

Grade 6 Science New Jersey Student Learning Standards Pacing Guide

Established 2016-2017 Revised 2018-2019 Revised 2019-2020 Revised 2020-2021 Revised 2022-2023 Revised 2023-2024 Revised 2024-2025

Trimester 1 (60 Days)

Science Inquiry and Science Safety Skills (20 Days) {MS-ETS1:1-4}	Physical Energy Unit 1- Energy (20 days) {PS3-1, PS3-2, PS3-5}	Physical Energy Unit 2- Energy Transfer (20 Days) {PS3-3, PS3-4}
<ol style="list-style-type: none"> 1. Science Inquiry Process and Scientific Methods 2. Engineering Design Process 3. Lab Safety Skills 4. STEM Challenge 	<ol style="list-style-type: none"> 1. Introduction to Energy 2. Changes in Energy 3. Engineer It: Transforming Energy 	<ol style="list-style-type: none"> 1. Temperature and Heat 2. Engineer It: Thermal Energy Transfer in Systems

Trimester 2 (60 Days)

Earth and Space Sciences Unit 1-Circulation of Earth's Air and Water (25 Days) {ESS2-4, ESS2-6}	Earth and Space Sciences Unit 2- Weather and Climate (15 Days) {ESS2-5, ESS2-6}	Earth and Space Sciences Unit 3 - The Dynamic Earth (20 Days) {ESS2-1, ESS2-2, ESS2-3}
<ol style="list-style-type: none"> 1. Circulation in Earth's Atmosphere 2. Circulation in Earth's Oceans 3. The Water Cycle 	<ol style="list-style-type: none"> 1. Weather and Weather Prediction 2. Influences on Climate <p>STEM Month Activities</p>	<ol style="list-style-type: none"> 1. Geologic Change and Surface Processes 2. The Rock Cycle 3. Earth's Plates

Trimester 3 (60 Days)

Earth and Space Sciences Unit 4-Earth Through Time (15 Days) {ESS1-4}	Earth and Space Sciences Unit 5- Earth's Natural Hazards (15 Days) {ESS3-2}	Life Science Unit 1- Cells and Organization in Organisms (30 Days) {LS1-1, 1-2, 1-3, 1-8}
<ol style="list-style-type: none"> 1. The Age of Earth's Rocks 2. Earth's History 	<ol style="list-style-type: none"> 1. Natural Hazards Prediction 2. Engineer It: Reducing the Effects of Natural Hazards <p>Earth Day Activities</p>	<ol style="list-style-type: none"> 1. Cell Structure and Function 2. Plant Body Systems 3. Animal Body Systems