LO: To compare decimals. 22.4.20

First, begin the lesson by completing a simulation of the year 4 multiplication test.

https://mathsframe.co.uk/en/resources/resource/477/Multiplication-Tables-Check

This link should allow you to access it. You have 25 random times table questions to answer and you are given 6 seconds to answer each one. Try not to use any times tables sheets/ resources to help you, we need to be fluent by now!

Lesson:

We will be comparing decimals, stating which are larger, smaller and equal by using these symbols:

<, >, =

Remember, < means smaller than. Example- 3.2 < 4.9

Next, > means greater than. Example – 5.8 > 2.5

Finally, = means equal to. Example – 4.5 = 4.5

Ones	.	Tenths	Hundredths
●	.	● ●	● ● ●
1	.	2	3

?

Ones	.	Tenths	Hundredths
●	.	● ● ●	● ●
1	.	3	2

The number in the first place value grid is 1.23. The number in the second place value grid is 1.32. Tenths are larger than hundredths, therefore the largest number is 1.32. The question mark should be replaced by a less than symbol (<) since 1.23 is less than 1.32.

1.23 < 1.32.

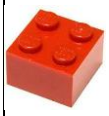
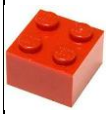
TASK:

I would like you to draw two big place value grids just like I have with a box in the middle for the correct symbol. Using items in your house (coins, lego pieces, anything relatively small – **ask your parents**) I would like you to create two different decimals and compare the size of them using these three symbols <, >, =.

Here is an example:

Ones	.	Tenths	Hundredths
	.	 	
1	.	2	1

<

Ones	.	Tenths	Hundredths
 	.		 
2	.	1	2

1.21 < 2.12

Create 10 of these. You don't have to draw the table into your book 10 times, you could just do it once, create different numbers by moving your objects and write the questions and answers underneath. Take photos if you like.

Challenges:

Jack – Create a number that is larger than 3.12 but by only using the numbers 1, 2 and 3. You can only use each number once.

Queen – Fill in the gap to make the statement correct:

4.5 > 4._

Ace - 3.45 is larger than 3.450. True or false?

Afterwards, practise your maths skills using Mathletics and Timestables.co.uk. Have fun! Keep learning your times tables.