3AM 3AU	
Michaelmas 1	**1. <u>Number</u>** Reasoning and number problems Estimation HCF/LCM Powers and Indices Surds Standard Form
	2. <u>Algebra</u> Indices Expanding and factorising single brackets Equations and formulae Sequences
Michaelmas 2	**3. <u>Interpreting and Representing Data</u>** Scatter Graphs Pie Charts Two way tables Averages
	4. <u>Fractions Ratio and Percentage</u> Operations with mixed numbers Solve problems with ratio Convert currencies Calculate using direct proportion Calculate percentage increase/decrease Convert FDP
Lent 1	**5. <u>Angles and trigonometry</u>** Interior and Exterior angles Pythagoras Right angled trigonometry Parallel lines
Lent 2	**6. <u>Graphs</u>** Linear graphs and equations Real life Graphs Quadratic graphs Line segments Cubic and reciprocal graphs

Trinity 1	**7. <u>Area and Volume</u>** Perimeter Units and accuracy Volume Surface area Circles and sectors Cylinders and spheres Pyramids and cones
	8. <u>Transformations and Constructions</u> Plans and elevations Rotation, reflection, translation and enlargement Combined transformations Bearings and scale drawings Constructions Loci
Trinity 2	**9. <u>Equations and Inequalities</u>** Solving quadratic equations Completing the square Solving linear simultaneous equations Solving linear and quadratic simultaneous equations Linear inequalities
	<u>Revision of Units 1-9</u>