

# 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)
Space Geologist	3-5	5	Physical Science Earth & Space Sciences	<p><u>Grade Four</u> Ask questions and predict outcomes about the changes in energy that occur when objects collide. <b>(4-PS3-3)</b></p> <p>Identify evidence from patterns in rock formations and fossils in rock layers to support an explanation for changes in a landscape over time. <b>(4-ESS1-1)</b></p> <p>Make observations and/or measurements to provide evidence of the effects of weathering or the rate of erosion by water, ice, wind, or vegetation. <b>(4-ESS2-1)</b></p> <p><u>Grade Five</u> Support an argument that the gravitational force exerted by Earth on objects is directed down. <b>(5-PS2-1)</b></p>