

Autumn 1

	Year 7 Mastery Skill - AUTUMN 1	R	A	G
1.1	I can evaluate time			
1.2	I can compare and calculate with time			
1.3	I can understand the base 10 number system			
1.4	I can understand the Mayan number system			
2.1	I can multiply numbers			
2.2	I can apply commutativity			
2.3	I can connect multiplication and division			
2.4	I can apply associativity			
2.5	I understand that multiplication take priority			
2.6	I can apply multiplication facts			
2.7	I can represent numbers as letters			
2.8	I can solve number problems			
3.1	I can identify squares, primes and factors			
3.2	I can investigate prime numbers			
3.3	I can represent integers			
3.4	I can represent Integers as a product of 2 factors			
3.5	I can complete factor polygons			
3.6	I can find common multiples			
3.7	I can express multiples using algebra			
3.8	I can spot patterns in prime numbers			
4.1	I can understand the priority of four operations			
4.2	I can write calculations with words or symbols			
4.3	I can write calculations to find area			
4.4	I can calculate with variables			

Strengths:

Improvements:

AUTUMN 2

	Year 7 Mastery Skill - AUTUMN 2	R	A	G
	I can understand negative numbers			
	I can order positive and negative numbers			
	I can add positive numbers to negative numbers			
	I can add negative numbers to negative numbers			
	I can subtract positive numbers			
	I can subtract negative numbers			
	I can understand multiplication as scaling			
	I can use negative scale factors			
	I can multiply two negative numbers			
	I can write division as a reciprocal			
	I can divide two negative numbers			
	I can use all four number operations with negative numbers			
	I can substitute into an expression			
	I can simplify expressions by collecting like terms			
	I can expand a single bracket			
	I can factorise an expression			
	I can form an equation			
	I can form an equation by balancing			
	I can form an inequality			
	I can form an inequality related to an equation			
	I can form an expression for the perimeter			
	I can form an inequality to compare perimeters			
	I can use counting strategies for repeating patterns			
	I can generalise counting strategies algebraically			

Strengths:

Improvements:

AUTUMN 2

	Year 7 Mastery Skill - SPRING 1	R	A	G
	I can describe and measure angles			
	I can measure and draw angles			
	I can find unknown angles			
	I can describe parallel lines			
	I can identify angles formed by parallel lines			
	I can identify alternate angles			
	I can identify corresponding and allied angles			
	I can define and identify the orders of symmetry			
	I can count the lines of symmetry			
	I can classify triangles			
	I can solve problems with triangles			
	I can compare quadrilaterals			
	I can use diagonals in quadrilaterals			
	I can find unknown angles in quadrilaterals			
	I can draw tessellations with quadrilaterals			
	I can construct triangles			
	I can identify impossible triangles			
	I can draw similar triangles			
	I can construct rhombuses and kites			
	I can construct more rhombuses and kites			

Strengths:

Improvements:

SPRING 2

	Year 7 Mastery Skill - SPRING 2	R	A	G
10.1	I can describe positions on grids			
10.2	I can identify and compare line segments			
10.3	I can find midpoints of line segments			
10.4	I can solve geometric problems			
10.5	I can create shapes from midpoints			
10.6	I can create shapes from diagonals			
10.7	I can draw horizontal and vertical lines			
10.8	I can solve problems with horizontal and vertical lines			
11.1	I can calculate the perimeter of polygons			
11.2	I can calculate area by counting			
11.3	I can analyse the effect of combining shapes on area and perimeter			
11.4	I can explore area and perimeter of different rectangles			
11.5	I can calculate the area of rectilinear shapes			
11.6	I can calculate the area of a parallelogram			
11.7	I can calculate the area of a triangle			
11.8	I can solve problems with the area of triangles			
12.1	I can translate shapes using column vectors			
12.2	I can rotate shapes			
12.3	I can reflect shapes in horizontal and vertical lines			
12.4	I can describe different transformations			
12.5	I can combine more than one reflection			
12.6	I can combine translations and reflections			
12.7	I can identify and use scale factors for enlargement			
12.8	I can describe and draw enlargements			

Strengths:

Improvements:

SUMMER 1

	Year 7 Mastery Skill - SUMMER 1	R	A	G
13.1	I can understand and use index notation			
13.2	I can use prime numbers as building blocks			
13.3	I can write a number as a product of its prime factors			
13.4	I can find the factors of a number			
13.5	I can find the HCF of two numbers			
13.6	I can use prime factorisation to find the HCF			
13.7	I can find the LCM of two numbers			
13.8	I can use prime factorisation to find the LCM			
14.1	I can understand that a fraction is part of a whole			
14.2	I can use fractions of measurements			
14.3	I can use fractions as division			
14.4	I can make equivalent fractions			
14.5	I can compare equivalent fractions			
14.6	I can find a common denominator of two fractions			
14.7	I can convert fractions to decimals			
14.8	I can order fractions			
15.1	I can multiply a unit fraction by a whole number			
15.2	I can multiply any fraction by a whole number			
15.3	I can multiply two fractions			

Strengths:

Improvements:

SUMMER 2

	Year 7 Mastery Skill - SUMMER 2	R	A	G
15.5	I can divide a fraction by an integer			
15.6	I can use bar models to represent division			
15.7	I can divide a fraction by a fraction			
15.8	I can divide with fractions in mixed contexts			
15.9	I can add and subtract fractions with like denominators			
15.10	I can add fractions to make 1			
15.1	I can add and subtract fractions with unlike denominators			
15.1	I can use understanding of distributivism to add and subtract fractions			
16.1	I can understand ratio using groups			
16.2	I can find equivalent ratios			
16.3	I can use proportionality to make equivalent ratios			
16.4	I can find a missing value using equivalent ratios			
16.5	I can use ratio in similar triangles			
16.6	I can find ratios on coordinate grids			
16.7	I can divide a quantity into a given ratio			
16.8	I can use fractions to divide a quantity into a given ratio			
17.1	I can represent fractions as percentages on a number line			
17.2	I can write tenths, hundredths and thousandths as percentages			
17.3	I can convert between fractions and percentages			
17.4	I can calculate a percentage of an amount			
17.5	I can find more difficult percentages of an amount			
17.6	I can write percentages as decimals to find percentages of an amount			
17.7	I can find percentages of an amount above 100%			

Strengths:

Improvements: