# 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.