

# 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)
African Plant Explorer	2-5	5	Physical Science Life Science	<p><u>Grade Two</u> Plan and conduct an investigation to determine if plants need sunlight and water to grow. <b>(2-LS2-1)</b> Make observations of plants and animals to compare the diversity of life in different habitats. <b>(2-LS4-1)</b></p> <p><u>Grade Three</u> 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. <b>(3-LS3-1)</b> Use evidence to support the explanation that traits can be influenced by the environment. <b>(3-LS3-2)</b></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. <b>(4-LS1-1)</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> Support an argument that the gravitational force exerted by Earth on objects is directed down. <b>(5-PS2-1)</b> 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. <b>(5-PS3-1)</b></p>