

6th Grade Science Curriculum Map

	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Essential Questions	<ol style="list-style-type: none"> How are living things alike and different? What are the parts of a cell? How do living things reproduce? 	<ol style="list-style-type: none"> How do body parts work together? What processes take place in plants? How do organisms live together in ecosystems? How do energy, organisms, and the environment interact? 	<ol style="list-style-type: none"> How can we use the earth's resources wisely? What are the effects of the movements of the earth and moon? What is the earth's place in the universe? How can robots help us now and in the future? 	<ol style="list-style-type: none"> How can the properties of matter change? How can energy change from one form to another?
Content in terms of essential concepts and topics	<ol style="list-style-type: none"> Classifications Cells Reproduction Safety and Procedures 	<ol style="list-style-type: none"> Body Systems Plants Biomes Ecosystems 	<ol style="list-style-type: none"> Earths Resources Mars Mission 	<ol style="list-style-type: none"> Matter Changing Energy Forms Rocketry
Standards/skills (i.e., processes and skills emphasized— State Academic Standards, and MCSC skills)	6.4.1-6.4.9 6.4.12 6.7.1	6.3.18 6.4.1 6.4.3 6.4.11 6.4.12 6.7.1	6.1.2-6.1.9 6.2.1-6.2.8 6.3.1-6.3.17, 6.3.19 6.4.10-6.4.11, 6.4.13 6.5.1-6.5.3, 6.5.6-6.5.7 6.6.1 6.7.2	6.1.1 6.2.3-6.2.4 6.3.17-6.3.20 6.3.22-6.3.23 6.4.1 6.5.4 6.6.2-6.6.3 6.7.2-6.7.3
Products/Assessments It is assumed that students will be assessed with traditional tests.	<ul style="list-style-type: none"> Robert Crown Theater My Birth Report Life Map 	<ul style="list-style-type: none"> Dioramas Power Point Posters (Cells) 	<ul style="list-style-type: none"> Planetarium Mars Mission 	<ul style="list-style-type: none"> Rocket Launch
Resources	<ul style="list-style-type: none"> www.indianastandardsresources.org Teacher Text Resources Internet Robert Crown Packet Safari 	<ul style="list-style-type: none"> www.indianastandardsresources.org Teacher Text Resources Internet Indiana Dunes National Lakeshore Fast Plants West Beach Succession Safari Pin Hook Bog 	<ul style="list-style-type: none"> www.indianastandardsresources.org Teacher Text Resources Internet Planetarium Visits Challenger Center Red Book Safari 	<ul style="list-style-type: none"> www.indianastandardsresources.org Teacher Text Resources Internet Kits Safari