

**Strand 3: Life Science**  
**Topic: Organization of Living Things**  
**Standard 2.**

**SCIENCE**

**KINDERGARTEN**

<p><b>Standard 2:</b> All students will use classification systems to describe groups of living things; will compare and contrast differences in the life cycles of living things; will investigate and explain how living things obtain and use energy; will analyze how parts of living things are adapted to carry out specific functions.</p>			
<b>Benchmarks</b>	<b>Benchmark 1.</b>  Explain characteristics and functions of observable body parts in a variety of animals.	<b>Benchmark 2.</b>  Compare and contrast (K-2) or classify (3-5) familiar organisms on the basis of observable physical characteristics.	<b>Benchmark 3.</b>  Describe the cycles of familiar organisms.
<b>Performance Indicators</b>	<p><b>Students will:</b></p> <p>Explain how different body parts of animals help them to survive in their environment (fur, feathers, skin, claws, beaks).</p> <p>Recognize that different animals have similar body coverings.</p>	<p><b>Students will:</b></p> <p>Recognize that plants are living things and have characteristics that make them different from each other and from other living things.</p> <p>Recognize similarities in plants and animals.</p> <p>Identify animals as living things.</p> <p>Recognize that different animals have similar body coverings.</p>	<p><b>Students will:</b></p> <p>Recognize life cycle stages (egg, larva, pupa, and adult) of familiar animals.</p> <p><i>An animal goes through a series of growth and developmental stages called its life cycle.</i></p>
<b>Suggested Resources/ Lessons</b>		<p><u>Unit B Plants</u>            Lessons 1, 3, 4, 5, 7            Big Book, Links</p> <p><u>Unit A Animals</u>            Lessons 1-6            Picture Cards            Library books, posters, Big Books, Links            Music track 1, 2</p>	<p><u>Plants</u> Big Book pg. 24            Lesson 6, activity cards, links</p> <p><u>Animals</u> Big Book pgs. 12-13            Lesson 7            Activity cards            Picture cards            Links            Library books            Posters            Big Book: <u>Tiny Seed</u>            Music Track 4            Posters/pictures of life cycle            Butterfly gardens</p>
<b>Assessment</b>		<p>Are plants living things?            Are animals living things?            Tell me how plants and animals are alike.            Unit assessment</p>	<p>Child will draw/cut out and sequence life cycle. (journal, art project)            Unit assessment            Point to and identify egg, larva, pupa and adult on a poster.</p>