Term	Week	Lessons	
Autumn 1	1 and 2	6	**Calculating with Percentages: R9 (D set also cover multipliers & reverse percentages which is not included here)**
			Revision of number basics and key FDP Equivalents
			Percentage of an amount (with and without calculator)
			One amount as a percentage of another
			Percentage increase and decrease. By addition & subtraction. Include simple interest
			Finding the percentage change when given the amounts
			Mixed exam questions on all percentages
	3	3 or 4	**Measures: G14, N13, R1, R11 (Sets A - D are also looking at limits of accuracy)**
			Revision of metric units used for length, volume, mass and their metric conversions. (N13)
			Speed, distance, time calculations
			Compound measures - Density and pressure.
			Mixed exam question practice on these topics
	4 and 5	6	**Statistical Measures: S4, S5, S1 (Same as D set)**
			Two lessons on: Revise finding mean, median, mode and range from a list (and creating a list when given the mean, median, mode and range). Revise meaning of discrete and continuous and outlier
			Revise finding mean, median, mode and range from a frequency table and a bar chart
			Finding mean, median, mode and range from a grouped frequency table.
			Compare 2 data sets and definition of sample/population. Exam Questions where a written answer is required
			Mixed exam questions on statistics
	6	3 or 4	**2D representations of 3D shapes: G13 (Same as D set)**
			Revise names of 3d shapes and faces, edges & vertices. Draw plan, front and side elevation of cube, cylinder, cone, prism etc
			Nets - draw nets of 3D shapes. Interpret nets and predict the 3D shape they will make.
			Isometric drawing and plans and elevations with cubes
			Mixed exam questions on this topic or make some more 3d shapes from nets
	7	3 or 4	**Revision and assessment**
			Revision lesson
			Assessment
			Catch up time for any topics from this half term or number work

Autumn 2	8 and 9	6	**Properties of Polygons: G3, G4 (Same as D set)**
			Revise angle properties and angles in parallel lines (from year 9 week 1)
			Triangles - names & properties, calculating missing angles and sides
			Quadrilaterals - names, properties and missing angle calculations
			Autumn 1 Assessment feedback & corrections
			Polygons (1) - Names of polygons and calculation of interior and exterior angles
			Mix of exam questions (including problem solving type) on angles in polygons and parallel lines
	10 and 11	6	**Basic Algebra and Equations**
			Algebra notation and collect like terms
			Expand single bracket
			Factorise single bracket
			Solve one step equations
			Solve two step equations (Extension = equations with unknown on both sides)
			Mixed extra practice as required
	12 and 13	5	**Construction and Loci: G2 (Same as D set)**
			Construct triangles
			Construct perpendicular bisector, perpendicular from given point to line, perpendicular from point on line
			Construct angle bisector, 60 degree angle, 90 degree angle, 45 degree angle
			Construct loci and start to solve loci problems in context
			Revision lesson
	14	2 or 3	**Catch up week**
			More time on loci and constructions as needed
			Extra time to catch up on any topics from the term
			Number work or Christmas fun!
Spring 1	15 and 16	5 or 6	**Formulae and Sequences: A2, A23, A24**
			Substituting into formulae & expressions
			Substituting into formulae
			Sequences (term to term)
			Sequences n^{th} term
			More practice as needed
	17 and 18	6	**Further Perimeter and Area: G12, G16, G17 (Same as D set)**
			Perimeter and area of rectangles, parallelograms, triangles and trapeziums
			Perimeter and area of rectangles, parallelograms, triangles and trapeziums
			Area of composite shapes
			Surface area of cuboids and prisms
			Surface area of pyramids and composite solids
			Mix of problem-solving area exam questions
	19	3 or 4	Catch up
	20	3 or 4	Revision

Spring 2	21 and 22		**EXAM FORTNIGHT**
	23	3	**Probability (Same as D set): P1, P4, P7**
			Basic probability recap
			Frequency trees to show probability
			Sample space diagrams
	24 and 25	6	**Linear Graphs: A8, A9, A10**
			Coordinates
			Draw straight line graphs from a table of values
			Draw straight line graphs from a table of values
			y = mx + c and gradient and intercept / identifying parallel lines
			Exam questions to practise skills
	26	3	**Congruence and Similarity: G5, G6, G19**
			Definition of congruence and conditions for congruent triangles,
			Definition of similarity and identification of similar shapes
			Calculation of scale factor and missing sides and angles and perimeters in similar shapes (G19)
Summer 1	27	3	**Congruence and Similarity: G5, G6, G19**
			Mix of triangle problem solving (G6) including Pythagoras and isosceles triangles and revise area of a triangle
			Mix of triangle problem solving (G6) including Pythagoras and isosceles triangles and revise area of a triangle
			Mix of triangle problem solving (G6) including Pythagoras and isosceles triangles and revise area of a triangle
	28 and 29	6	**Further Circumference and Area: G9, G17, G18, N8**
			Circles vocabulary
			Area of a circle
			Circumference of a circle
			Area and perimeter of semi circles and quarter circles
			Surface area of a cylinder
	30 and 31	5 or 6	**Volume (Same as D set): G16, G17, N8**
			Volume of cuboid and prism
			Volume of cylinder including exact with pi
			Volume of spheres, pyramids and cones
			Volume of composite solids
			Extra time for volume or topics done badly in the exam
	32	3 or 4	Catch up

Summer 2	33 and 34	6	**Probability**
			Two-way tables
			Venn diagrams
			Tree diagrams
	35	3 or 4	**Number work**
			Number work depending on class
	36 and 37	6	**Transformations: G7, G11**
			Reflections
			Translations
			Rotations
			Enlargements
			Geometry recap
	38 and 39	6	**Algebra recap**
			Collecting like terms and laws of indices (A4)
			Expanding and factorising single brackets
			Solving equations
			Substituting into formulae
			Plotting $y = mx + c$ graphs and recognising gradient and intercept
			Any other additional algebra practice as required