

Prep-Reception/Prep Junior Science Standards and Benchmarks

Standard 5: Students will understand the structure and function of cells and organisms

Benchmarks:

- 5.1 Knows that living things and nonliving objects are different.
- 5.2 Knows that living things go through a process of growth and change

Standard 6: Students will understand relationships among organisms and their physical environment

Benchmarks:

- 6.1 Understands that living things have similar needs (e.g. water, food)

Standard 7: Students will understand biological evolution and the diversity of life

Benchmarks:

- 7.1 Knows simple ways that living things can be grouped (e.g., appearance, behavior, plant, animal)

Standard 12: Students will understand the nature of scientific inquiry

Benchmarks:

- 12.1 Uses the senses to make observations about living things, nonliving objects, and events
- 12.2 Records information collected about the physical world (e.g. in drawings, simple data charts)
- 12.3 Uses simple tools (e.g. eyedropper, magnifying glasses) to gather information – **not applicable**
- 12.4 Conducts simple investigations to solve a problem or answer a question – **not applicable**
- 12.5 Asks questions about observations – **not applicable**
- 12.6 Develops predictions and explanations based on previous experience – **not applicable**
- 12.7 Understands simple cause-and-effect relationships based on previous experience – **not applicable**

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