YEAR 6 MATHS LESSON 1

<u>Number & Place Value</u>

<u>LO: To read, write and compare large numbers</u>
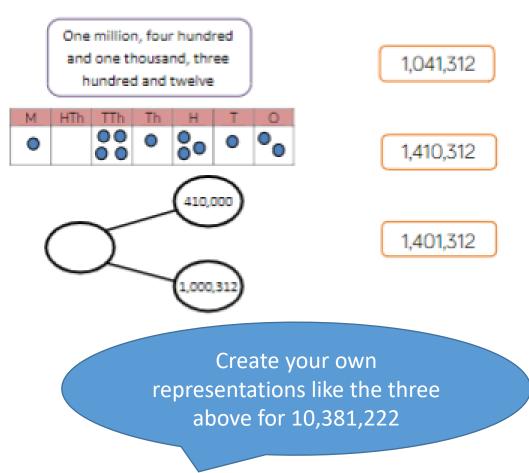
1) Write the following numbers in digits:

a) One million, four hundred and one thousand, three hundred and twelve

b) Two million, one hundred and eight thousand, eight hundred and ninety-five

c) Ten million, three hundred and eighty-one thousand, two hundred and twenty-two

2) Write the following numbers in words

a) 1,401,312

b) 1,410,312

c) 1,041,312

3) Complete the missing numbers:

a) 6,305,400 = _,___,___ + 300,000 + _,___ + 400

b) 7,001,001 = 7,000,000 + _,___ + _

c) 42, 550 = __,___ + ___ + __

4) Match the representation to the number in digits in the boxes

One million, four hundred and one thousand, three hundred and twelve

M	HTh	TTh	Th	H	T	O
●		●● ●●	●	● ●●	●	●●

1,041,312

1,410,312

410,000

1,401,312

1,000,312

Create your own representations like the three above for 10,381,222

5) Put a digit in the missing space to make the number sentence correct

4,62_, 645 ≤ 4,623,645

Is there more than one option?
Can you find them all?

6) Milly has a number:
824,650
She takes forty thousand away.
Her answer is 820,650
Is she correct? Explain your reason.

7) Use the digit cards and statements to work out my number.

| 0 | 3 | 3 | 5 | 5 | 6 | 7 |

- The ten thousands and hundreds column have the same digit.
- The hundred thousand digit is double the tens digit.
- It is a six-digit number
- It is less than six hundred and fifty-five thousand.

8) Fill in the gaps in the table for populations of the following European cities:

CITY	2019 POPULATION	INCREASE (+)	2020 POPULATION
LONDON	7,356,900	200,000	
PARIS	2,108,895	30,000	
ROME	2,310,895		2,318,895
MADRID	3,125,944		3,225,944
BERLIN		200,000	3,426,354
MOSCOW		300,000	10,381,222

CHALLENGE
Using the 2020 population data put these European cities in order largest to smallest