

LET'S DO CHEMISTRY

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# Rocket Reactions



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## 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?

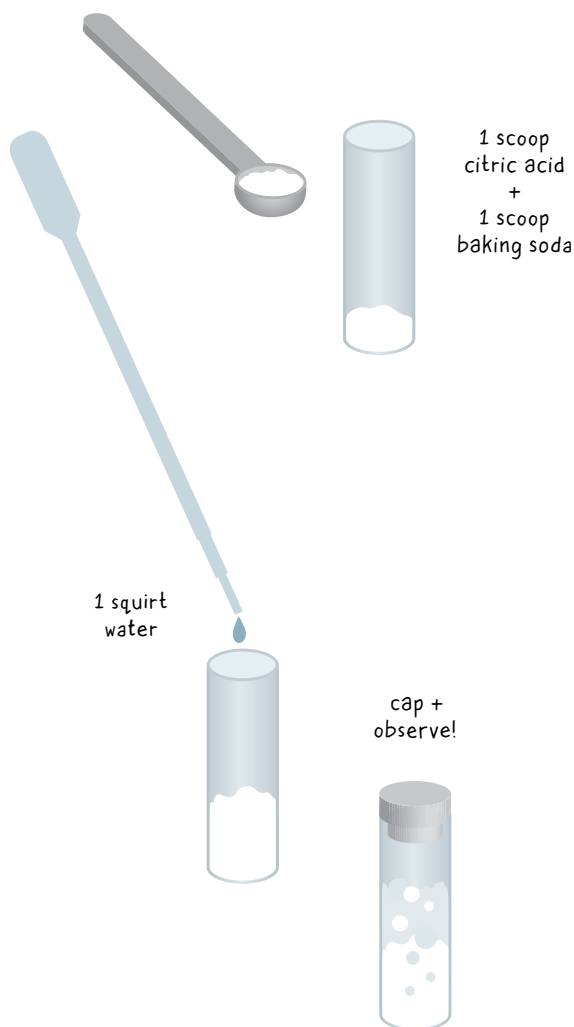
Use a pipette to add 5 drops of water to your tube, count to three, then firmly push the cap onto your tube.

## 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?