



Grade 4 - Post-Site Activity

“Stories In Stone”

Objectives	Students will be able to identify how the three different types of rocks are formed.
Vocabulary	<u>sedimentary</u> - rock formed by the setting or deposition of mineral and rock grains
Materials	Clear jars (one for each small group) Rocks, pebbles, sand, leaves Epsom salt
Time	45 Minutes
Overview of Activity	<ol style="list-style-type: none">1. Have the students collect rocks, pebbles, sand, and twigs and place them in a clear jar.2. Add 1/4 cup of Epsom salt and water, but make sure to leave 2 inches of space at the top.3. Shake the jar until everything is thoroughly mixed up, and leave the jar to sit.4. Make predictions as to which materials will settle first, and which ones will take the longest to settle.5. Once all of the materials have settled, carefully pour the excess water out, but none of the materials.6. Draw a picture of the layers, and see if the predictions were correct. Let them dry out and you have your own sedimentary rock! <p>Lessons taken from <i>Geology Rocks! 50 Hands-on-Activities to Explore the Earth</i> by Cindy Blobaum</p>

Making A Difference! Your students can begin to make a difference wherever they live! Have your class come up with a project using the experience from their field trip to Lake Mead National Recreation Area to show others that they care about their desert community.

Teachers! - check out our web site www.nps.gov/lake and other educational opportunities for your grade level through our interagency partnership: www.enviroedexchange.org
For volunteer opportunities: www.getoutdoorsnevada.org