

# 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)
Kitchen Science for Kids	K-5	6	Life Science Physical Science	<p><u>Grade One</u> Plan and conduct investigations to provide evidence that vibrating materials can make sound and that sound can make materials vibrate. <b>(1-PS4-1)</b></p> <p><u>Grade Two</u> Plan and conduct an investigation to describe and classify different kinds of materials by their observable properties. <b>(2-PS1-1)</b></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. <b>(4-PS3-2)</b> 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. <b>(4-LS1-2)</b></p> <p><u>Grade Five</u> Make observations and measurements to identify materials based on their properties. <b>(5-PS1-3)</b> Conduct an investigation to determine whether the mixing of two or more substances results in new substances. <b>(5-PS1-4)</b></p>