

**New Jersey Student Learning Standards: Science Grade 1 Pacing Guide**

Established 2017-2018

Revised 2019-2020

Revised 2022-2023

Revised 2023-2024

**Revised 2024-2025**

<p align="center"><b>TRIMESTER 1</b> (approximately 60 days)</p>	<p align="center"><b>TRIMESTER 2</b> (approximately 60 days)</p>	<p align="center"><b>TRIMESTER 3</b> (approximately 60 days)</p>
<p><b>Unit 1: Engineering Design Process</b> (12 - 15 days) [K-2-ETS1-1, K-S-ETS-1-2, K-2-ETS1-3]</p> <ul style="list-style-type: none"> <li>● Using a Design Process                             <ul style="list-style-type: none"> <li>○ <i>Engineer It:</i> Explore a Problem</li> <li>○ <i>Engineer It:</i> Solve a Problem</li> </ul> </li> </ul> <p><b>Unit 2: Light and Sound</b> (43 - 45 days) [1-PS4-1, 1-PS4-2, 1-PS4-3, 1-PS4-4]</p> <ul style="list-style-type: none"> <li>● All About Light                             <ul style="list-style-type: none"> <li>○ Watch It Glow</li> <li>○ Make Observations in Different Light</li> </ul> </li> <li>● Lights and Materials                             <ul style="list-style-type: none"> <li>○ Reflect Light</li> <li>○ Test What Happens to Light</li> </ul> </li> <li>● All About Sound                             <ul style="list-style-type: none"> <li>○ <i>Engineer It:</i> Send a Message</li> <li>○ Make Something Move with Sound</li> </ul> </li> </ul>	<p><b>Unit 3: Plant Parts</b> (28 - 30 days) [1-LS1-1, 1-LS3-1, K-2-ETS1-1]</p> <ul style="list-style-type: none"> <li>● Parts Help Plants Live                             <ul style="list-style-type: none"> <li>○ Observe Roots and Leaves</li> <li>○ Observe Stems</li> <li>○ <i>Engineer It:</i> Ideas from Plants</li> </ul> </li> <li>● Plants and Their Parents                             <ul style="list-style-type: none"> <li>○ Grow Carrot Tops</li> <li>○ Compare Parts</li> </ul> </li> </ul> <p><b>Unit 4: Animal Parts</b> (28-30 days) [1-LS1-1, 1-LS1-2, 1-LS3-1]</p> <ul style="list-style-type: none"> <li>● Parts Help Animals Live                             <ul style="list-style-type: none"> <li>○ Observe Animal Parts</li> <li>○ <i>Engineer It:</i> Ideas from Animals</li> </ul> </li> <li>● Animals and Their Parents                             <ul style="list-style-type: none"> <li>○ Explore Animal Families</li> <li>○ Match the Animals</li> </ul> </li> </ul>	<p><b>Unit 4: Animal Parts</b> (8-10 days)</p> <ul style="list-style-type: none"> <li>● Animals Take Care of Their Young                             <ul style="list-style-type: none"> <li>○ Describe How Animals Help Young</li> <li>○ Compare Animal Parents</li> </ul> </li> </ul> <p><b>Unit 5: Objects and Patterns in the Sky</b> (25-30 days) [1-ESS1-1, 1-ESS1-2]</p> <ul style="list-style-type: none"> <li>● Patterns in the Sky                             <ul style="list-style-type: none"> <li>○ Observe the Daytime and Nighttime Sky</li> <li>○ Trace a Shadow</li> </ul> </li> <li>● Patterns of Daylight                             <ul style="list-style-type: none"> <li>○ Measure Daylight</li> <li>○ Observe Patterns of Sunrise and Sunset</li> </ul> </li> </ul>