

LET'S DO CHEMISTRY

Rocket Reactions



Rocket Reactions



Get ready

Put on your safety goggles!

Set-up the experiment

Use the labeled teaspoons to add one scoop of *citric acid* and one scoop of *baking soda* to your mini-rocket tube.

Make a prediction and test it

What will happen when you add water to the ingredients?

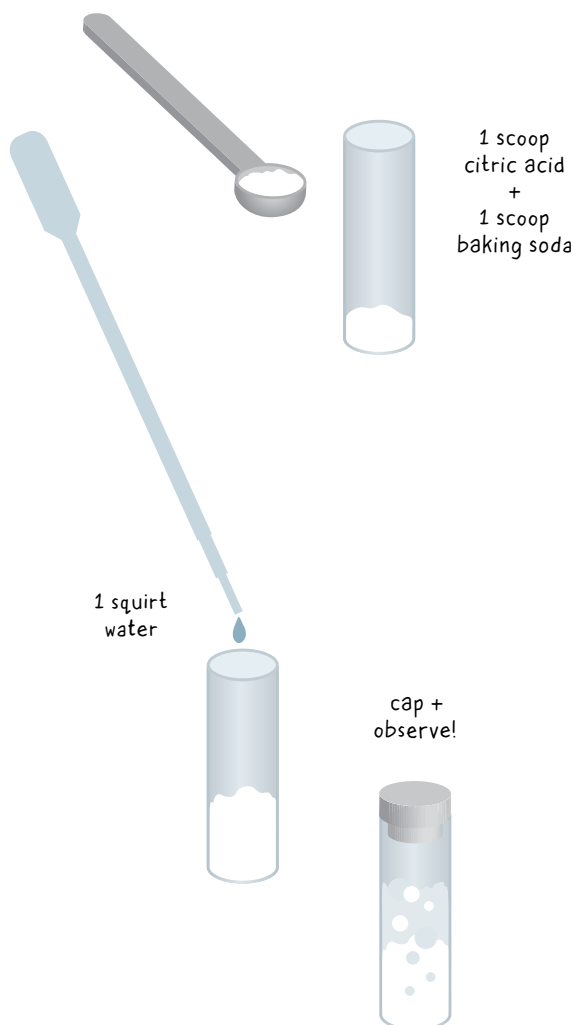
Use a pipette to add one squirt (about 1 mL) of water to your tube, count to three, then firmly push the cap onto your tube.

Observe the reaction

What happens? Try pushing the cap onto the tube again. What do you notice?

Try again

Cap the tube again and again until you no longer notice a reaction. How many times were you able to launch the rocket?



Let's keep experimenting! Try making the rocket again with different amounts of water, citric acid, and baking soda. What changes? What mixture works best?