

## **Extra For Experts 2<sup>nd</sup> December 2021**

The EFE challenge today is a little project about working with data. Your project will include finding/gathering, presenting and interpreting the data.

### **Step 1: Collect your data**

You could have a go at gathering some data of your own such as:

- Carry out an interview with your family and friends about their favourite colour, animal etc.
- Watch the colours of cars that go by your house in a short time frame
- Record the birds which visit your garden
- Monitor the temperature of your house over a short time frame
- Any other data which you could collect

Alternatively, you could use some online data such the weather forecast.

### **Step 2: Present your data**

How can you present this data? Pick the most appropriate ways.

Some ideas are: A tally chart, a frequency table, a pictogram, a bar chart, a line graph.

You should probably aim to do at least 2 of these.

### **Step 3: Interpret the data**

Write a few sentences about what your data shows. Some examples of sentences could be:

*Dogs were the most popular animal.*

*The least common bird in my garden was a robin.*

*Red was a more popular colour than green because 4 more people voted for red.*

*It is forecast to be 2 degrees hotter on Saturday than on Thursday.*

*12 cars were green or silver because 8 were green and 4 were silver.*