

5th Grade Science Curriculum Map

	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Essential Questions	<ol style="list-style-type: none"> How do you think like a scientist? How do organisms survive in their environments? 	<ol style="list-style-type: none"> How does technology affect lives? How have we expanded our knowledge of the universe? 	<ol style="list-style-type: none"> How are forces and motion part of everyday life? How do body systems keep us alive? 	<ol style="list-style-type: none"> How do changes in habitats affect living things?
Content in terms of essential concepts and topics	<ol style="list-style-type: none"> Scientific Method Science Skills ISTEP Review Biomes 	<ol style="list-style-type: none"> Positive and Negative effects of technology Telescopes Stars and Galaxies 	<ol style="list-style-type: none"> Heat Energy Gravity Speed and Force Cells Micro-organisms Body Systems 	<ol style="list-style-type: none"> Heredity Changes in Ecosystems Adaptation Protecting the Environment
Standards/skills (i.e., processes and skills emphasized— State Academic Standards, and MCSC skills)	5.1.1-5.1.4 5.2.1, 5.2.4-5.2.8 5.4.2-5.4.8 5.5.1-5.5.5, 5.5.7-5.5.9 5.6.1-5.6.2	5.1.3-5.1.7 5.2.1, 5.2.3, 5.2.6-5.2.7 5.3.1-5.3.3 5.6.1-5.6.2	5.3.4-5.3.13 5.4.9 5.5.1, 5.5.9 5.6.4	5.1.1, 5.1.3, 5.1.5-5.1.7 5.2.1-5.2.2, 5.2.4, 5.2.6-5.2.7 5.4.1, 5.4.4-5.4.5, 5.4.8 5.5.7-5.7.8, 5.5.10 5.6.2-5.6.3
Products/Assessments It is assumed that students will be assessed with traditional tests.	<ul style="list-style-type: none"> Lab Tests Ecosystem Dioramas 	<ul style="list-style-type: none"> Cracker Activity Create Constellations and Story Astro-Lab Lab Tests 	<ul style="list-style-type: none"> Lab Tests 	<ul style="list-style-type: none"> Science Fair Projects Environmental Requirements Research on Endangered Species Identify and Remove materials <u>not</u> related to nature Lab Tests
Resources <i>Optional Resources</i>	<ul style="list-style-type: none"> www.indianastandardsresources.org Teacher Text Resources Labs Wetlands Safari 	<ul style="list-style-type: none"> www.indianastandardsresources.org Teacher Text Resources Labs Wetlands Safari Planetarium 	<ul style="list-style-type: none"> www.indianastandardsresources.org Teacher Text Resources Labs Wetlands Safari 	<ul style="list-style-type: none"> www.indianastandardsresources.org Teacher Text Resources Labs Wetlands Safari <i>Indiana Dunes (Field Trip)</i>