

Year 3 Pathway Autumn

Autumn	Number Place value	Number Addition and subtraction	Number Multiplication and division A
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Place Value



Identify, represent and estimate numbers using different representations

Recognise the place value of each digit in a 3-digit number (hundreds, tens, ones)

Read and write numbers up to 1,000 in numerals and words

Count from zero in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number



+ - Addition and Subtraction

Add and subtract numbers mentally, including:

- a 3-digit number and ones
- a 3-digit number and tens
- a 3-digit number and hundreds

Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction

Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction

Estimate the answer to a calculation and use inverse operations to check answers

✖ ÷ Multiplication and Division A



Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for 2-digit numbers times 1-digit numbers, using mental and progressing to formal written methods

Show that multiplication of two numbers can be done in any order (commutative) and division on one number by another cannot (Y2)

Count in steps of 2, 3 and 5 from 0, and in 10s from any number, forward and backward (Y2)

Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers (Y2)

Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables

Number and Place value	Addition and Subtraction	Multiplication and division	Measure	Position and direction	Shape	Fractions	Data/Statistics
Numbers to 1000	Column addition, Column subtraction,	Product	Twelve/twenty four hour clock	Greater, less than	Horizontal,	Numerator	Chart
Partition	Inverse	Multiples of...	Am, pm	Ninety degrees	Vertical	Denominator	Bar chart
Recombine	Equals	Scale up	Roman numerals I to XIII	Orientation,	Perpendicular lines	Unit fraction, non unit fraction	Frequency table
Hundred more, less	Difference between,	Multiply, multiple of		Same orientation	Parallel lines	Compare and order	Carroll diagram
Equal to, same as	How many more make...?	Repeated addition,		Different orientation		Tenths	Venn diagram
Odd, even	How much more is...?	Array, row					Axis
Compare	How much less is...?	Share, share equally					Diagram
Value	Subtract, take away, minus	Equal groups of					
	How many fewer is...?	Divide, divided by, left over					
	How much less is...?						