

Grade 4 Pacing Guide for New Jersey Student Learning Standards: Science

Established 2017-2018

Revised 2019-2020

Revised 2020-2021

Revised 2021-2022

Revised 2022-2023

<p>Marking Period 1 45 Days</p> <p>Unit 1 Engineering and Technology (15 Days)</p> <ul style="list-style-type: none"> • Science Safety • Engineering Design Process <p>Unit 2 Energy (30 Days)</p> <ul style="list-style-type: none"> • Forms of energy • Transfer of energy 	<p>Marking Period 2 45 Days</p> <p>Unit 3 Waves and Information (23 Days)</p> <ul style="list-style-type: none"> • Waves • Light • How is information transferred? <p>Unit 4 Plant Structure and Function (22 Days)</p> <ul style="list-style-type: none"> • Plant parts and function • Plant growth and reproduction
<p>Marking Period 3 45 Days</p> <p>Unit 5 Animal Structure and Function (22 days)</p> <ul style="list-style-type: none"> • External structures of animals • Internal structures of animals • Senses <p>Unit 6 Changes to Earth’s Surface (23 days)</p> <ul style="list-style-type: none"> • Water shapes Earth’s surface • What else shapes Earth’s surface? • Maps of the Earth’s surface 	<p>Marking Period 4 45 Days</p> <p>Unit 7 Rocks and Fossils (15 Days)</p> <ul style="list-style-type: none"> • Rock layers • Fossil patterns <p>Unit 8 Natural Resources and Hazards (20 Days)</p> <ul style="list-style-type: none"> • Nonrenewable resources • Renewable resources • How can people reduce the impact of climate change and natural hazards? <p>Introduction to Scientific Research (10 days)</p> <ul style="list-style-type: none"> • Scientific research using the internet and other sources • Writing a Science Research Paper

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