

Amazing Animal Adaptations

Ages 5–9 or Grades K–4

Program Description:

How do animals survive in the wild? In this virtual field trip we focus on the amazing diversity of life on the planet and in our area. In our remotely accessible video, we will be introduced to live teaching animals by tuning into the talk show “Good Morning Animals.” Viewers will learn about how biology and behavior helps animals survive in habitat in unique ways. We will come together in an interactive live stream to share our experiences with local animal adaptations in addition to observation of our teaching animals and stuffed mounts. We will also explore the concept of biomimicry and human adaptations through conversation and games.

Massachusetts Curriculum Standards:

Kindergarten: Life Science

LS1. From Molecules to Organisms: Structures and Processes

K-LS1-1. Observe and communicate that animals (including humans) and plants need food, water, and air to survive. Animals get food from plants or other animals. Plants make their own food and need light to live and grow.

Grade 1: Life Science

LS1. From Molecules to Organisms: Structures and Processes

1-LS1-1. Use evidence to explain that (a) different animals use their body parts and senses 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, and (b) plants have roots, stems, leaves, flowers, and fruits that are used to take in water, air, and other nutrients, and produce food for the plant.

Hitchcock Center for the Environment

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Grade 2: Life Science

LS2. Ecosystems: Interactions, Energy, and Dynamics

2-LS2-3(MA). Develop and use models to compare how plants and animals depend on their surroundings and other living things to meet their needs in the places they live.

Grade 3: Life Science

LS4. Biological Evolution: Unity and Diversity

3-LS4-3. Construct an argument with evidence that in a particular environment some organisms can survive well, some survive less well, and some cannot survive.

Grade 4: Life Science

LS1. From Molecules to Organisms: Structures and Processes

L4-LS1-1. Construct an argument that animals and plants have internal and external structures that support their survival, growth, behavior, and reproduction.