



Weathering & Erosion

Target Grade: 2nd, 5th

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

Format & Requirements

- Weathering & Erosion is available for use as a conservation capsule.
- Time needed for Weathering & Erosion capsule activities is approximately 15 - 45 minutes per activity.

Activities & Resources

- 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.

Standards of Learning

Science

2.7 The student will investigate and understand that weather and seasonal changes affect plants, animals, and their surroundings. Key concepts include b) weathering and erosion of the land surface.

5.7 The student will investigate and understand how the Earth's surface is constantly changing. Key concepts include e) weathering and erosion; and f) human impact.

Physical Education

2.4 The student will exhibit, in physical activity settings, cooperative, respectful, and safe behaviors.

English

2.2 The student will continue to expand listening and speaking vocabularies to a) use words that reflect a growing range of interests and knowledge, b) clarify and explain words and ideas orally, and c) follow oral directions with three or four steps.

2.3 The student will use oral communication skills to c)

	participate as a contributor and leader in a group.
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