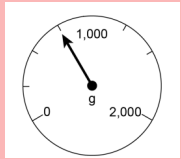
Year 5 Place Value Knowledge Organiser

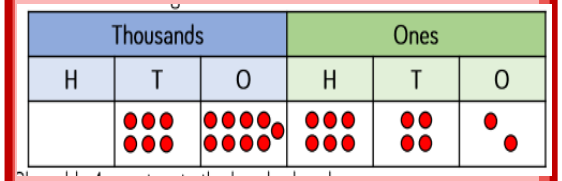
Star Vocabulary

Place value	Place value is the value of each digit in a number.
Digits	Any of the numerals from 0 to 9
Value	The worth of something
Numeral	A number
Intervals	The space between the 2 given numbers
Ascending	Numbers ordered from smallest to largest
Descending	Numbers ordered from largest to smallest
Distribute	To share/ give out

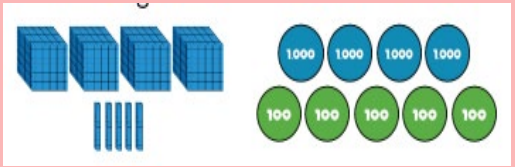
Recognise the place value of each digit in four-digit numbers.

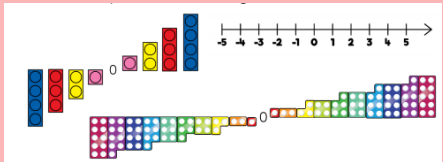
Place value is the **value** of each digit in a number. For example, the 5 in 350 represents 5 tens, or 50; however, the 5 in 5,006 represents 5 thousands, or 5,000.

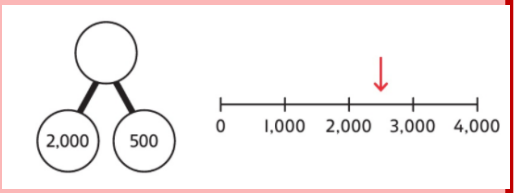




Recognise the place value of each digit up to 2 decimal places.







Sentence Stems

The value of _____is _____in this number.

I noticed that 10 hundred are equivalent to _____.

Which multiple of 10 does ___sit between.

Misconceptions: Why?

I can have more than 9 of the same type of number e.g., 11 tens/

When adding 1000 the 100 column changes.

When rounding to the nearest 10 you must look at the 10 column.

Factual & Conceptual Fluency progression

- Addition and subtraction within 10.
- Addition and subtraction across 10.
- Secure and maintain fluency in addition and subtraction within and across 10, through continued practice.
- Recall the 10 and 5 multiplication tables, and corresponding division facts.
- Recall the 2, 4 and 8 multiplication tables, and corresponding division facts.
- Recall the 3, 6 and 9 multiplication tables, and corresponding division facts.
- Recall the 11 and 12 multiplication tables, and corresponding division facts.
- Recall the 7-multiplication table, and corresponding division facts.
- Secure and maintain fluency in all multiplication tables, and corresponding division facts, through continued practice.