

HABITAT EXPLORATION



[Kindergarten – Grade 2]

Can a sandtiger shark live in Ohio? Can a channel catfish be found in the Atlantic Ocean? Explore the elements of a healthy habitat on this Aquarium adventure. Investigate both freshwater and saltwater environments, compare components of ponds to coral reefs using magnetic scenes, and discover how each unique habitat provides its animal residents with everything they need. *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 exploration

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-ESS3-1 Use a model to represent the relationship between the needs of different plants or animals (including humans) and the places they live.

K-ESS3-3 Communicate solutions that will reduce the impact of humans on land, water, air and/or other living things in the local environments.

First Grade

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 exploration

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

Next Generation Science Standards:

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

(1-LS1-2) Scientists look for patterns and order when making observations about the world

Second Grade

Ohio Revised Science Standards:

2.LS.2 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.