**Task 2: Measuring using non-standard units**

My shoe is as long as 6 cubes.

A pair of shoes

Description automatically generated

A close up of a device

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Choose one object from around your house to measure. You could choose a book, a fork, or one of your own shoes!

To measure this object you can either print the cubes you will find on the resources page, or use something else small, such as a paperclip.

**Example:**

I will measure my shoe using cubes.

I found that my shoe is 6 cubes long.

**Your turn:**

I will measure \_\_\_\_\_\_\_\_\_\_\_\_\_\_ using \_\_\_\_\_\_\_\_\_\_\_\_.

I found that \_\_\_\_\_\_\_\_\_\_\_\_\_\_ is \_\_\_ \_\_\_\_\_\_\_\_\_\_ long.

**Estimating** To **estimate** means to make a sensible guess.

We can also **estimate** how long something is before we measure it. Then we take our measurement to see how close we were to the estimate.

**Task:**

1. Choose a unit of measurement, such as cubes, your hand, or your whole body! Remember: If you’re measuring something really big, it might be more sensible to use a bigger unit of measurement.
2. Choose three objects from around your house to measure. You could measure your favourite book, your bed, or even your garden!
3. **Estimate** how long you think the object is. Record this in the table.
4. Measure your object. Record this in the table.
5. Do this again with a different unit of measurement. You can measure the same or different objects.

You can do this as many times, for as many different objects as you’d like.

**Example:**

|  |  |  |
| --- | --- | --- |
| **Unit of measurement:** paperclips | | |
| **Object** | **Estimate** | **Measurement** |
| fork | 4 paperclips | 5 paperclips |

|  |  |  |
| --- | --- | --- |
| **Unit of measurement:** | | |
| **Object** | **Estimate** | **Measurement** |
|  |  |  |
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|  |  |  |
| --- | --- | --- |
| **Unit of measurement:** | | |
| **Object** | **Estimate** | **Measurement** |
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| --- | --- | --- |
| **Unit of measurement:** | | |
| **Object** | **Estimate** | **Measurement** |
|  |  |  |
|  |  |  |
|  |  |  |

Challenges:

Using one of your tables, can you put your objects in order of shortest to longest?

A picture containing table

Description automatically generated

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