



## **Virginia Region II Annual Teacher Night at Jefferson Lab 2025**

**Activity Title:** **Sugar Shake (Weathering)**

**Type:** Experiment

**Grade Level:** Grade 5

**Time Allotment:** 30 min

### **Objectives with Correlated SOLs:**

5.1 identify independent variable, dependent variables, and constants

5.8d processes such as weathering, erosion, and deposition change the surface of the Earth

### **Materials List (including equipment):**

- 50 sugar cubes
- 4 plastic containers with lids (for shaking cubes)
- 5 washable markers (blue or black)

### **Teacher Contact Information:**

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