



Pertont Primary Academy

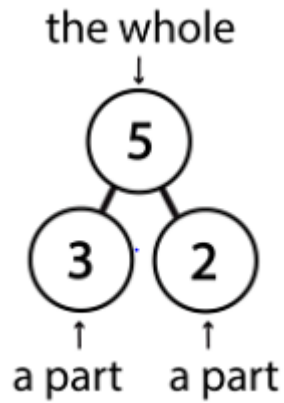
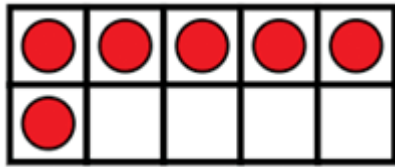
Calculation Policy

2023 -2024

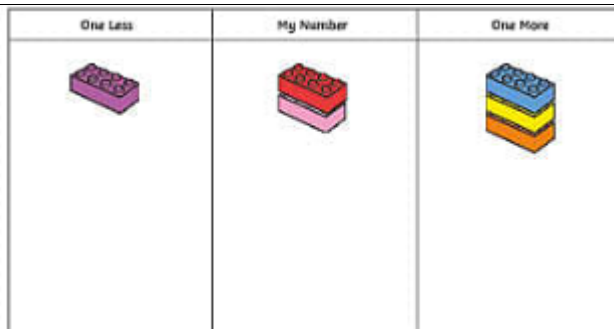
Reception to Year 4
Place Value Policy

Skill: Understanding the composition of numbers to 10.

Reception

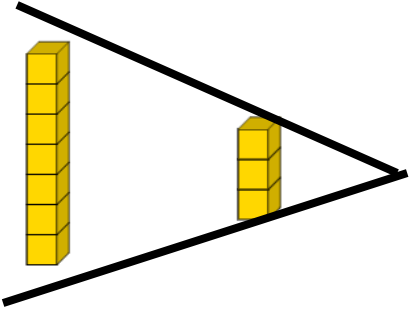
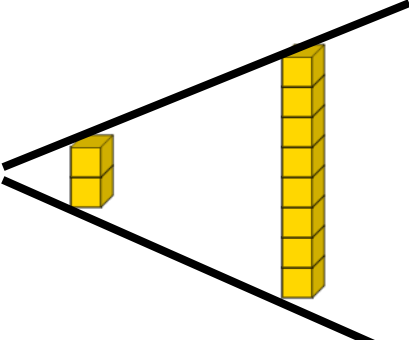


Children use a range of resources and manipulatives to explore the composition of numbers to 10.



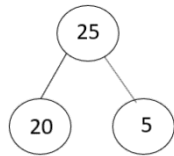
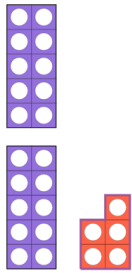
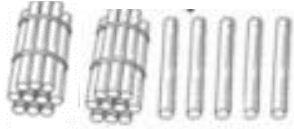
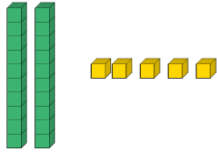
Children explore the concept of one more and one less.

Place Value

Skill: Identifying greater than and less than	Year 1
 <p>7 is greater than 3.</p>  <p>2 is less than 8.</p>	<p>identify and represent numbers ... and use the language of: equal to, more than, less than (fewer), most, least</p>

Skill: Identify place value tens and ones

Year 2



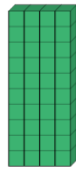
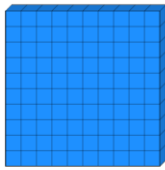
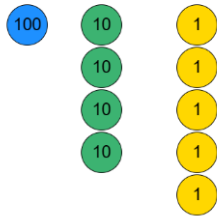
tens	ones

Identify and write numbers in tens and ones.

25 is made of 2 tens and 5 ones

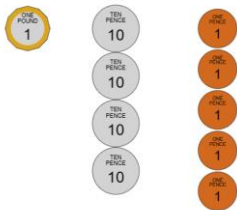
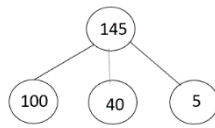
recognise the value of each digit in a two-digit number (tens, ones)

compare and order numbers from 0 up to 100; use and = signs (see Year 1)



Identify and write numbers in hundreds, tens and ones.

145 is made of 1 hundreds, 4 tens and 5 ones



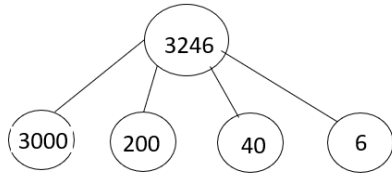
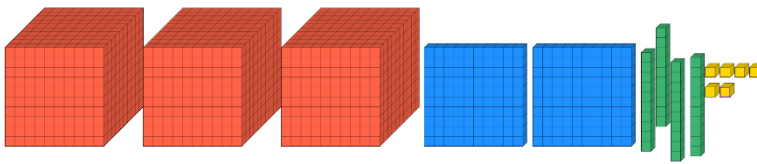
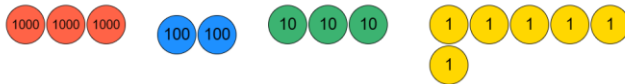
hundreds	tens	ones

Recognise the place value of each digit in a three-digit number (hundreds, tens, ones)

compare and order numbers up to 1000 (see Year 1 for < and >)

Identify and write numbers in thousands hundreds, tens and ones.

3246 is made of 3 thousands, 2 hundreds, 4 tens and 6 ones

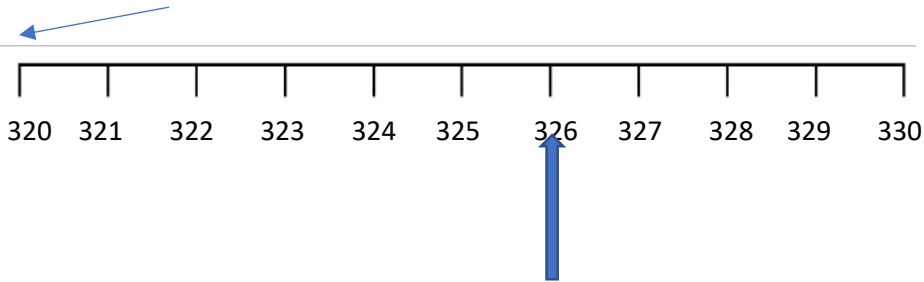


thousands	hundreds	tens	ones

recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones)

Round 326 to the nearest ten

Identify the digit you are rounding to, in this example the tens. Place 320 on the this end of the line



Mark the number on the number line and then decide which it is closer to, 320 or 330

Round any number to the nearest 10, 100 or 1000

Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones	.	tenths	hundredths	thousandths	ten thousandths	hundred thousandths
HTH	TTh	Th	H	T	O	.	t	h	th	tth	hth
100,000	10,000	1,000	100	10	1	.	$\frac{1}{10}$	$\frac{1}{100}$	$\frac{1}{1,000}$	$\frac{1}{10,000}$	$\frac{1}{100,000}$
<p>Whole Number Part</p>						<p>Decimal Point</p>	<p>Fractional Part</p>				

Write the place values of all the digits in the given number