Year 5 Home Learning

This week the written piece of work is Maths and should be completed in your Maths Home Learning book. There is also an online Poetry task (see link).

Due Date: Thursday 6/2/10

Maths: Converting measure

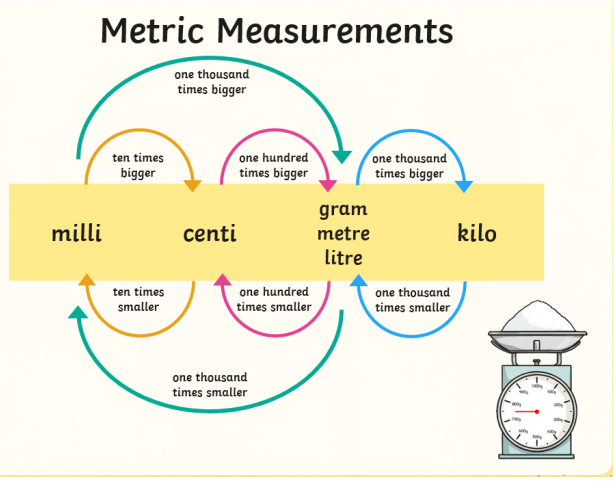
Walt: accurately convert between units of measure

This home learning task will be an opportunity to apply using your conversion skills to solve a variety of measure problems

Choose your challenge: you will need to complete either the Do It (fluency), Use It (reasoning) OR Own It (problem solving)

Do It:

1) 13 mm = ☐ cm
2) 7·5 cm = ☐ mm
3)
4) 200 cm = ☐ m
5) 0·6 m = ☐ cm
6)
7) 5900 m = ☐ km
8) 0·8 km = ☐ m
9)
10) 4100 g = ☐ kg
11) 0·7 kg = ☐ g



Use It:

1) True of False?

40cm < 4mm

200cm = 2m

2) Fill in the missing symbol to make the statement correct:

3m_____200cm

1000mm_____1m

3)

4a. How much longer is line B than line A?

A ⟷ 140cm

B ⟷ 2m

Give your answer in centimetres.

4)

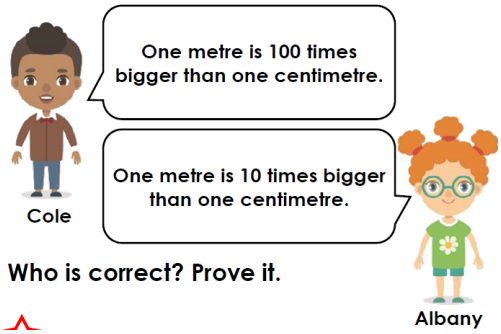
2a. Sufya is converting cm to m in the table below.

cm	m
50	0.5
110	11
360	3.6

Explain and correct her mistakes.

5)

3b. Cole and Albany are converting centimetres to metres.



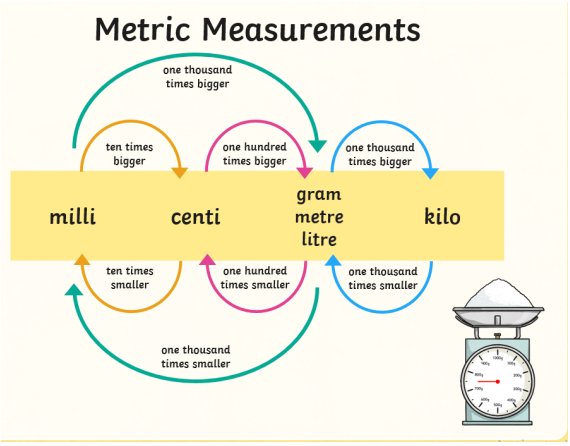
Who is correct? Prove it.

6)

1a. Finn needs to fit seven 10cm books into his bookcase.

0.8m

Will the books fit?
How many cm are spare/needed?



Own It:

1)

A 5p coin has a thickness of 1.6mm

Jake makes a tower of 5p coins worth 90p.
What is the height of the coins in cm?

2)

11b. Fill in the missing symbol to make the statement correct.

$\frac{1}{10}$ km ☐ 9m ☐ 901cm

3)

Cola is sold in bottles and cans.

Yasmin buys 5 cans and 3 bottles.
She sells the cola in 100ml glasses.

She sells all the cola.
How many glasses does she sell?

4)

9b. Orion and Ingrid are converting metres to millimetres.

Orion

I can multiply my metres by 100 and then by 10 to convert to millimetres.

I can divide my metres by 100 and then by 10 to convert to millimetres.

Who is correct? Prove it.

5)

4b. Johnny wants to hang eight picture frames on his 2.1m wall.

25cm

6)

Will the picture frames fit?
How many m are spare/needed?