

Kindergarten – Physical Science

Moving Makers

This lesson addresses the three laws of motion and force and friction. There are three activities which engage the learner:

1. Height of the Ramp
2. Surface of the Ramp
3. Objects

Kindergarten – Earth Systems Science

Here Comes the Sun

This lesson provides six activities introducing the two properties of the sun: heat and light.

1. How to Read a Thermometer
2. Make a Model of a Thermometer
3. Is the Temperature the Same Everywhere at School?
4. Day and Night
5. Light and Dark Plants
6. Warm and Cool Plants

1st Grade - Physical Science:

States of Matter and Phase Changes

This lesson addresses solids, liquids and gases and includes five activities:

1. Water's States of Matter
2. Mixtures
3. Paper Chromatography
4. Reactions in 3 States of Matter (Cold)
5. Reactions in 3 States of Matter (Warm)

2nd Grade – Physical Science

Motion Commotion

Addressing the three laws of motion (inertia, mass and action/reaction), this lesson engages students in six activities:

1. Inertia: An Object at Rest
2. Inertia: An Object in Motion
3. $F=ma$ (force, mass and acceleration)
4. Action/Reaction
5. Transfer Energy
6. Stomp Rockets

2nd Grade – Earth Systems Science

Weather Bear

This lesson includes eight activities

1. Reading a Thermometer
2. Microclimates
3. School Microclimate
4. Types of Clouds Mobile
5. How Clouds Form
6. The Cloud Dance
7. The Cloud Wheel
8. The Weather Bear