# 4th Grade Science Curriculum

## Landforms

<table>
<thead>
<tr>
<th>Fall</th>
<th>Winter</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skyline, Sunnycrest</td>
<td>Hillcrest, Highland</td>
<td>Glenwood, Mt. Pilchuck</td>
</tr>
</tbody>
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**Unit Goals:**
- Gain experience with models and maps.
- Gain experience with the concepts of erosion and deposition.
- Observe the effect of water on surface features of the land, using stream tables.
- Plan and conduct stream-table investigations.
- Relate processes that they observe in the stream-table models to processes that created famous landforms.
- Become familiar with topographic maps and some of the techniques used to create them.
- Gain experience with the concepts of contour and elevation.
- Use measurement in the context of scientific investigations.
- Apply mathematics in the context of science.
- Acquire vocabulary associated with landforms and the processes that create landforms.
- Use scientific thinking processes to conduct investigations and build explanations: observing, communicating, comparing, organizing, and relating.

## Water

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**Unit Goals:**
- Observe and explore properties of water in liquid, solid, and gaseous states.
- Observe the expansion and contraction of water as it warms and cools.
- Investigate factors that influence evaporation and condensation of water.
- Consider components of the water cycle.
- Observe and compare how water moves through different types of earth materials, including soil and gravel.
- Consider the water quality of local water sources.
- Investigate how water can be used to do work.
- Acquire vocabulary associated with water.
- Record observations in writing and pictures.
- Exercise language, social studies, and math skills in the context of science.
- Become aware of the importance of water in their lives.
- Use scientific thinking processes to conduct investigations and build explanations: observing, communicating, comparing, and organizing.