



Vinegar and baking soda rocket and rocket car

By Conall, Jamie and Senan.

Hello there!

Hello and welcome to our science assembly. Today we will be making a rocket and a rocket car.

For the rocket We will be using baking soda and for the car as well as our fuel to make our vehicles move at a strong speed.



You will need for the rocket

vinegar

Tape

Baking soda

Funnel

Cork

Empty bottle

Scissors

Three pencils

How to make it

You get your three pencils and use your tape to tape them onto the top of your bottle. After that put some tape on the cork. You will need that later. Then you get your funnel and put it in the lid.



Experiment time!

For our experiment, we are going to use baking soda and vinegar as fuel. First we put the vinegar in and then add the baking powder, shake it for a few seconds then put it down and wait.



ROCKET CAR

You will need...

1 Water bottle, 4 big lego wheels, 2 bendy straws, 2 chopsticks, 1 cork, vinegar, baking soda or baking bread, scissors and a hot glue gun.





STEP 1

Cut the chopsticks and straws so they are smaller.

STEP 2

Put Hot glue and the lego wheels on each side of the chopsticks but put the straws you cut inside.

STEP 3

Put hot glue on the straws so they will stick to the bottle.

STEP 4

Add any decorations on the rocket that you like.

STEP 5

Pour in the vinegar then put in 5 teaspoons of baking bread then quickly put on the cork and wait.

Conclusion for rocket car

Unfortunately the rocket car did not work because the car had nothing to bounce off of.



Conclusion for rocket

So we put the baking powder and vinegar in the rocket during the test. Although it did not go very high. That's because we did not use enough vinegar. It makes a physical reaction to let the rocket bounce off the ground and fly into the air. It mostly depends on how much fuel you add.

Quiz!!



1. Did the rocket go high?
2. Did the rocket car work?
3. What did we use as fuel for the rocket?



Thanks for your
time

:):):):):):)