

4th Grade Science Curriculum Map

	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Essential Questions	What makes up our solar system and how does it affect us on earth?	What is the earth made of and how does it change over time?	What are the forms of energy and how do we use it to improve technology?	What factors influence the health and survival of any ecosystem?
Content in terms of essential concepts and topics	-Sun, Moon, & Planets (Ch.7) -Earth's Weather (Ch. 9) -Astronomy (Planetarium)	-Earth's History (Ch.5) -Earth's Surface & Interior (Ch. 6) -Earth's Water (Ch. 8)	-Properties of Matter (Ch.10) -Changes in Matter (Ch.11) -Forms of Energy (Ch. 12) -Electricity & Magnetism (Ch. 13)	-From Cells to Ecosystems (Ch. 1) -Plants (Ch. 2) -Describing Animals (Ch.3) -Life Processes (Ch. 4) -Great Body Shop
Standards/skills (i.e., processes and skills emphasized— State Academic Standards, and MCSC skills)	-Sun, Moon, & Planets 1.1; 1.4; 2.4; 2.5; 3.1; 3.8; 6.3 -Earth's Weather 1.1; 1.3; 2.4; 3.2; 3.4 -Planetarium 1.5; 1.7; 3.1; 3.2; 3.4; 3.5; 3.8; 3.11; 3.12; 3.13; 3.15; 4.3; 4.7	-Earth's History 1.1; 1.2; 1.3; 2.4; 3.5; 3.6; 3.7; 4.8; 6.4 -Earth's History & Interior 1.1; 1.3; 2.4; 3.5; 3.7 - Earth's Water 1.1; 1.2; 1.3; 2.2; 2.4; 2.5; 3.3; 3.4; 3.5	-Properties of Matter 1.1; 1.9; 2.1; 2.4; 3.2; 3.10 -Changes in Matter 1.1; 1.2; 1.3; 1.4; 2.4 -Forms of Energy 1.1; 1.3; 1.4; 2.4; 3.9; 3.11; 3.12; 3.13; 3.14; 4.2; 6.3 -Electricity & Magnetism 1.3; 1.4; 1.5; 2.3; 2.5; 3.15; 3.16	-From Cells to Ecosystems 1.1; 1.2; 1.3; 2.4; 3.3; 4.1; 4.2; 4.3; 4.4; 4.6; 4.7; 6.4 -Plants 1.1; 1.3; 4.3; 4.4; 4.5 -Describing Animals 1.1; 1.2; 1.3; 2.5 -Life Processes 1.1; 1.2; 1.3; 2.4; 6.3 -Great Body Shop 4.9; 4.10; 4.11
Products/Assessments It is assumed that students will be assessed with traditional tests.	www.indianastandardsresources.org ** Activities to cover Standards 1.6; 1.8; 5.1; 5.2; 5.3; 5.4; 5.5; 6.1; 6.2 can be found at above website.	www.indianastandardsresources.org ** Activities to cover Standards 1.6; 1.8; 5.1; 5.2; 5.3; 5.4; 5.5; 6.1; 6.2 can be found at above website	www.indianastandardsresources.org ** Activities to cover Standards 1.6; 1.8; 5.1; 5.2; 5.3; 5.4; 5.5; 6.1; 6.2 can be found at above website.	www.indianastandardsresources.org ** Activities to cover Standards 1.6; 1.8; 5.1; 5.2; 5.3; 5.4; 5.5; 6.1; 6.2 can be found at above website.
Resources	www.indianastandardsresources.org Planetarium	www.indianastandardsresources.org	www.indianastandardsresources.org	www.indianastandardsresources.org