

What are we looking at today?



Pattern seeking

Fair Testing

Identifying and Classifying

Observation over time

Research

STEM



Challenge:

To see if the size of your hands means you can hold more.

You will need

- Some strips of paper, card, newspaper- anything.
- A bowl of small objects- cereal, Lego, dried beans are some good examples.
- Some paper and a pencil to record the result

Challenges

Week: 2

Pattern seeking Challenge: Does a bigger hand mean you can hold more?

Things to talk about.

Try discussing these questions together.

- What would happen if...?
- Does the outcome change if I...?
- I wonder...?
- This reminds me of...



Aim:

Do bigger hands really mean that they get more out of the bowl? Now's the time to find out.

The more people that take part, the better! Hold your hand span against the strip of paper and trim it to match the width of your hand. Everyone taking part needs to do this.

Pop your name on the strip of paper so you know who is who and arrange them in length order.

Take it in turns to take a big handful out of the bowl and count how many objects they can hold. Write the amount on the strip of paper. When every one has had a go, look at the results. Do the biggest hands really hold more?

Want to know the science?

About this type of scientific enquiry

One of the main types of enquiry that scientists carry out is pattern seeking. This is when scientists make observations and measurements. They then see if there is a 'pattern' or ways to link what they observe.

Scientists can use pattern seeking to discover more about our health.

Astronomers use pattern seeking to discover new planets and celestial objects.