Grade 6
Pre-Assessment
Weathering and Erosion

Concept(s) Addressed
Weathering, erosion, and deposition continually change the surface of the earth. Water is the primary agent for all three processes in California. Evidence of the changes are local in the La Conchita Landslide area.

Time
20 minutes

Materials
Individual Prompt

Advance preparation
1. Duplicate prompt for each student

*Teacher Note: The pre-assessment is designed to provide patterns in student understanding through revealing what students know in open ended prompts and defining important concept ideas. These patterns are used to provide interventions in areas of greatest need.*

Procedure:
1. Tell students they will have an opportunity to share what they understand about weathering, erosion and deposition.
2. Distribute the prompt to each student and ask him/her to do his/her best work.
Grade Six: Weathering and Erosion
Pre Assessment

Directions: Please answer questions 1 and 2 in complete sentences.

1. Describe one way that a large rock becomes a small rock.

2. Explain how sand gets to the beach.

3. Directions: Complete the table.

<table>
<thead>
<tr>
<th>Science Word</th>
<th>Do you know the meaning of the word? Yes/No</th>
<th>It means………</th>
</tr>
</thead>
<tbody>
<tr>
<td>weathering</td>
<td></td>
<td></td>
</tr>
<tr>
<td>erosion</td>
<td></td>
<td></td>
</tr>
<tr>
<td>deposition</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
4. Describe what you think happened in the picture below.
Answer Key

Grade Six: Weathering and Erosion
Pre Assessment

Directions: Please answer questions 1 and 2 in complete sentences.

3. Describe one way that a large rock becomes a small rock. Rocks are tumbled by moving water (river) down mountains or hills. The rocks hit one another and break into smaller and smaller rocks.

4. Explain how sand gets to the beach. Sand is deposited on beaches by streams and rivers flowing into the ocean. Once on the beach the sand is ground up finer by waves.

4. Directions: Complete the table.

<table>
<thead>
<tr>
<th>Science Word</th>
<th>Do you know the meaning of the word? Yes/No</th>
<th>It means………</th>
</tr>
</thead>
<tbody>
<tr>
<td>weathering</td>
<td>Yes</td>
<td>Weathering is breaking rocks into smaller rocks by a processes of mechanical or chemical weathering.</td>
</tr>
<tr>
<td>erosion</td>
<td>Yes</td>
<td>Erosion moves weathered material to a new location. Wind and water both erode materials.</td>
</tr>
<tr>
<td>deposition</td>
<td>Yes</td>
<td>Weathered material is deposited in a new location by a process call deposition. Earth materials deposited can be large or small pieces of material.</td>
</tr>
</tbody>
</table>
4. Describe what you think happened in the picture below.

The brown area in the picture is a landslide or a slump. This type of slide occurs on a hill where the material is loose and becomes waterlogged. The entire hill slides down and forms a river of soggy soil endangering homes below the slump.