

| Enduring Understandings  | Standards Addressed   | Essential Questions  | Anchor Lessons   | Optional Lessons  |
|--|---|--|--|---|
| <ul style="list-style-type: none"> <li>Rocks can be different sizes.</li> <li>Rocks can be sorted by size.</li> <li>Rocks are used by people.</li> </ul>   | <p><b><u>Earth Science #1:</u></b><br/>Identify characteristics of the Earth’s surface (water, soil &amp; <u>rocks</u>).</p>  | <p>How do the characteristics of rocks differentiate them from other materials found on Earth?</p> <p>How are rocks a part of everyday life?</p> | <p><b>Investigation #1:</b><br/>Activity 1: Three Rocks<br/>Activity 2: Washing Three Rocks<br/><b>Investigation #2:</b><br/>Activity 3: Sand And Silt<br/>Activity 4: Exploring Clay<br/><b>Investigation #3:</b><br/>Activity 1: Rocks In Use<br/>Activity 2: Looking At Sandpaper</p> | <p><b>Investigation #1:</b><br/>Activity #4: Sorting Games<br/>Activity #5: Start A Rock Collection</p> |
| <ul style="list-style-type: none"> <li>Rocks can be sorted by their properties.</li> <li>Rocks can be sorted by size.</li> </ul>   | <p><b><u>Physical Science #1:</u></b><br/>Sort objects by observable properties such as size, shape, color, weight and texture.</p>   | <p>How do the different properties of rocks guide sorting?</p>   | <p><b>Investigation #1:</b><br/>Activity 3: First Sorting<br/><b>Investigation #2:</b><br/>Activity 1: Screening River Rocks</p>   | <p><b>Investigation #2:</b><br/>Activity 2: River Rocks By Size</p>                                     |
| <ul style="list-style-type: none"> <li>Soil is a mixture of earth materials.</li> <li>Properties of different earth materials make each suitable for specific uses.</li> <li>Soil is a mixture of different earth materials including different sizes of rocks and humus.</li> </ul> | <p><b><u>Earth Science #1:</u></b><br/>Identify characteristics of the Earth’s surface (water, soil &amp; rocks).</p> <p><b><u>Earth Science #4:</u></b><br/>Understand the sun supplies heat and light to the Earth and is necessary for life.</p> | <p>How is soil made?</p>   | <p><b>Investigation #4:</b><br/>Soil Explorations<br/>Activity 1: Home Made Soil<br/>Activity 2: Soil Search<br/>Activity 3: Studying Local Soil</p>   |   |