

YES THIS IS ROCKET SCIENCE
"POPPIN' ROCKETS"

Activity: Lab #1

Name: _____

Date: _____

OBJECT: To learn about the Scientific method, gas laws, combination of reactants, chemical mixers and rocket fuels.

APPARATUS AND MATERIALS: One film canister for each pair of students, 100 ml vinegar, 2 heaping tablespoons of Sodium Bicarbonate, 2 glass beakers, plastic spoon, paper and pencil, one tab of Alka Seltzer, dropper.

PROCEDURE:

Part One

- Place some vinegar in a film canister
- Place some baking soda in the hollow in the inside of the lid
- Quickly put the lid on and place canister upside down on your launch pad (the ground out on the court yard)
- Stand back
- Try various amounts of each reactant
- Record all data clearly and carefully

Example:

Trial 1

half canister of vinegar

filled the rivet in the lid full of baking soda

rocket popped

canister went 3 feet in the air

- Carry out 5 or more trials

CONCLUSION:



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DRAW AND LABEL A PICTURE OF THIS EXPERIMENT:

Trial#	Vinegar (ml)	BS (g)	Height (cm)
1			
2			
3			
4			
5			