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Seltzer-Meltzer

The purpose of our investigation was to see which water temperature would cause the Alka-Seltzer tablets to react the fastest.

The experiment involved dropping 2 Alka-Seltzer tablets into 3 different temperatures of water. We started a timer and timed them to see how long it took for each temperature of water to react. The temperatures of water used were hot water (68° C), ice water (5° C), and room temperature water (21° C).

The data collected did support the original hypothesis. The hot water trial reacted 0:53 seconds faster than the room temperature trial. The hot water reacted 1:58 seconds faster than the ice water trial. These findings lead us to believe that temperature does affect the rate of reaction.