

Science - Life Systems Study Guide

Please refer to your child's **two** Life Systems booklets to study for the unit test.

Students should know:

1. The components of an ecosystem include an organism, a species, a community, and an ecosystem
2. Living things can be sorted according to different characteristics
3. Common plants include trees, shrubs, creeping plants, climbing plants, and herbs
4. How animals can be classified as vertebrates and invertebrates
5. Different kinds of vertebrates - mammals, reptiles, amphibians, fish, and birds
6. Different kinds of invertebrates - insects, spiders, and worms
7. Adaptations animals have, including movement, the habitat where they live, and the food they eat
8. The basic needs of plants
9. The parts of a plant and their function for the plant: roots, stem, leaves, flowers, seeds
10. The life cycle of a plant, including seed plants and plants that start as bulbs
11. How seeds spread or disperse from one place to another
12. Plants respond to different stimuli, including light, touch, water, gravity, and temperature
13. Different senses animals use for survival, including super hearing, echolocation, infrared sensing, UV sensing, and magnetoreception

