

# 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)
World of Winter	K-5	6	Physical Science Earth & Space Sciences Life Science	<p><u>Kindergarten</u> Use and share observations of local weather conditions to describe patterns over time. <b>(K-ESS2-1)</b> Make observations to determine the effect of sunlight on Earth's surface. <b>(K-PS3-1)</b></p> <p><u>Grade One</u> Use observations of the sun, moon, and stars to describe patterns that can be predicted. <b>(E-SS1-1)</b> Make observations at different times of year to relate the amount of daylight to the time of year. <b>(1-ESS1-2)</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> Analyze data obtained from testing different materials to determine which materials have the properties that are best suited for an intended purpose. <b>(2-PS1-2)</b> Obtain information to identify where water is found on Earth and that it can be solid or liquid. <b>(2-ESS2-3)</b></p> <p><u>Grade Three</u> Use evidence to support the explanation that traits can be influenced by the environment. <b>(3-LS3-2)</b> Use evidence to construct an explanation for how the variations in characteristics among individuals of the same species may provide advantages in surviving, finding mates, and reproducing. <b>(3-LS4-2)</b></p>

Name	Target Grade	Number of Lessons	Iowa Core Content Anchor Standard in Science	Specific Standard(s)
World of Winter	K-5	6	Physical Science Earth & Space Science Life Science	<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> Analyze and interpret data from maps to describe patterns of Earth's features. <b>(4-ESS2-2)</b></p> <p><u>Grade Five</u> Make observations and measurements to identify materials based on their properties. <b>(5-PS1-3)</b></p>