

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)
Urban Ecologist	2-5	5	Physical Science Life Science Earth & Space Sciences Engineering, Technology & Applications of Science	<p><u>Kindergarten</u> Use observations to describe patterns of what plants and animals (including humans) need to survive. (K-LS1-1) Ask questions, make observations, and gather information about a situation people want to change to define a simple problem that can be solved through the development of a new or improved object or tool. (K-2-ETS1-1) 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) 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)</p> <p><u>Grade One</u> Ask questions, make observations, and gather information about a situation people want to change to define a simple problem that can be solved through the development of a new or improved object or tool. (K-2-ETS1-1)</p> <p><u>Grade Two</u> Analyze data obtained from testing different materials to determine which materials have the properties that are best suited for an intended purpose. (2-PS1-2) Make observations of plants and animals to compare the diversity of life in different habitats. (2-LS4-1) Develop a simple model that mimics the function of an animal in dispersing seeds or pollinating plants. (2-LS2-2) Develop a model to represent the shapes and kinds of land and bodies of water in an area. (2-ESS2-2) Develop a simple sketch, drawing, or physical model to illustrate how the shape of an object helps it function as needed to solve a given problem. (K-2-EST1-2)</p>

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