

Weathering & Erosion

Target Grade: 2, 3, 5

Students will take part in activities demonstrating chemical and physical weathering, as well as wind and water based erosion.



<p>Format & Requirements</p>	<ul style="list-style-type: none"> • Weathering & Erosion is available for use as a conservation capsule. • Time needed for Weathering & Erosion capsule activities is approximately 15 - 45 minutes per activity.
<p>Activities & Resources</p>	<ul style="list-style-type: none"> • Conservation Capsule format includes a Teacher Resource Notebook with lesson plans. • Capsule includes all materials for: Shake It Up, A Sour Trick Experiment (Acid Rain), Making Soil, Schoolyard Runoff/Erosion Report Card, Splash Zone Experiment, Wind / Water Erosion Activity as well as a Power Point presentation, photos of weathering and erosion, sediment tube, rock & soil samples, and samples of weathered rocks.
<p>Standards of Learning</p>	<p>Science</p> <p>2.7 The student will investigate and understand that weather patterns and seasonal changes affect plants, animals, and their surroundings. Key ideas include:</p> <ul style="list-style-type: none"> b) wind and weather can change the land; and c) changes can happen quickly or slowly over time. <p>3.8 The student will investigate and understand that natural events and humans influence ecosystems. Key ideas include:</p> <ul style="list-style-type: none"> d) soil is a natural resource and should be conserved. <p>5.8 The student will investigate and understand that Earth constantly changes. Key ideas include:</p> <ul style="list-style-type: none"> d) processes such as weathering, erosion, and deposition change the surface of the Earth.