**Home Learning**

**Maths**

Year 1:

Today we are going to be ‘Measuring using non-standard units.’

Please watch this video: <https://vimeo.com/508439670>

**Activity:**

1. Please look at the questions below. Work out what each object measures in cubes and fill in the stem sentences.

a)



b)

c) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is longer than the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is shorter than the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

2.

Do you agree with Rosie? Explain: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3.

Do you agree with Tommy? Explain: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. Now it is your turn. You are going to go on a measurement hunt. Look at the table below and find the objects on the left in your house. Then, have a go at measuring each object in the 3 different ways shown along the top and write down the number of hands, shoes and teaspoons you use to measure each object.

If you do not have these objects in your house, please use something else.

|  |  |  |  |
| --- | --- | --- | --- |
| Object: | Hands | Shoes | Teaspoons/Cubes |
| A table |  |  |  |
| A pencil |  |  |  |
| A lunchbox |  |  |  |
| A chair |  |  |  |

**Challenge:**

What other non-standard unit could you use to measure an object?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Year 2:

Today we are going to be learning about ‘Comparing Lengths.’

Please watch this video: <https://vimeo.com/505647236>

**Activity:**

1.

The rubber is \_\_\_\_\_\_\_\_\_\_\_\_ than the sharpener.

The sharpener \_\_\_\_\_\_\_\_\_\_\_\_ than the rubber.

2. Write <, > or = to complete the statements:



3. Write digits in the boxes to make the statements correct:

a) \_\_\_\_\_\_\_\_ cm < 41 cm

b) 14 m < \_\_\_\_\_\_ m

c) 14 cm < \_\_\_\_\_\_\_\_ cm

d) 12 m < \_\_\_\_\_\_\_\_ m

**Challenge:**

Is there more than one answer for each? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. Would you measure each one using centimetres or metres?

a) the height of a baby

b) the length of a pencil

c) the height of a school

d) the height of your teacher

What else would you measure in metres?

**Challenge:**

1. There are 3 teddies in a box.

The brown teddy is 15 cm taller than the yellow teddy.

The yellow teddy is 3 cm shorter than the pink teddy.

The pink teddy is 42 cm tall.

How tall are the brown and yellow teddies?

How much taller is the brown teddy than the pink teddy?

2. Whitney’s ruler is broken.

How could she use it to still measure items?



3. Tommy thinks that this chocolate bar is 4cm long.

Is he correct?



Convince me.