



# Science

## Grade 2

### 4th Nine Weeks



This academic overview can be used to monitor and support your child's at-home learning progress.

#### Unit 6: Organisms & Environments

##### Student Learning Targets

- I can compare the ways living organisms depend on each other and on their environments

##### Questions to Check for Unit Understanding

- What do living things need to grow and thrive?
- In what ways do plants and animals depend on each other?
- How do environmental factors such as temperature, precipitation, and changes in daylight hours affect behaviors in organisms like migration, hibernation, and dormancy?
- What is a food chain?

##### Key Academic Vocabulary

- Energy - what is needed to do work or cause change
- Food chain - the path of energy from one organism to another
- Organism - a single living thing
- Environment - all the physical surroundings on Earth

#### Unit 7: Characteristics & Behaviors of Organisms

##### Student Learning Targets

- I can observe, record, and compare how the physical characteristics and behaviors of animals help them meet their basic needs.

##### Questions to Check for Unit Understanding

- What physical characteristics do animals have to meet their physical needs?
- How are plants and animals similar in how they meet their needs? How are they different?

##### Key Academic Vocabulary

- Physical Characteristic - a feature or trait that can be seen
- Basic Needs - what a living thing must have to stay alive
- Behavior - what a plant or animal does

#### Unit 8: Life Cycles of Organisms

##### Student Learning Targets

- I can identify the unique characteristics of insects.
- I can observe, investigate, and record the stages of an insect's life cycle.

##### Questions to Check for Unit Understanding

- What is the life cycle of an insect?
- How is an adult butterfly different from a larva/caterpillar?
- How is the behavior of an insect different at each stage of its life cycle?

##### Key Academic Vocabulary

- life cycle - the way that living things continuously grow, make new living things, and die
- Adult - a fully grown plant or animal
- Egg - the first stage in a life cycle
- larva - a form that an animal takes after it hatches from an egg that is very different from the form it will take as an adult
- pupa - the stage when an insect rarely moves, because it is growing into an adult
- Stage - a specific time during life or growth