Place Value Y4

MATHS KNOWLEDGE ORGANISER

ESSENTIAL VOCABULARY	
Thousands	**1000**
Hundreds	**100**
Tens	**10**
Ones	**1**
Zero	**0- no value.**
Place value	**The place where a number sits within a number tells you its value.**
Greater than	**A number that is bigger than another number.**
Less than	**A number that is smaller than another number.**
Order	**Organising numbers based on value.**
Round/rounded to	**Simplifying a number usually to its nearest multiple of 10, 100 or 1000.**
Negative number	**A number with a value less than 0.**
Partition	**Pulling apart a number to simplify a mathematical question or to understand value.**
Digit	**A number/numeral.**
Roman numeral	Roman numerals are the symbols used in a system of numerical notation based on the ancient Roman system.

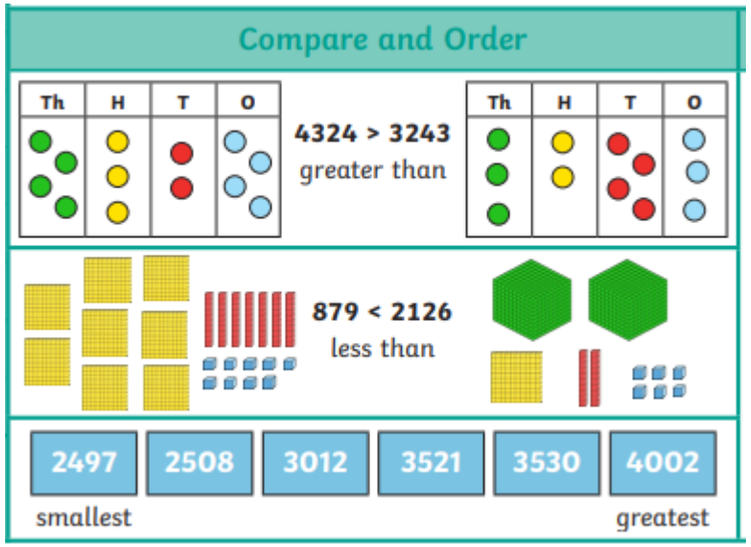
Key Themes

- Place value
- Rounding
- Estimation
- Magnitude
- Roman numerals

Stem Sentences

Rounding to the nearest _____. _____ is between _____ and _____. The closest multiple of _____ is _____. I know this because _____.

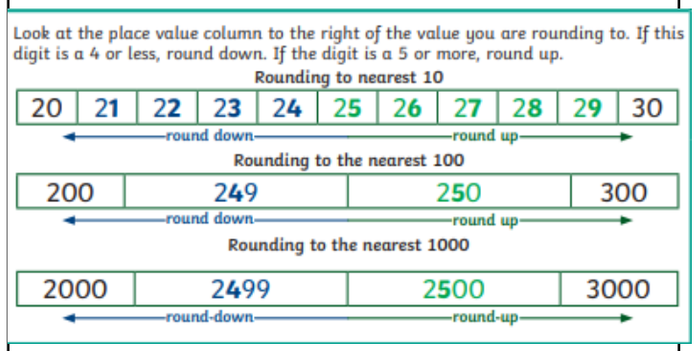
Useful Diagrams



LINKS TO PREVIOUS LEARNING

- count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward
- recognise the place value of each digit in a two-digit number (tens, ones)
- identify, represent and estimate numbers using different representations, including the number line
- compare and order numbers from 0 up to 100; use and = signs
- read and write numbers to at least 100 in numerals and in words
- use place value and number facts to solve problems.

Any Visual Representations



'As a family we live, love, learn and celebrate with Jesus.'