

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)
Growing in the Garden: Plants	K-5	41	Life Science Earth & Space Sciences Physical Science	<p><u>Kindergarten</u> Use observations to describe patterns of what plants and animals (including humans) need to survive. (K-LS1-1) Communicate solutions that will reduce the impact of humans on the land, water, air, and/or other living things in the local environment. (K-ESS3-3) 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 Two</u> Plan and conduct an investigation to determine if plants need sunlight and water to grow. (2-LS2-1) Make observations of plants and animals to compare the diversity of life in different habitats. (2-LS4-1) Plan and conduct an investigation to describe and classify different kinds of materials by their observable properties. (2-PS1-1)</p> <p><u>Grade Three</u> Use evidence to support the explanation that traits can be influenced by the environment. (3-LS3-2)</p> <p><u>Grade Four</u> Use and share observations of local weather conditions to describe patterns over time. (4-ESS2-1)</p> <p><u>Grade Five</u> Support an argument that plants get the materials they need for growth chiefly from air and water. (5-LS1-1) Develop a model to describe the movement of matter among plants, animals, decomposers, and the environment. (5-LS2-1)</p>