



Virginia Region II Annual Teacher Night at Jefferson Lab 2025

Activity Title: **Plate Tectonics with Graham Crackers**

Type: Demonstration (Demo)

Grade Level: Grade 5

Time Allotment: 10-15 minutes

Objectives with Correlated SOLs:

5.7 SW investigate and understand how Earth's surface is constantly changing -
d) the basic structure of Earth's interior
e) changes in Earth's crust due to plate tectonics

Materials List (including equipment):

- Graham Crackers
- Cake Frosting
- Wax Paper, or Paper Plates
- Paper Towels or Napkins
- Plastic Knife
- Water
- Bulb Syringe or Children Dosage Syringe

Teacher Contact Information:

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