



For Skills to be awarded they should be completely embedded and demonstrated in a range of contexts and learning experiences.



Year 6 Maths Checklist

Name:

Class:

Autumn Skills	Achieved	Spring Skills	Achieved	Summer Skills	Achieved
Number		Number		Number	
I can read, write, order and compare numbers to ten million		I can check my answers using number facts and rounding		I can solve number problems	
I can determine the value of each digit in numbers up to ten million		I can solve number problems		Addition and Subtraction	
I can round any number		Addition and Subtraction		I can solve multi step addition and subtraction problems in context	
Addition and Subtraction		I can solve multi step addition and subtraction problems in context		Multiplication and Division	
I can add and subtract mentally with integers, decimals and fractions		Multiplication and Division		I can solve problems involving combinations of all four operations	
I can use estimation to check answers		I can multiply and divide whole numbers and decimals by 10 and 100 and 1000		I can use my knowledge of the order of operations to carry out calculations using the four operations	
Multiplication and Division		I can scale numbers up or down to solve a problem		Decimals, fractions and percentages	
I can identify common factors, common multiples and prime numbers		I can solve problems involving combinations of all four operations		I can solve problems which require answers to be rounded to specified degrees of accuracy	
I can multiply and divide mentally with integers and decimals		Decimals, fractions and percentages		Ratio and proportion	
I can multiply multi-digit numbers		I can multiply simple pairs of proper fractions		I can solve problems involving similar shapes where the scale factor is known or can be found	
I can divide numbers up to 4 digits by a two-digit number using an appropriate method		I can calculate equivalent decimal fractions		I can solve problems involving unequal sharing and grouping	
Decimals, fractions and percentages		I can divide proper fractions by whole numbers		Algebra	
I can use common factors to simplify fractions and use common multiples to express fractions in the same denomination		I can use written division methods to divide whole numbers and decimals		I can find pairs of numbers that satisfy an equation with two unknowns	
I can compare and order fractions, including fractions greater than 1		I can recall and use equivalences between simple fractions and percentages		I can enumerate possibilities of combinations of two variables	
I can add and subtract fractions with different denominators and mixed numbers		Ratio and proportion		Measurement	
I can find fractions		I can solve problems involving the relative size of two quantities		I can solve measuring problems	
I can add whole numbers and decimals		I can solve problems involving the calculation of percentages		I can calculate, estimate and compare volume · I recognise when it is possible to use the formulae for the volume of shapes	
I can subtract whole numbers and decimals		Algebra		Geometry	
I can identify the value of each digit to three decimal places, multiply and divide by 10,100, 1000		I can use simple formulae		I can illustrate and name parts of circles	
I can multiply one digit numbers with up to two decimal places by whole numbers		I can generate and describe linear number sequences		I can compare and classify geometric shapes	
Algebra		Measurement		I can recognise angles and find missing angles	
I can express missing number problems algebraically		I can calculate the areas of parallelograms and triangles		I can draw and translate and reflect shapes that are not parallel or perpendicular to the mirror line	
Measurement		I recognise when it is possible to use the formulae for the area of shapes		I can describe positions on the full coordinate grid	
I can calculate the perimeter of rectilinear shapes		I can solve measuring problems		I can show I can translate, reflect and rotate shapes in all four quadrants	
I recognise that shapes with the same areas can have different perimeters and vice versa		I can read scales with un-numbered divisions accurately		Statistics	
I can use, read, write and convert between standard units		I can measure using negative numbers		I can think of questions and answer them by collecting data and analysing it	
I can convert miles to km and vice versa		I can solve money problems in pounds and pence		I can follow a statistical line of enquiry	
Geometry		Geometry			
I can describe simple 3D shapes		I can draw 2D shapes using given dimensions and angles			
I can recognise and build simple 3D shapes including making nets		I can find unknown angles in 2D shapes			
I can recognise and classify polygons		Statistics			
Statistics		I can interpret and construct a pie chart			
I can draw a line graph and use this to answer a question		I can calculate and interpret the mean as an average			