

Experiment lab

TECHNOLOGY: ROCKETS

I will learn how rockets work.



Watch a video about space.



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Listen and read.

Rockets

Rockets take people and things into space. To make a rocket launch, gas explodes out really fast and pushes it up. That's why rockets are noisy and you can see fire coming out.

Try it out!

Blow up a balloon and let it go. What happens? The air coming out fast pushes it up and away from you. This is basically how a rocket works!



Rockets can only go into space and don't return. Spacecraft use rocket technology to launch into space but can return to Earth. Some spacecraft take people to and from the International Space Station.

EXPERIMENT TIME

Make rockets!

Materials

fizzy vitamin tablets
glass jug
water mug
plastic water bottle



Method

- 1 Fill the jug with water.
- 2 Put in two tablets. Shake gently.
- 3 Watch. What happens?
- 4 Put water and tablets in a water bottle. Shake.
- 5 Put the bottle, top down, in the mug.
- 6 Wait and watch. What happens?



Don't eat the tablets!



Try it out!

| | Predictions | Observations |
|----------------------|-------------|--------------|
| Tablets + warm water | | |
| Tablets + cold water | | |

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