

Discuss with children what length is and the reason why we need to measure. What Is Length? The length of an object is its most extended dimension - that is, its longest side. Why do we need to measure? To ensure we have the correct amount of something. (Children should have an idea of this as it has been covered in Year 1)

Explain to children how to use a ruler - we place the ruler at 0 of one end of the object to be measured and then count the number where the object ends.

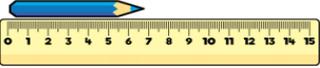
Can children use a ruler to measure various small objects around the house? Ask questions such as "which object is the longest?"

"Which object is the shortest?"

### Varied Fluency

Choose a variety of objects and practice measuring them using a centimetre ruler. Remember to line up the object to the 0 mark on the ruler.

e.g. How long is the pencil to the nearest centimetre?



How tall is the glass?

What other objects can you find to measure the height of?



Draw a line that is:

- 5 cm long
- 8 cm long
- Longer than 4 cm but shorter than 7 cm.

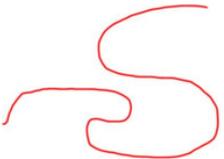
## Mathematics Activities 2<sup>nd</sup> June - 5<sup>th</sup> June

Mo has used the ruler to measure the length of the car.



Mo says the car is 8 centimetres long. Do you agree? Explain your answer.

How long is this piece of string?  
How could you find out?



Does the length change if you change the orientation?

**Mathematical Talk**

What is length?

How do the numbers on a ruler help us?

Why is it important to start measuring from 0?

How do you know if you've drawn a line that is 5cm long? How can you check?

Frequently

- Throughout the year in Year 2 we continually practise the following things. It would be helpful if you could do the same. The children have all been exposed to the activities below and so nothing should be a surprise – just practise.
- Number bonds to 10 and 20 and 100.  $20 + 0 =$
- $0 + 100 = 100$ ,  $10 + 90 = 100$  etc.
- Practise finding  $\frac{1}{2}$  or  $\frac{1}{4}$  of a number.
- Can you remember odd and even numbers? What do all odd numbers end in? And even numbers?
- What denominations of money are there? Which are the coins and which are notes? Can you choose 4 coins and add them up? What total do you get? Maybe you could play shops with your sibling and use real coins to buy some things.
- What 2D and 3D shapes can you find around the house? What are the shapes called?
- Can you recite the 2. 5 and 10 times tables?