

Grade 5 Science Pacing Guide

Structure and Properties of Matter	Marking Period 1
<ul style="list-style-type: none"> ● Properties of matter ● Physical and chemical changes of matter ● Mixing matter and the effects ● Conservation of matter 	September-November 25 Days
Matter and Energy in Organisms and Ecosystems	Marking Period 2
<ul style="list-style-type: none"> ● Food chains ● Energy transfer from the sun to food to animal through chemical process ● Healthy ecosystems ● Growth cycle of plants/ factors needed for plant growth ● Photosynthesis 	November-January 17 Days
Space Systems: Stars and the Solar System	Marking Period 3
<ul style="list-style-type: none"> ● Observing the length of day and night during different times of year ● Classification of stars ● Seasonal appearance of some stars ● Shadows (related to Earth's position relative to the sun) ● Gravity 	January-April 26 Days
Earth's Systems	Marking Period 4
<ul style="list-style-type: none"> ● Interactions between geosphere, biosphere, hydrosphere, and/or atmosphere ● Distribution of salt and freshwater on Earth ● Protecting Earth's resources and environments 	April-June 20 Days