



Mississippi
5th GRADE SCIENCE
2016-2017 Pacing Guide

Note: Objectives for (1a-h) have been included throughout the pacing guide in accordance with the Framework Guidelines provided by the Mississippi State Department of Education.

Unit	Objective	Major Topics/Concepts
Unit 1: Ecosystems	1a-h 3a 3e	<ul style="list-style-type: none"> Organisms have evolved as a result of environmental changes. Organisms are related in food chains and food webs.
Unit 2: Organisms	1a-h 3b 3c 3d	<ul style="list-style-type: none"> Living things can be classified. There are two types of reproduction: asexual and sexual.
1st Cumulative Benchmark (covering all content to this point)		
Unit 3: Elements and Matter	1a-h 2a 2b 2f	<ul style="list-style-type: none"> 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.
Unit 4: Energy and Motion	1a-h 2c 2d 2e 2g	<ul style="list-style-type: none"> 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.
2nd Cumulative Benchmark (covering all content to this point)		
Unit 5: Earth Science	1a-h 4a 4b	<ul style="list-style-type: none"> Earth's materials can be categorized. Surface features caused by constructive processes differ from destructive processes.
Unit 6: Weather and Climate	1a-h 4c	<ul style="list-style-type: none"> Summarize how weather changes from day to day and over the seasons with appropriate measurement tools.
Unit 7: Human Impact	1a-h 4d 4g	<ul style="list-style-type: none"> Humans have an effect on the environment and natural resources. Many Earth resources are limited.
Unit 8: Space	1a-h 4e 4f	<ul style="list-style-type: none"> The Sun, Moon, and Earth move in a specific pattern over a specified time period. Each planet has a number of similar and/or different physical characteristics.
Final Comprehensive Benchmark (covering all content)		