

# 1st Grade Science Curriculum

## Solids and Liquids

Fall: *Skyline, Sunnycrest*

Winter: *Hillcrest, Highland*

Spring: *Glenwood, Mt. Pilchuck*

### *Unit Goals:*

- *Develop curiosity and interest in the objects that make up their world.*
- *Investigate materials constructively during free exploration and in a guided discovery mode.*
- *Recognize differences between solids and liquids.*
- *Explore a number of liquids.*
- *Observe and describe the properties of solids and liquids.*
- *Sort materials according to properties.*
- *Combine and separate solids of different particle sizes.*
- *Observe and describe what happens when solids are mixed with water.*
- *Observe and describe what happens when other liquids are mixed with water.*
- *Use information gathered to conduct an investigation on an unknown material.*
- *Acquire the vocabulary associated with the properties of solids and liquids.*
- *Use written and oral language to describe observations.*

## Air and Weather

Fall: *Hillcrest, Highland*

Spring: *Glenwood, Mt. Pilchuck*

Winter: *Skyline, Sunnycrest*

### *Unit Goals:*

- *Develop an interest in air and weather.*
- *Experience air as a material that takes up space and can be compressed into a smaller space.*
- *Observe the force of air pressure pushing on objects and materials.*
- *Observe and compare how moving air interacts with objects.*
- *Observe and describe changes that occur in weather over time.*
- *Become familiar with instruments used by meteorologists to monitor air and weather conditions.*
- *Compare monthly and seasonal weather conditions using bar graphs.*
- *Observe the location of the Sun and the Moon in the sky over a day and the change in the appearance of the Moon over a month.*
- *Organize and communicate observations through drawing and writing.*
- *Acquire vocabulary associated with properties of air and weather conditions.*