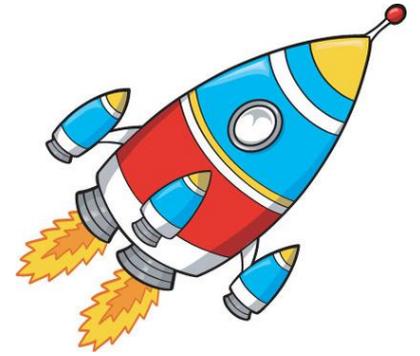


I can investigate which material would be best for a rocket!



Remember, materials are chosen for objects because they are the right material for the job. A table is made of wood because wood is strong and hard, an umbrella is made of plastic because plastic is waterproof.

Have a go at investigating different materials around your house to see if they would be suitable for a rocket.

Step 1. Decide what you want your rocket to be. Waterproof? Strong? See through? Colourful? Flexible (this means bendy)?

Step 2. Test some materials to see if they match what you want your rocket to be and have a go at recording what you find out with one of the materials here:

I want my rocket to be	
Material I chose	
How I tested it	
What I found out	

Next week you will have a go at making your own rocket! Don't worry, you don't have to use the materials that you tested today when you make yours. You will have two activities to choose from. Here is what you will need for each activity:

Activity one:

- A balloon, a drinking straw, a peg, some string, some sticky tape.

Activity two:

- An empty 500ml bottle, a cork to fit the bottle (you can also try with the lid of the bottle just put on very loosely), kitchen roll, 1 tablespoon of bicarbonate of soda, vinegar.