

Let's Launch a Rocket!

What do I need:

- An empty-ish bottle of washing up liquid
- A pint glass
- Bicarbonate of soda
- White vinegar

How do I do it?

STEP1 - Your washing up liquid bottle is going to be your rocket! It's best not to waste the whole bottle and to do this experiment when there's about a 1 cm layer left in the bottom of your washing up bottle!

WARNING: Make sure to do this experiment outside! It's a great experiment but it does make a real mess, outside only for this one!

EXTRA WARNING: Make sure to only do this experiment with bottle tops that can "pop off". This way your bottle can never explode, as when the pressure gets high enough the top will pop off and that's what will launch your rocket!



STEP2 - Now the warnings are out of the way, let's get cracking! Fill your washing up bottle about a third of the way up with white vinegar and mix it in with the washing up liquid.

STEP3 - Add your bicarbonate of soda to your mixture of washing up liquid and white vinegar and quickly turn your rocket over and place it on the launch pad (in the pint glass!)