

POP ROCKS AND SODA

OBJECTIVE:

Students will test the temperature of Diet Coke when different amounts of Pop Rocks are added.

MATERIALS:

Pop Rocks
300ml beaker
Diet Coke
Plastic spoon
 $\frac{1}{4}$ teaspoon measuring spoon
 $\frac{1}{2}$ teaspoon measuring spoon
1 teaspoon measuring spoon
spoon
Thermometer
Timer
Paper Towel



PROCEDURES:

1. Pour 50 ml of Diet Coke into the beaker.
2. Turn on thermometer and record the beginning temperature of the diet coke.
3. Set the timer for 2 mins.
4. Start the timer and immediately add $\frac{1}{4}$ tsp Pop Rocks.
5. When the timer goes off, Record the ending temperature.
6. Dump pop rocks and soda down sink, rinse and dry beaker.

****Repeat all procedures with $\frac{1}{2}$ teaspoon of Pop Rocks and 1 teaspoon of Pop rocks.**

CLEAN UP:

Dump pop rocks and soda down sink and rinse with warm water. Clean and dry all lab equipment.