



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

**Activity Title:** **Chemical Reaction Lab**

**Type:** Student Activity

**Grade Level:** Grade 6

**Time Allotment:** <20 Minutes

### Objectives with Correlated SOLs:

6.5 d, e, f

The student will investigate and understand that all matter is composed of atoms. Key ideas include

two or more atoms interact to form new substances, which are held together by electrical forces (bonds);

compounds may be represented by chemical formulas; chemical equations can be used to model chemical changes

### Materials List (including equipment):

- 1 teaspoon of baking soda per student/group
- 2 tablespoons of vinegar per student/group
- Plastic water bottle

### Teacher Contact Information:

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