

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)
Mystery Festival	2-8	5	Life Science Physical Science	<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) 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)</p> <p><u>Grade Four</u> Make observations to provide evidence that energy can be transferred from place to place by sound, light, heat, and electric currents. (4-PS3-2) 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)</p> <p><u>Grade Five</u> Develop a model to describe that matter is made of particles too small to be seen. (5-PS1-1) Make observations and measurements to identify materials based on their properties. (5-PS1-3) Conduct an investigation to determine whether the mixing of two or more substances results in new substances. (5-PS1-4)</p> <p><u>Grade Six</u> Analyze and interpret data on the properties of substances before and after the substances interact to determine if a chemical reaction has occurred. (MS-PS1-2)</p>

