

√	Date	Checks for Understanding
		<b>Embedded Inquiry</b>
		<b>Column1</b>
		0007.Inq.1 Use senses and simple tools to make observations.
		0007.Inq.2 Communicate interest in simple phenomena and plan for simple investigations.
		0007.Inq.3 Communicate understanding of simple data using age-appropriate vocabulary.
		0007.Inq.4 Collect, discuss, and communicate findings from a variety of investigations.
		<b>Embedded Technology &amp; Engineering</b>
		0007.T/E.1 Explain how simple tools are used to extend the senses, make life easier, and solve everyday problems.
		0007.T/E.2 Invent designs for simple products.
		0007.T/E.3 Use tools to measure materials and construct simple products.
		<b>Cells</b>
		0007.1.1 Use puzzles to determine that there are many parts that make up a whole.
		0007.1.2 Use building blocks to create a whole from the parts.
		0007.1.3 Take apart an object and describe how the parts work together.
		<b>Interdependence</b>
		0007.2.1 Categorize objects or images of objects as living or non-living according to their characteristics.
		0007.2.2 Use the senses to investigate and describe an object.
		Flow of Matter and Energy
		0007.3.1 Observe plants and animals and make records of their similarities and differences.
		0007.3.2 Record information about the care, feeding, and maintenance of a living thing.
		<b>Flow of Matter and Energy</b>
		0007.4.1 Observe a plant to identify how it changes as it grows from a seed to the adult plant and record data using non-standard measurement devices.
		0007.4.2 Match pictures of seedlings to adult plants and a juvenile to the adult animal.
		<b>Biodiversity and Change</b>
		0007.5.1 Use a variety of representations to describe similarities and differences among plants and animals.
		0007.5.2 Create a mural of an ecosystem and compare the characteristics of animals and plants within that environment.
		0007.5.3 Match pictures of animal and plant characteristics needed for survival to appropriate environments
		<b>The Universe</b>
		0007.6.1 Create a Venn diagram to compare the objects that can be seen in the day and night sky.
		0007.6.2 Observe, discuss, and draw objects found in the day and night sky.
		<b>The Earth</b>
		0007.7.1 Identify non-living materials found on the school site and discuss how these materials are similar and different.
		0007.7.2 Investigate and compare a variety of non-living materials using simple tools.
		0007.7.3 Observe familiar environments and make lists of natural and man-made objects.
		<b>The Atmosphere</b>
		0007.8.1 Collect, compare, and record daily weather data during different seasons.
		0007.8.2 Infer the relationship between temperature and seasonal change by maintaining a paper chain on which dates are recorded and temperature described according to different colors.
		<b>Matter</b>
		0007.9.1 Observe, identify, and compare the properties of various objects such as color, shape, and size.
		0007.9.2 Observe, discuss, and compare characteristics of various solids and liquids.
		<b>Energy</b>
		0007.10.1 Place a thermometer in a sunny window and one in a shady area of the classroom and record the temperatures over time. Compare, discuss, and record any temperature differences.
		0007.10.2 Investigate the temperature differences in various locations around the school. Discuss and record the results.

		0007.10.3 Place a thermometer under pieces of different colored paper on a sunny window. Compare results and discuss possible causes.	
		<b>Forces in Nature</b>	
		0007.11.1 Use a variety of objects to demonstrate different types of movement. (e.g., straight line/zigzag, backwards/forward, side to side, in circles, fast	

Kindergarten Science Checklist





/slow).