

Elementary Science Resources

Below are links to information about the science units East Brunswick elementary students engage in throughout the year. There are three columns for each grade level because each year students study three units focusing on life science, earth science, and physical science. The first row links to a summary of the unit and learning goals, the second row provides a home friendly fun activity you can engage in with your child that aligns to the unit.

The activities are from the NSTA (National Science Teaching Association) “Daily Do” series, and were made available during the pandemic to ensure students continue to develop science practices in and out of school. The “Daily Do’s” provide guidance on questions to ask that develop scientific thinking and oftentimes link to resources that support the content. Sometimes the lessons refer to “students” or class, but the activities were posted by the NSTA with the intent to be conducted at home with the family.

Kindergarten		
Trees and Weather	Materials and Motion	Sunshine and Shadows
Daily Do: Seasons	Daily Do: Marble Rolling Daily Do: Pushes and Pulls	Daily Do: Shadows Over Time

First Grade		
Air and Weather	Sound and Light	Organisms
Daily Do: How does Air Make Things Move	Daily Do: Did You Get My Message	Daily Do: Are they the Same

Second Grade		
<u>Solids and Liquids</u>	<u>Water and Climate</u>	<u>Life Cycle of Butterflies</u>
<u>Daily Do: Properties</u>	<u>Daily do: Patterns in Weather</u>	<u>Daily Do: Why they Visit the Flower</u>

Third Grade		
<u>Soils Rocks and Landforms</u>	<u>Energy</u>	<u>Structures of Life</u>
<u>Daily Do: How Plants Break Rocks</u>	<u>Daily Do: What Do Some Objects Stick to Refrigerator</u>	<u>Daily Do: Isopods</u>

Fourth Grade		
<u>Astronomy</u>	<u>Motion and Design</u>	<u>Animal Studies</u>
<u>Daily Do: Objects in the Sky</u> <u>Daily Do: Moon</u>	<u>Daily Do: Airplane Design</u>	<u>Daily Do: Neighborhood Wildlife</u>

Fifth Grade		
<u>Microworlds</u>	<u>Ecosystems</u>	<u>Mixtures and Solutions</u>
<u>Daily Do: Water as a lens</u>	<u>Covid and Environment</u> <u>Daily Do: Shrimp in Closed System</u>	<u>Daily Do: Reactions</u>