Paper 1					
	Covered before	Covered this year	R	A	G
Types of numbers (prime, cube, square)					
Mean, median, mode and range of data					
Angles (drawing)					
Area of a parallelogram/ area of triangles					
nth term of sequence					
Express one quantity as a fraction of another					
Plotting coordinates					
Substitute numerical values into a formula					
Substitute numerical values into a formula & solve linear equation					
Ratio - simlifying; changing to a fraction					
Use the scale of a map & convert units of measurement for length					
Finding percentage of amount					
Percentage increase/decrease					
Calculate mean from a frequency table					
Direct proportion problem involving converting units of time					
Quantity problem using fractions, ratio & one quantity as a percentage of another					
Enlarge a shape from given centre using a fractional scale factor					
Inequalities - solving and putting on number line					
BIDMAS					
Drawing and interpreting pie charts					
Best value money problem involving direct proportion & units of measurement					
Upper and lower bounds					
Solve linear equations to find angles on straight & parallel lines					
Pythagoras' theorem					
Solve simultaneous equations					
Ordering decimals and standard form					

Paper 2

	Covered before	Covered this year	R	A	G
Negative numbers (adding/subtracting/ mult/divide)					
Reflection and rotations of simple shapes					
Naming parts of a circle					
Interpret a probability scale, expressing as a fraction					
Write a decimal as a fraction					
Write an improper fraction as a mixed number					
Four rules of fractions					
Collecting like terms in algebra					
Simplify algebraic product					
Plans and elevations of 3 d shapes					
Laws of indices					
Types of sequences (square/ cube/ fibonacci)					
Use a kinematics formula					
Interpret an estimation					
Divide a decimal by a decimal					
Complete a sample space diagram for two events					
Construct perpendicular bisector of a line segment					
Vectors additions					
Speed = distance ÷ time problems					
Scatter graphs, correlation/ line of best fit					
Forming and solving equations					
Compound interest problem					
Construct a Venn diagram to calculate probabilities					
Expanding double brackets (area problem)					
Solve quadratic equation by factorising					

Paper 3					
	Covered before	Covered this year	R	A	G
Calculate volume of a cuboid					
Direct proportion					
Currency conversion problem					
Fraction of an amount					
Share in a ration					
Calculate area of a circle					
Speed= distance/time problem					
Simplify algebraic product					
Factorise algebraic expression					
Recognise the difference between an equation and an identity					
Complete frequency tree					
Interpret relative frequency from a frequency tree					
Use frequency tree to calculate probability					
Convert between and order fractions, decimals and percentages					
Find Lowest Common Multiple					
Use inequality notation to write down an error interval					
Forming and solve linear equation					
Use a table of values to plot graph of quadratic function					
Use graph to find approximate roots of quadratic equation					
Set up and solve equation for simple interest problem					
Prove two triangles are similar using geometry of intersecting & parallel lines					
Find the ratio of quantities in the form 1 : *n*					
Trigonometry					
Use volume of a pyramid to find height					
Find the LCM of two whole numbers from their prime factorisations					

Use the HCF of two whole numbers to find an unknown in a prime factorisation					