

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)
Funtivites Level 1	3-6	16	Physical Science	<p><u>Grade Three</u> Make observations and/or measurements of an object's motion to provide evidence that a pattern can be used to predict future motion. (3-PS2-2) Ask questions to determine cause and effect relationships of electric or magnetic interactions between two objects not in contact with each other. (3-PS2-3) Define a simple design problem that can be solved by applying scientific ideas about magnets. (3-PS2-4)</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-PS2-3) Apply scientific ideas to design, test, and refine a device that converts energy from one form to another. (4-PS3-4) Develop a model of waves to describe patterns in terms of amplitude and wavelength and that waves can cause objects to move. (4-PS4-1)</p> <p><u>Grade Five</u> Support an argument that the gravitational force exerted by Earth on objects is directed down. (5-PS2-1)</p> <p><u>Grade Six</u> Develop models to describe the atomic composition of simple molecules and extended structures. (MS-PS1-1)</p>