

Biology Topics in 1st-8th grade at Toco Hills Home Tutoring

The following is a brief outline of topics covered. Each topic allows for deeper research and study as the child ages.

Botany

The Plant

- Needs of the plant
- Parts of the plant

The Leaf

- Function
- Parts of the leaf
- Variety (Simple classification)

The Root

- Function
- Parts of the root
- Variety (Simple Classification)

The Stem

- Function
- Parts of the stem
- Variety (Simple Classification)

The Flower

- Function
- Parts of the flower
- Variety (Simple Classification)

The Fruit

- What is a Fruit?
- Function
- Parts of the Fruit
- Variety (Simple Classification)

The Seed

- Function
- Parts of the Seed
- Seed Dispersal

Plant Classification

- Kingdom Plantae
- Tracing the Genealogy of a Plant
- Classification

Zoology

Stories about animals

- Habitat
- Food
- Reproduction
- Defense

Story Card Material

- Stories about animal life
- Question/Answer Game

Vertebrates

- Classes of Vertebrates
- Comparison of Classes
- Body systems of Vertebrates
 - Outer protective covering
 - Movement
 - Digestion
 - Circulation
 - Respiration
 - Reproduction
- Skeleton

Animal Classification

- Kingdom Animalia
- Tracing the Genealogy of an Animal
- Classification

Ecology

- Ecosystems
- Interdependencies