

# Year 5 Maths

Number and Place Value		Addition and Subtraction	
Key Learning	Key Vocabulary	Key Learning	Key Vocabulary
Read and identify number to 1,000,000 Identify and read Roman numerals Identify and order negative numbers Identify number sequences	equivalent roman numerals formula sequence ascending descending consecutive	Add numbers with 4+ digits Subtract numbers with 4+ digits Use rounding to check Calculate mentally for addition and subtraction	add subtract thousands ten thousands mentally inverse round estimate
Multiplication and Division		Statistics	
Key Learning	Key Vocabulary	Key Learning	Key Vocabulary
Identify factors and multiples Identify prime numbers Finding squared and cubed numbers Multiply and divide by 10, 100 and 1,000 Multiply 4+ digits by 1 and 2-digit numbers Divide 4-digit numbers by 1 and 2-digit numbers	factor multiple prime number composite number square number cube number square (x2) Cube (x3) inverse multiply divide prime factor remainder	Read two-way tables Interpret and draw line graphs	graph line graph table dual line graph horizontal vertical two-way table scale axis/axes data plot/ plotted
Fractions		Measures	
Key Learning	Key Vocabulary	Key Learning	Key Vocabulary
Identify and calculate equivalent fractions Convert between improper fractions and mixed numbers Compare and order fraction with different denominators Represent fractions as a division sentence Add and subtract fractions with different denominators Multiply fractions including mixed numbers by a whole number	numerator denominator equivalent whole fraction simplify expand improper mixed number convert whole equal parts operator common - denominator	Measure and calculate perimeter using addition and multiplication Calculating area using multiplication Estimating volume of shapes using cubed units Estimating capacity in mL and L Convert between metric units Identify imperial units of length, mass and capacity	metric unit imperial units kilo/ kilogram gram millimetre centimetre metre kilometre inch/ foot/ yard pint/ gallon stone volume capacity estimate
Decimals and Percentages		Geometry	
Key Learning	Key Vocabulary	Key Learning	Key Vocabulary
Order and compare decimals with 3 places Round decimals Write percentages as decimals and fractions Find decimal, fraction and percentage equivalents Multiply decimals by 10, 100 and 1000 Divide decimals by 10, 100 and 1000	decimal decimal place tenths hundredths thousandths decimal point per cent (%) percentages	Relating turns to angles Drawing lines and angles in complex shapes Identifying regular and irregular polygons Using 3D shape properties to reason and explain Understand and identify reflection Understand and identify translation	angle whole turn right angle acute angle obtuse angle reflex angle degrees interior angle clockwise anticlockwise orientation perpendicular parallel regular/ irregular quadrilateral