

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
 Revised 2023-2024
Revised 2024-2025

Trimester 1	Trimester 2	Trimester 3
<p>60 Days</p> <p>Unit 1 Engineering and Technology (15 Days)</p> <ul style="list-style-type: none"> ● Science Safety ● Engineering Design Process <p>Unit 3 Energy and Communication (45 Days)</p> <ul style="list-style-type: none"> ● Forms of energy ● Transfer of energy ● Waves ● How is information transferred? 	<p>60 Days</p> <p>Unit 4 Shaping Landforms (30 days)</p> <ul style="list-style-type: none"> ● Factors that Shape Earth’s Surface ● Rock Layers Record Landform Changes <p>Unit 5 Earth’s Features and Resources (30 days)</p> <ul style="list-style-type: none"> ● Patterns visible on maps of the Earth’s surface ● How can people reduce the impact of climate change and natural hazards? ● Renewable and Nonrenewable resources 	<p>60 Days</p> <p>Unit 2 Plant and Animal Structure and Function (45 days)</p> <ul style="list-style-type: none"> ● Plant parts and how and they function ● Animal parts and how they function ● How senses work <p>Introduction to STEM Challenge Projects (15 days)</p> <ul style="list-style-type: none"> ● Conducting scientific research on a testable question ● Scientific research using the internet and other sources ● Creating a Google Slides Presentation utilizing scientific research