

Working with the Tree of Life

ELC-4046

TEKS Standards

Relevant **TEKS** standards for elementary school science:

1. **TEKS §112.15. Science, Grade 4 (4.10)**

- Organisms and environments: The student knows that organisms undergo similar life processes and have structures that help them survive.
- **Explanation:** The questions cover how various organisms, from amphibians to eukaryotes, have structures (like lungs, feathers, or opposable thumbs) and processes (like photosynthesis or molting) that help them survive in their environments.

2. **TEKS §112.16. Science, Grade 5 (5.9)**

- Organisms and environments: The student knows that there are relationships, systems, and cycles within environments.
- **Explanation:** The material addresses interactions in ecosystems (e.g., the role of insects in pollination, the importance of fungi as decomposers), meeting the requirement to understand systems and relationships in nature.

3. **TEKS §112.16. Science, Grade 5 (5.10)**

- Organisms and environments: The student knows that adaptations allow organisms to survive and reproduce in their environment.

- **Explanation:** The material on the adaptations of cephalopods, reptiles, and marsupials highlights how these organisms have evolved specific traits to survive and reproduce in various environments.