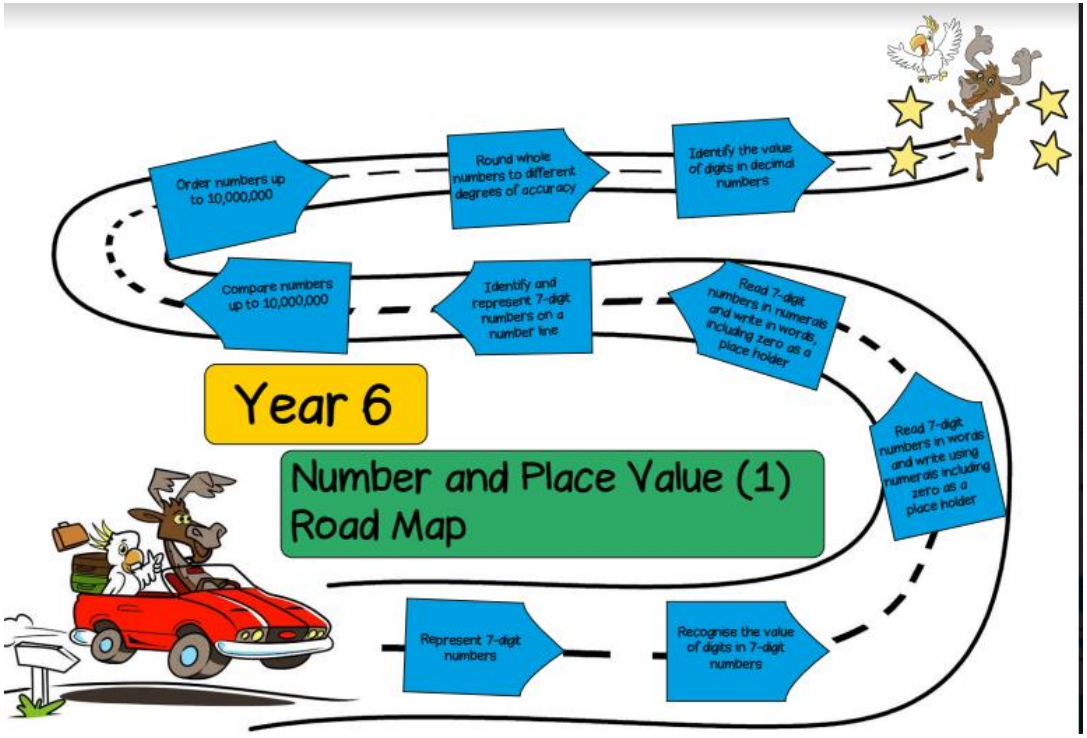
Year 6 Maths: Number & Place Value.

SEQUENCE:



KEY WORDS

Million	Less than
Ten millions	Order
Thousands	Round
Hundreds	Rounded
Tens	Partition
Ones	Digit
Zero	Interval
Place value	Sequence
Greater than	Linear Sequence

Numbers to Ten Million

3 926 471

Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones
3	9	2	6	4	7	1

three million, nine hundred and twenty-six thousand, four hundred and seventy-one

3 926 471	
3 926 000	471

Greater Than	Less Than	Equal To
>	<	=

Round Any Number

Rounding to the nearest 1000

2000 ←	2499	2500 →	3000
round down		round up	

Rounding to the nearest 100 000

200 000 ←	249 999	250 000 →	300 000
round down		round up	

Rounding to the nearest 10 000

20 000 ←	24 999	25 000 →	30 000
round down		round up	

Rounding to the nearest 1 000 000

2 000 000 ←	2 499 999	2 500 000 →	3 000 000
round down		round up	

Do It.

Use place value counters to represent the following numbers:
4,000,000
4,200,000
4,260,000
4,205,600
4,210,056

Twist It.

Colin thinks that he has represented the number 2 123 421

Explain why he is incorrect.

Deepen It.

You can represent seven different numbers with seven different place value counters chosen from:

Do you agree?

What it is.

What it is not.

What problems can I solve with this knowledge?