

Iowa Common Core Standards for Science

4-H Youth Development Curriculum and Kits from Iowa State University Extension and Outreach, Scott County

Name	Target Grade	Number of Lessons	Iowa Core Content Anchor Standard in Science	Specific Standard(s)
Bats Incredible	K-5	6	Life Science Physical Science Earth & Space Sciences	<p><u>Kindergarten</u> Use observations to describe patterns of what plants and animals (including humans) need to survive. (K-LS1-1) Use a model to represent the relationship between the needs of different plants or animals (including humans) and the places they live. (K-ESS3-1)</p> <p><u>Grade One</u> Plan and conduct investigations to provide evidence that vibrating materials can make sound and that sound can make materials vibrate. (1-PS4-1) Make observations to construct an evidence-based account that young plants and animals are like, but not exactly like, their parents. (1-LS3-1)</p> <p><u>Grade Two</u> Develop a simple model that mimics the function of an animal in dispersing seeds or pollinating plants. (2-LS2-2)</p> <p><u>Grade Three</u> Construct an argument that some animals form groups that help members survive. (3-LS2-1) Analyze and interpret data to provide evidence that plants and animals have traits inherited from parents and that variation of these traits exists in a group of similar organisms. (3-LS3-1) Use evidence to support the explanation that traits can be influenced by the environment. (3-LS3-2)</p>

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Bats Incredible	K-5	6	Life Science Physical Science Earth & Space Sciences	<p><u>Grade Four</u> Construct an argument that plants and animals have internal and external structures that function to support survival, growth, behavior, and reproduction. (4-LS1-1) Use a model to describe that animals receive different types of information through their senses, process the information in their brain, and respond to the information in different ways. (4-LS1-2)</p> <p><u>Grade Five</u> Develop a model to describe the movement of matter among plants, animals, decomposers, and the environment. (5-LS2-1)</p>