

## ➤ Notes for parents. Activity next page.

### The purpose of this task is to help your child to:

- identify a problem or question to investigate
- plan how they will go about finding out
- collect information
- sort, analyse and show the information in an organised way
- draw a conclusion from their evidence, and share this with others

We often see number facts, or data, that tell us about something that is happening around us. The statistics might be about earthquakes, about attendance events, voting patterns, about certain kinds of food...

### Statistics are part of our daily life.

Data or evidence is collected to help answer a question and often someone makes a prediction based on data.

Your child is encouraged to carry out a 'statistical investigation' at home.

You may like to print the task sheet on the following page or talk about it with your child.

Discuss what they might investigate. The idea is that the investigation should be **purposeful** and that the results should be **useful**.



Carry out an investigation and tell your family what you find out.

**Plan and investigate something that you are curious about, or something that will help to solve a problem at home.**

Some children wondered these things:

*“We have a landline phone in our house. Do we still need it?”*

*“Are there some ways we can help more around the house?”*

*“What are the three yummiest family meals that we have that are also easy to make?”*

*“What is a sensible amount to spend on a birthday gift for a family member or a friend?”*

They investigated by doing this.

1. **Decide what you want to find out.** What’s the problem, question or idea you want to investigate?
2. **Make a plan.** What do you need to ask, who do you need to ask and how will you collect the information?
3. **Collect the information.** Do a survey and ask your family to write their answers, or interview people and you write down their answers.
4. **Analyse the information.** Sort your data and make a make a table or graph to show this.
5. **Decide on your conclusion.** What does your data show? What did you find out?
6. **Report to others.** Tell your family what you’ve found out and, if necessary, make a change in response to what you’ve found out.

Start by writing down something you want to investigate.

