

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)
Parasite Sleuth	2-5	5	Life Science Physical Science Earth & Space Sciences	<p><u>Grade Two</u> Plan and conduct an investigation to describe and classify different kinds of materials by their observable properties. (2-PS1-1) Make observations of plants and animals to compare the diversity of life in different habitats. (2-LS4-1)</p> <p><u>Grade Three</u> Develop models to describe that organisms have unique and diverse life cycles but all have in common birth, growth, reproduction, and death. (3-LS1-1) Construct an argument that some animals form groups that help members survive. (3-LS2-1) Use evidence to support the explanation that traits can be influenced by the environment. (3-LS3-2) Use evidence to construct an explanation for how the variations in characteristics among individuals of the same species may provide advantages in surviving, finding mates, and reproducing. (3-LS4-2) Construct an argument with evidence that in a particular habitat some organisms can survive well, some survive less well, and some cannot survive at all. (3-LS4-3)</p> <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) Generate and compare multiple solutions to reduce the impacts of natural Earth processes on humans. (4-ESS3-2)</p> <p><u>Grade Five</u></p>

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Parasite Sleuth	2-5	5	Life Science Physical Science Earth & Space Sciences	Develop a model to describe the movement of matter among plants, animals, decomposers, and the environment. (5-LS2-1) Use models to describe that energy in animals' food (used for body repair, growth, motion, and to maintain body warmth) was once energy from the sun. (5-PS3-1)