

New Jersey Student Learning Standards: Science Grade 2 Pacing Guide

Established 2017-2018

Revised 2021-2022

Revised 2022-2023

Revised 2023-2024

Revised 2024-2025

<p align="center">TRIMESTER 1 (approximately 60 days)</p>	<p align="center">TRIMESTER 2 (approximately 60 days)</p>	<p align="center">TRIMESTER 3 (approximately 60 days)</p>
<p>Unit 1: Engineering Design Process (18 - 20 days) [K-2-ETS1-1, K-2-ETS1-2, K-2-ETS1-3]</p> <ul style="list-style-type: none"> ● Compare Design Solutions <ul style="list-style-type: none"> ○ <i>Engineer It:</i> Design a Ramp ○ Compare Features <p>Unit 2: Matter (38 - 40 days) [2-PS1-1, 2-PS1-2, 2-PS1-3, 2-PS1-4]</p> <ul style="list-style-type: none"> ● Properties of Matter <ul style="list-style-type: none"> ○ Sort Objects ○ <i>Engineer It:</i> Explore Properties ● Objects Can Be Put Together <ul style="list-style-type: none"> ○ Explore What Objects Are Made Of ○ Build Objects from Smaller Pieces ● Matter Can Change <ul style="list-style-type: none"> ○ Explore Cooling ○ Explore Heating 	<p>Unit 3: Earth’s Surface (20 - 30 days) [2-ESS2-2, 2-ESS2-3]</p> <ul style="list-style-type: none"> ● Water on Earth <ul style="list-style-type: none"> ○ Observe Water All Around ○ Observe Temperature Changes to Water ● Landforms on Earth <ul style="list-style-type: none"> ○ Model Landforms ○ Mapping Landforms and Bodies of Water <p>Unit 4: Changes to Earth’s Surface (40 - 42 days) [2-ESS1-1, 2-ESS2-1]</p> <ul style="list-style-type: none"> ● Slow Changes on Earth <ul style="list-style-type: none"> ○ Try to Change Rocks ○ Model Weathering and Erosion ● Fast Changes on Earth <ul style="list-style-type: none"> ○ Model an Earthquake ○ Model a Volcano ○ Model Moving Water ● Prevent Wind and Water from Changing Land <ul style="list-style-type: none"> ○ Explore Changing Land ○ <i>Engineer It:</i> Prevent Water from Changing Land 	<p>Unit 5: Environments for Living Things (~60 days) [2-LS2-1, 2-LS2-2, 2-LS4-1, K-2-ETS1-2]</p> <ul style="list-style-type: none"> ● Plant Needs <ul style="list-style-type: none"> ○ Explore Sunlight and Water ○ Explore Space for Plants ● Plants Depend on Animals <ul style="list-style-type: none"> ○ <i>Engineer It:</i> Spread Seeds ○ Model Moving Pollen ● Plants and Animals in Land Habitats <ul style="list-style-type: none"> ○ Model a Plant ○ Model an Animal ● Plants and Animals in Water Habitats <ul style="list-style-type: none"> ○ Compare Water Habitats ○ Model a Water Habitat