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

Standard 2: 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.

Benchmarks	**Benchmark 1.** **Explain characteristics and functions of observable body parts in a variety of animals.**	**Benchmark 2.** **Compare and contrast (K-2) or classify (3-5) familiar organisms on the basis of observable physical characteristics.**	**Benchmark 3.** **Describe the cycles of familiar organisms.**
Performance Indicators	**Students will:** Explain how different body parts of animals help them to survive in their environment (fur, feathers, skin, claws, beaks). Recognize that different animals have similar body coverings.	**Students will:** Recognize that plants are living things and have characteristics that make them different from each other and from other living things. Recognize similarities in plants and animals. Identify animals as living things. Recognize that different animals have similar body coverings.	**Students will:** Recognize life cycle stages (egg, larva, pupa, and adult) of familiar animals. *An animal goes through a series of growth and developmental stages called its life cycle.*
Suggested Resources/ Lessons		Unit B Plants Lessons 1, 3, 4 , 5, 7 Big Book, Links Unit A Animals Lessons 1-6 Picture Cards Library books, posters, Big Books, Links Music track 1, 2	Plants Big Book pg. 24 Lesson 6, activity cards, links Animals Big Book pgs. 12-13 Lesson 7 Activity cards Picture cards Links Library books Posters Big Book: Tiny Seed Music Track 4 Posters/pictures of life cycle Butterfly gardens
Assessment		Are plants living things? Are animals living things? Tell me how plants and animals are alike. Unit assessment	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.