**Alka-Seltzer Activity**

Alka-Seltzer is made of two solids, citric acid (C6H8O7) and sodium bicarbonate (3NaHCO3).  The reaction below shows what occurs when Alka-Seltzer is placed in water:

C6H8O7 (s) + 3NaHCO3(s)  3H2O(l) + 3CO2(g) + Na3C6H5O7(aq)

**Procedure:**

1. Place one tab of Alka-Seltzer into the canister. Add 20 mL of water, quickly close the top, and record the amount of time it takes for the Alka-Seltzer to fully react.

a.       What signs indicate a chemical reaction is occurring?

1. Devise a procedure that will cause an **INCREASE** in the rate of the reaction, you will only be given 2 tablets.  Write your procedure here & get it approved by your teacher: Be prepared to present you results!!
2. Once your procedure is approved, do it & record your data!

**Data:**

**Conclusion:**

Provide an explanation explaining HOW your procedure increased the rate of the reaction.  Be sure to include detail about what is occurring at the molecular level!

**Class Notes:**

**1.**

**2.**

**3.**

**4.**