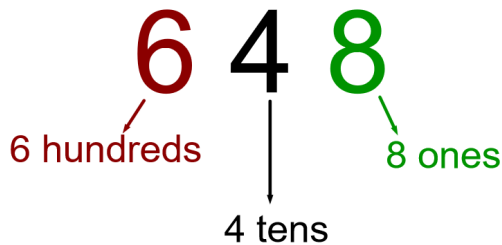




Topic: Place Value

Year: 3

Strand: Place Value



What should I already know?

- Recognise the place value of each digit in a two-digit number (10s, 1s)
- 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
- Count in steps of 2, 3, and 5 from 0, and in 10s from any number, forward and backward
- Use place value and number facts to solve problems

Key Vocabulary	
ones	The smallest value in a whole number.
tens	10 ones = one ten
hundreds	100 ones = one hundred 10 tens = one hundred
partition	To separate a whole number into different parts.
multiple	The result of multiplying a number by another number.
order	Using place value, sorting numbers into numerical order.
compare	To identify which value is greater than or less than.
equal	The same as
place value	The value of where a digit is in the number.
digit	A single numeral which forms a number.

What will I know by the end of the unit?

How many 10s are equal to 100?	10
What is the relationship between the hundreds column and the tens column?	The hundreds column is 10 X greater
How many tens are in 140?	14 tens
What is the place value of each digit in the number 158?	8 ones 5 tens 1 hundred
How do you partition 483?	$400 + 80 + 3$
What is the place value of the digit 3 in 374?	3 hundreds
Fill in the gap using $>$ $<$ or $=$ $300 + 40 + 7$ _____ 374	$<$
Using a pictorial representation, show 241	
Write the number 526 in words.	Five hundred and twenty six
What is 100 more than 412?	512
A plant was 76cm tall. It grew another 100cm. How tall is it now in cm?	176cm

Objectives

- Recognise the place value of each digit in a 3-digit number (100s, 10s, 1s)
- Compare and order numbers up to 1,000
- Identify, represent and estimate numbers using different representations
- Read and write numbers up to 1,000 in numerals and in words
- Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number
- Solve number problems and practical problems involving these ideas