

NAME _____

DATE _____

BLAST OFF!

The goal of the experiment is to blast off the canister lid in 15 s.

Experiment with the variables that can change the rate of a chemical reaction to see if you can blast the lid off in a target time of 15 seconds.

You will be given a graduated cylinder, plastic film canister, a timer, water and 2 Alka -Seltzer tablets.

Observations.

Amount of water (ml)	Temperature of water (°C)	Mass of Alka - Seltzer (g)	Condition of Alka Seltzer	Time for blast off (s)

Discussion

How would you have improved your experimental design if you had been given more time and materials?