



Year 5 - I Can Objectives Tick Sheet

	I can...	✓	Date
Number and Place Value	Count forwards and backwards in steps of 1,000 and 100,000 from any number up to 1,000,000		
	Round any number up to 1,000,000 to the nearest 100,000 10,000, 1000, 100 and 10		
	Read Roman numerals to 1000(M) and recognise years written in Roman numerals		
	Solve number problems and practical problems that involve all these aspects		
	Read, write and compare numbers to at least 1,000,000		
	Understand negative numbers in context and count backwards and forwards with positive and negative numbers		
+ and -	Mentally add and subtract any 2 and 3-digit numbers		
	Add and subtract any 1000s number from any 5-digit number		
	Use rounding to check answers		
	Solve addition and subtraction multi-step problems		
x and ÷	Identify multiples and be able to find all factor pairs		
	Recognise and use squared and cubed numbers and the correct notation		
	Work out if a number is prime up to 100 and recall prime numbers up to 19		
	Solve problems where larger numbers are used by decomposing them into their factors		
	Multiply numbers up to 4-digits by a 1-digit and 2-digit number using an efficient written method		
	Divide numbers up to 4-digits by a 1-digit number using short division written method		
	Solve problems including scaling by simple fractions and problems involving simple rates		
	Solve problems using all four operations		
	Multiply and divide whole numbers and decimals by 10, 100 and 1000		
Fractions	Solve problems which require knowing percentage and decimal equivalents of $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{2}{5}$, $\frac{4}{5}$ and those with a denominator of a multiple of 10 or 25		

	I can...	✓	Date
Fractions	Read, write, order, compare and round decimals		
	Compare and order fractions whose denominators are all multiples of the same number		
	Add and subtract fractions with the same denominator and related fractions; write mathematical statements >1 as a mixed number		
	Multiply proper fractions and mixed numbers by whole numbers up to 10, supported by materials and diagrams		
	Recognise the percent symbol (%) and understand it relates to 'number of parts per hundred'		
Measures	Convert metric to common imperial units and imperial to metric		
	Measure and calculate the perimeter of composite rectilinear shapes in cm and m		
	Calculate and compare the areas of squares and rectangles using square centimetres and square metres and estimate the area of irregular shapes		
	Convert between different units of metric measure and estimate volume		
Shape	Draw given angles and compare and estimate different types of angles		
	State and use the properties of a rectangle (including squares) to deduce related facts		
	Distinguish between regular and irregular polygons based on reasoning about equal sides and angles		
	Identify multiples of 90° ; angles at a point on a straight line and $\frac{1}{2}$ a turn (total 180°); angles at a point and one whole turn (total 360°); reflex angles and compare different angles		
	Identify, describe and represent the position of a shape following a reflection or translation in all four quadrants and know that the shape has not changed		
Data	Solve problems using information presented in line graphs		
	Interpret information in tables and timetables		