

# 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)
Pollen Detective	2-5	5	Life Science Earth & Space Sciences	<p><u>Kindergarten</u> Use observations to describe patterns of what plants and animals (including humans) need to survive. <b>(K-LS1-1)</b> Use a model to represent the relationship between the needs of different plants or animals (including humans) and the places they live. <b>(K-ESS3-1)</b></p> <p><u>Grade Two</u> Develop a simple model that mimics the function of an animal in dispersing seeds or pollinating plants. <b>(2-LS2-2)</b> Make observations of plants and animals to compare the diversity of life in different habitats. <b>(2-LS4-1)</b> Use information from several sources to provide evidence that Earth events can occur quickly or slowly. <b>(2-ESS1-1)</b></p> <p><u>Grade Three</u> Use evidence to support the explanation that traits can be influenced by the environment. <b>(3-LS3-2)</b> Analyze and interpret data from fossils to provide evidence of the organisms and the environments in which they lived long ago. <b>(3-LS4-1)</b> 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. <b>(3-LS4-2)</b></p> <p><u>Grade Five</u> Support an argument that plants get the materials they need for growth chiefly from air and water. <b>(5-LS1-1)</b></p>