Number	Round decimals to any given accuracy
	Recognise equivalences and perform calculations with powers of 10 e.g.: $0.1, \frac{1}{10}, 10^{-1}$
	Recall from memory the cubes of 1,2,3,4,5 & 10
	Know and use the laws of indices e.g.: $a^m \times a^n, \frac{a^m}{a^n}, (a^m)^n, a^0, a^1$
	Calculate the Lowest Common Multiple(LCM) & Highest Common Factor(HCF) using Venn diagrams
	Convert between ordinary numbers and numbers in standard form
	Add, subtract, multiply and divide numbers that are written in standard form
	Divide any integer by a decimal by converting to division by an integer e.g.: $6 \div 0.2 = \frac{6}{0.2} = \frac{60}{2}$
	Add, subtract, multiply and divide fractions; including different denominators
	Understand the term reciprocal and calculate reciprocals of any integer, decimal or fraction
	Convert simple fractions into recurring decimals using bus-stop method
	Calculate percentage increase and decrease
	Calculate simple interest
Algebra	Expand and simplify brackets including with negatives e.g.: $3(x+4) - (x+5)$
	Construct and solve linear equations, including unknowns on both sides
	Construct, use and rearrange simple formulae
	Plot and solve inequalities on a number line
	Solve simultaneous equations graphically
	Identify and continue the Fibonacci sequence
	Add and subtract simple algebraic fractions e.g.: $\frac{2}{x} + \frac{1}{3x}$
	Plot quadratic functions with and without a calculator
Ratio & Proportion	Calculate density, mass, volume, speed, time and distance
	Calculate the linear scale factor of similar shapes
	Use proportional reasoning to compare proportions
	Compare two ratios
	Calculate the percentage increase or decrease
Geometry	Construct triangles accurately given SSS, ASA, SAS
	Use a ruler and compasses to bisect an angle
	Construct perpendicular lines
	Enlarge any shape given a positive scale factor
	Describe a rotation, reflection and translation on a co-ordinate grid
	Calculate the circumference and area of a semi-circle and quarter of a circle
	Calculate missing lengths using Pythagoras' Theorem
	Calculate interior, exterior and the sum of angles in polygons
Statistics	Apply and work out the fraction of each sector on a pie chart
	Draw and interpret distance-time graphs
	Calculate averages from frequency tables
Probability	Use $1 - p$ to calculate the probability of an event not occurring
	Calculate a missing probability from a list or table including algebraic terms
	Use a numerical scale from 0 to 1 to express and compare experimental and theoretical probabilities in a range of contexts.
	Compare relative frequencies from samples of different sizes
	Complete Venn diagrams and use union and intersection notation