



## **Weathering & Erosion Program**

### **Recommended Grades: 2, 3, & 5**

### **1 hour**

#### **Program Summary:**

Students begin by discussing the different types of weathering and exploring physical examples of each, noting some that are pretty famous and some happening a lot closer to home. Then students participate in a fun game exploring forces that can contribute to erosion and deposition and how plants can play a vital role in keeping soil in place. Finally, students will participate in a real time experiment that demonstrates the importance of plants in preventing erosion.

#### **Vocabulary:**

- Weathering
- Physical
- Chemical
- Biological
- Abrasion
- Calcium Carbonate
- Limestone
- Deposition
- Erosion
- Constructive Forces
- Destructive Forces
- Channelized stream

#### **Standards:**

S2P2 a, b, c; S2P1 a, b, c  
S3E1 a, b, c; S3E2 a; S3L2 a, b  
S5E1. a, b, c

*Programs are tailored to suit the knowledge and learning objectives of the participants but also intended to challenge students to develop new connections and apply information learned to real life scenarios.*