



## 5<sup>th</sup> Grade Science 2015-2016

Quarter	UNIT	OBJECTIVE	MAJOR TOPICS/CONCEPTS
1	Ecosystems	1a-h, 3a, 3e	Organisms have evolved as a result of environmental changes.  Organisms are related in food chains and food webs.
1	Organisms	1a-h, 3b, 3c, 3d	Living things can be classified  There are 2 types of reproduction: sexual and asexual
2	Elements and Matter	1a-h, 2a, 2b, 2f	The properties of an object affect how it acts and interacts.  Differentiate between elements, compounds, and mixtures, and between chemical and physical changes.  Matter has physical properties.
2	Energy and Motion	1a-h, 2c, 2d, 2e, 2g	The motion of an object can be categorized in terms of its position, direction of motion, and speed.  Potential energy can be classified as gravitational, elastic, or chemical.  There are several properties of light.  Materials can be categorized as conductors or insulators.
3	Earth Science	1a-h, 4a, 4b	Earth's materials can be categorized.  Surface features caused by constructive processes differ from destructive processes.
3	Weather and Climate	1a-h, 4c	Summarize how weather changes from day to day and over the seasons with appropriate measurement tools.
4	Human Impact	1a-h, 4d, 4g	Humans have an effect on the environment and natural resources.  May Earth resources are limited.
4	Space	1a-h, 4e, 4f	The Sun, Moon, and Earth move in specific pattern over a specified time period.  Each planet has a number of similar and/or different physical characteristics.

NOTE: Objectives 1a-h are included throughout the pacing guide in accordance with the Framework Guidelines provided by the MDE.