



Endangered Species Animal Discovery

Participants will learn about the environmental and human factors that affect animal survival.

3rd-4th grade:

- ✓ SC03-S2C2-01: Describe how, in a system with many components, the components usually influence one another.
- ✓ SC03-S4C3-03: Explain the interrelationships among plants and animals in different environments: producers, consumers, decomposers.
- ✓ SC03-S4C4-01: Identify adaptations of plants and animals that allow them to live in specific environments.
- ✓ SC03-S4C4-02: Describe ways that species adapt when introduced into new environments.
- ✓ SC03-S4C3-05: Describe how environmental factors in the ecosystem may affect a member organism's ability to grow, reproduce, and thrive.
- ✓ SC03-S2C2-02: Explain why a system may not work if a component is defective or missing.
- ✓ SC03-S3C1-02: Describe the beneficial and harmful impacts of natural events and human activities on the environment.
- ✓ SC03-S4C4-03: Cite examples of how a species' inability to adapt to changing conditions in the ecosystem led to the extinction of that species.
- ✓ SC04-S4C3-03: Analyze the effect that limited resources may have on an environment.
- ✓ SC04-S4C4-02: Give examples of adaptations that allow plants and animals to survive.
- ✓ SC04-S3C1-01: Describe how natural events and human activities have positive and negative impacts on environments.
- ✓ SC04-S4C3-04: Describe ways in which resources can be conserved.

5th-6th grade:

- ✓ SC05-S3C1-01: Explain the impacts of natural hazards on habitats.

- ✓ SC06-S4C3-02: Describe how the following environmental conditions affect the quality of life: water quality, climate, population density, smog.

7th-8th grade:

- ✓ SC07-S3C1-01: Analyze environmental risks caused by human interaction with biological or geological systems.
- ✓ SC07-S3C1-02: Analyze environmental benefits of the following human interactions with biological or geological systems: reforestation, habitat restoration, construction of dams.
- ✓ SC07-S4C3-03: Analyze the interactions of living organisms with their ecosystems: limiting factors, carrying capacity.
- ✓ SC07-S4C3-05: Predict how environmental factors affect survival rates in living organisms.
- ✓ SC08-S3C1-01: Analyze the risk factors associated with natural, human induced, and/or biological hazards.
- ✓ SC08-S4C4-01: Explain how an organism's behavior allows it to survive in an environment.