

## Kindergarten Science

### Course Description:

Students will make observations, construct arguments, interpret data, and test designs to understand more about the world around them.

### Course Standards

By the end of the school year, a student should be able to ...

#### Forces and Interactions: Pushes and Pulls

- Compare how changing the strength or direction of a push or pull affects the motion
- Look at data to see if a design worked as intended to change the speed or direction of an object (example: did a ramp make the ball travel faster)

#### Interdependent Relationships in Ecosystems: Animals, Plants, and Their Environment

- Identify what plants and animals need to survive
- How do plants and animals change the environment to meet their needs
- Use a model to show the relationship between plants, animals, and their surroundings
- Develop ways to reduce our negative impact on the environment

#### Weather and Climate

- Find the effect of sunlight on Earth's surface
- Build a structure to reduce the heat from sunlight
- Observe local weather and describe patterns over time
- Inquire about how weather forecasts help us prepare for severe weather

#### K-2 Engineering Design