

## Home Learning - Science

## Session 2

L.O - To understand how animals adapt to survive in different environments.

You are going to carry out an experiment to investigate why the different birds beaks changed over time.

You are going to test what beak is best suited to a food type.

Before we start, what is a fair test?

### Fair Test

When you are testing something, you need to make sure it is a fair test. To do this everything should be the same except the thing you are testing.

What should be the same? What should be different?

For example, how much time are you going to test something?

You are going to test which beak type is better for collecting different items of food.

You are going to need:

1 pair skewers

1 clothes peg

2 spoons

2 straws

2 cocktail sticks

two large handfuls of rice

two large handfuls of pasta (2 varieties)

two large handfuls of peas

two large handfuls of lentils

Use each 'beak type' (like the clothes peg) to see how many items of food you can pick up.

Also test whether you can carry each item from one plate to another.

**Home Learning - Science****Session 2**

Before we start, can you predict what is going to happen?

I predict that:

The skewers will be best suited to ...

The spoons will be best suited to...

The straws will be best suited to...

The pegs will be best suited to...

Use the table below to record how many items of each food you can pick up using each beak type.

Beak Type	Number of items of food collected				
	Small pasta	Rice	Black Eyed Beans	Lentils	Pasta shells
Straw					
Cocktail Stick					
2 Skewers					
Spoons					
Pegs					

Off you go!