

KPO's	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Addition and Subtraction:						
I can use rounding to check my calculation			✓		✓	
I can estimate and use the inverse operation to check my calculation			✓		✓	
I can add any whole number using an efficient method	✓		✓		✓	
I can subtract any whole number using an efficient method	✓		✓		✓	
I can use rounding to check my calculation ★			✓		✓	
<i>I can estimate and use the inverse operation to check my calculation ★</i>			✓		✓	
Number & Place Value:						
I can recognise the place value of each digit in any number up to 10,000,000	✓			✓	✓	
I can identify the value of each digit in numbers given to three decimal places and multiply and divide numbers by 1, 100 and 1000	✓	✓	✓	✓		
<i>I can read, write, order and compare numbers to 10,000,000</i>	✓	✓			✓	
<i>I can count forwards and back with positive and negative numbers including through zero ★</i>			✓			
<i>I can round any number up to a required degree of accuracy ★</i>	✓	✓	✓			
I can compare and order fractions			✓			
Multiplication & Division:						
<i>I can multiply multi-digit numbers (up to 4 digits) by a two-digit whole number using long multiplication ★</i>		✓		✓		
I can find all factor pairs of a number and common pairs of factors of two numbers		✓	✓			
I can identify prime numbers and prime factors		✓	✓			
I can identify square numbers and cube numbers and use the correct notation to express them		✓	✓			
<i>I can divide numbers of up to four digits by a two digit number using the formal written method of long division and interpret the remainders ★</i>	✓	✓		✓		✓

I can divide numbers of up to four digit by a two digit number using the formal written method of short division and interpret the remainders	✓	✓		✓		✓
Fractions, Decimals and Percentages:						
I can use common factors to simplify fractions and use common multiples to express fractions in the same denomination			✓	✓		
I can add, subtract, compare and order fractions with different denominators and mixed numbers				✓	✓	
I can multiply simple pairs of proper fractions, writing my answer in its simplest form			✓			✓
I can divide proper fractions by whole numbers			✓			
I can multiply numbers with up to two decimal places by whole number		✓		✓		✓
I can divide using a written method for numbers up to two decimal places ☆		✓		✓		
I can recall and use equivalences between simple fractions, decimals and percentages ☆	✓		✓		✓	✓
I can calculate percentages and convert between decimals, fractions and percentages	✓	✓			✓	✓
Problem Solving:						
I can solve multiple step addition problems including missing number problems		✓			✓	
I can solve multiple step subtraction problems including missing number problems ☆		✓			✓	
I can solve multiple step multiplication problems including missing number problems	✓	✓		✓		
I can solve multiple step division problems including missing number problems	✓	✓		✓		
I can solve multiple step problems with measure	✓	✓	✓			
I can solve fraction, percentages and decimals problems using a model ☆		✓			✓	
I can solve multiple step problems using multiple operations	✓	✓	✓		✓	
Ratio & Proportion:						
I can use ratio to show the relative sizes of two quantities, recognise equivalence, simplify to its lowest terms ☆						✓
Shape:						
I can draw 2D shapes when given the dimensions and angles				✓		✓
I can recognise, describe and build 3D shapes: including making nets				✓		✓
I can compare and classify geometric shapes based on their properties and sizes ☆				✓		✓

I can find unknown angles in any triangle, quadrilateral or regular polygons						✓
I can find unknown angles where they meet at a point on a straight line						✓
I can illustrate and name parts of a circle, including radius, diameter and circumference and know that diameter is twice the radius				✓		✓
Measure:						
I can convert between miles and Km	✓				✓	
I can calculate perimeter and area and know that shapes that have the same area can have different perimeters and vice versa	✓			✓		✓
I can calculate the area of a triangle and parallelogram				✓		✓
I can calculate volume using cm ³ and m ³ extending to mm ³ km ³				✓		✓
I can use, read, write and convert between: units of length, mass and volume ★★	✓					✓
Statistics:						
I can interpret and construct pie charts and use these to solve problems ★★	✓	✓	✓		✓	
I can interpret and construct line graphs and use these to solve problems ★★	✓	✓	✓			
I can calculate mean as an average and the range ★	✓	✓			✓	
Algebra:						
I can use simple formulae ★					✓	✓
I can express missing number problems algebraically			✓	✓		
I can find pairs of numbers that satisfy an equation with two unknowns	✓			✓	✓	
I can understand equivalent expressions e.g. $a+b = b+a$						
Time:						
I can read, write and convert units of time				✓		
I can find the duration between two given times				✓		
I can add and subtract in minutes and hours				✓		
Position and Direction:						
I can describe positions on the full co-ordinate grid (all four quadrants) ★★				✓		
I can draw and translate simple shapes on the co-ordinate plane, and reflect them in the axes				✓		

