

New Jersey Student Learning Standards: Science Kindergarten Pacing Guide

Established 2017-2018
Revised 2019-2020
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) [PE K-2-ETS1-1, K-2-ETS1-2, K-2-ETS1-3]</p> <ul style="list-style-type: none"> ● Using a Design Process <ul style="list-style-type: none"> ○ Exploration 1 - Explore a Problem ○ Exploration 2 - Solve a Problem <p>Unit 2: Plants and Animals (38 - 40 days) [K-LS-1-1, K-ESS3-1]</p> <ul style="list-style-type: none"> ● What Plants Need <ul style="list-style-type: none"> ○ Explore Plants and Water ○ Plants and Sunlight ● What Animals Need <ul style="list-style-type: none"> ○ Explore People Needs ○ Make a Pill Bug Home ● Where Plants and Animals Live <ul style="list-style-type: none"> ○ Match Animals Home ○ Observe Where Plants Live 	<p>Unit 3: Resources in Environments (33 - 35 days) [K-ESS2-2, K-ESS3-1, K-ESS3-3]</p> <ul style="list-style-type: none"> ● Plants and Animals Make Changes <ul style="list-style-type: none"> ○ Look at a Worm Home ○ Look at Plant Changes ○ Plan a Playground ● Natural Resources <ul style="list-style-type: none"> ○ Match the Resource ○ <i>Engineer It:</i> Find Solutions for Trash <p>Unit 4: Weather (28 - 30 days) [K-ESS2-1, K-ESS3-2, K-PS3-1, K-PS3-2, K-2-ETS-1-1, K-2-ETS-1-2]</p> <ul style="list-style-type: none"> ● Protection from the Sun <ul style="list-style-type: none"> ○ Test the Sun's Heat ○ <i>Engineer It:</i> Plan and Build Shade ● Weather Patterns <ul style="list-style-type: none"> ○ Measure Temperature ○ Patterns in Weather 	<p>Unit 4: Weather (18-20 days)</p> <ul style="list-style-type: none"> ● Prepare for Weather <ul style="list-style-type: none"> ○ Weather Reports ○ Prepare for Severe Weather <p>Unit 5: Pushes and Pulls (33-35) [K-PS2-1, K-PS2-2, K-2-ETS1-1, K-2-ETS1-2]</p> <ul style="list-style-type: none"> ● All About Motion <ul style="list-style-type: none"> ○ Push or Pull ○ Change Motion ● Change the Way Things Move <ul style="list-style-type: none"> ○ Roll a Ball ○ <i>Engineer It:</i> Design a Track