



# Science

## Grade 3

### 1st Nine Weeks



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

#### Unit 1: Introduction & Properties of Matter

##### Student Learning Targets

- I can measure, test, and record physical properties of matter.
- I can identify physical properties of matter.
- I can classify matter as a solid, liquid, or gas.
- I can describe characteristics of solids, liquids, and gases.
- I can make predictions about how heating or cooling will change the state of matter.
- I can observe and record changes in the state of matter.

##### Questions to Check for Unit Understanding

- How can the physical properties of matter be measured, tested, and recorded?
- How are solids, liquids, and gases different?
- How does heating cause matter to change state?
- How does cooling cause matter to change state?
- What predictions can be made about changes in states of matter?

##### Key Academic Vocabulary

- Solid: a material that has a distinct shape that does not change
- Liquid: a material that can easily flow and change shape
- Gas: a material that has no set volume or shape, it flows and expands to fit the space it occupies
- Heating: to increase the temperature of an object; to make it hotter
- Cooling: to lower the temperature of an object; to make it colder