

**OBJECTIVE:**

We are going to study the reaction rates.

We can measure the reaction rate by measuring the amount of a product that appears in a chemical reaction.

In this experiment we are going to study the factors that modify the rate of reaction.

**MATERIALS:**

2 Alka Seltzer tablets: each tablet should be divided into two.

Use 4 beakers and mark the beakers with numbers.

You will have to measure the time until the table dropped will be totally dissolved.

Beaker 1: Warm water and half a tablet.

Beaker 2: Cold water and half a tablet.

Beaker 3: Warm water and half a tablet, but divided into multiple parts (powdered)

Beaker 4: Cold water and half a tablet, but divided into multiple parts (powdered)

Beaker	Water temperature	Time needed

**CONCLUSIONS:** Briefly explain the differences among the beakers.

(Check pages 82-83)