media) to describe patterns in the natural world in order to answer scientific questions.

Grade 1

Ohio Revised Science Standards:

1.LS.1 Living things have basic needs, which are met by obtaining materials from the physical environment.

1.LS.2 Living things survive only in environments that meet their needs.

Nature of Science

Science is a way of knowing: The world is discovered through observations

Science is a way of knowing: Exploration leads to observation. Observation leads to questions.

Next Generation Science Standards:

(1 LS1.A) Structure and Function. All organisms have external parts. Different animals use their body parts in different ways to see, hear, grasp objects, protect themselves, move from place to place, and seek, find, and take in food, water and air. Plants also have different parts (roots, stems, leaves, flowers, fruits) that help them survive and grow.

(1-PS42) Make observations (firsthand or from media) to construct an evidence-based account for natural phenomena

Grade 2

Ohio Revised Science Standards:

2.LS.1 Living things cause changes on earth.

Nature of Science

Science is a way of knowing: The world is discovered through observations

Science is a way of knowing: Exploration leads to observation. Observation leads to questions.

Next Generation Science Standards:

2-LS4-1 Make observations of plants and animals to compare the diversity of life in different habitats.

2-ESS2-3 Obtain information to identify where water is found on Earth and that it can be solid or liquid.