Topic	Knowledge
	I can show multiplication as a diagram
	I can multiply 1-digit positive numbers
	I can multiply multi-digit positive integers
	I can multiply multi-digit positive integers
	I can multiply and divide in base 10
	I can divide multi-digit integers
	I can use multiplication facts to test for divisibility.
	I can add positive and negative mixed number fractions
General Number	I can add together like terms
Sense -	I can calculate the perimeter of 2D shapes
Multiplication	I can list prime numbers and write a number as a product of primes
	I can multiply negative integers
	I can multiply integers by positive unit fractions
	I can multiply integers by positive fractions
	I can multiply integers by negative fractions
	I can calculate a percentage of an amount
	I can multiply an integer by a decimal
	I can divide integers by a decimal
	I can multiply decimals
	I can divide decimals
	I can multiply a vector by a scalar
	I can multiply algebra
General Number	I can divide algebra
Sense -	I can expand a single bracket by an integer
Multiplication	I can find factors of integers and algebra
	I can calculate the HCF
	I can calculate the LCM
	I can calculate the area of a rectangle and triangle
	I can calculate the square of any number
	I can calculate the square root of any number
	I understand the concept rational and irrational numbers
	I can identify irrational numbers
Number Sense	I can simplify surds
Indices	I understand the hierarchy of operations and can use the concept for any
	calculation
	I can identify and a cube number
	I can convert numbers to standard form and vise-versa
	I can multiply and divide numbers in standard form
	I can add numbers in standard form
	I can substitute values into an expression
	I can rearrange a formula
Into the Unknown	I can solve a linear equation
	I can identify quadratic and geometric sequences
	I can find terms of a sequence
	I can generate a sequence from its nth term

	I can calculate the nth term of a sequence
	I can calculate the nth term of a quadratic sequence
	I can plot a linear equation
	I can calculate the equation of a line
	I can convert fractions to ratios and vice-versa.
Partie.	I can manipulate and simplify ratios
	I can use unitary method
	I can find increase and decrease by percentages using a multiplier.
	I can convert between metric units using ratio.
	I can find best buys
Ratio	I can use ratios in maps and scales (interpreting scale drawings)
	I can solve problems involving ratios, where the difference between the two parts is
	given
	I can convert between different units of area/volume
	I can convert between Speed Distance Time
	I can convert Force Pressure and Area.
	i can convert Force Pressure and Area.
Units	I can convert Mass Density and Volume.
Units	
Units	I can convert Mass Density and Volume.
Units	I can convert Mass Density and Volume. I can find lower and upper bound.
	I can convert Mass Density and Volume. I can find lower and upper bound. I can identify congruence (SSS, SAS, RHS, ASA).
Congruence	I can convert Mass Density and Volume. I can find lower and upper bound. I can identify congruence (SSS, SAS, RHS, ASA). I can label angles and sides in a triangle appropriately and prove congruence.
	I can convert Mass Density and Volume. I can find lower and upper bound. I can identify congruence (SSS, SAS, RHS, ASA). I can label angles and sides in a triangle appropriately and prove congruence. I can calculate lengths in similar triangles.
Congruence	I can convert Mass Density and Volume. I can find lower and upper bound. I can identify congruence (SSS, SAS, RHS, ASA). I can label angles and sides in a triangle appropriately and prove congruence. I can calculate lengths in similar triangles. I can calculate lengths in similar shapes