3AL 3AN 3AQ	
Michaelmas 1	**1. <u>Number</u>** Reasoning and number problems Estimation HCF/LCM Powers and Indices Surds Standard Form
Michaelmas 2	**2. <u>Algebra</u>** Indices Expanding and factorising single brackets Expanding and factorising double brackets Equations and formulae Sequences
Lent 1	**3. <u>Transformations and Constructions</u>** Plans and elevations Rotation, reflection, translation and enlargement Combined transformations Constructions Loci
Lent 2	**4. <u>Fractions Ratio and Percentage</u>** Operations with mixed numbers Calculate percentage increase/decrease Convert FDP Repeated percentage change Reverse Percentages
	5. <u>Angles and trigonometry</u> Interior and Exterior angles Pythagoras Right angled trigonometry Bearings and scale drawings

	Angles in Parallel lines
Trinity 1	**6. <u>Graphs</u>** Linear graphs and equations Real life Graphs Quadratic graphs Line segments Cubic and reciprocal graphs
	7. <u>Area and Volume</u> Perimeter Units and accuracy Volume Surface area Circles and sectors Cylinders and spheres Pyramids and cones
Trinity 2	**8. <u>Equations and Inequalities</u>** Solving quadratic equations Solving linear simultaneous equations Linear inequalities
	<u>Revision of Units 1-8</u>