



<p>HALF TERM 4: STUDENTS MUST KNOW:</p> <p>Transformations Rotation, Reflection, Enlargement (positive scale factors only), Translations (including mixed)</p> <p>Probability Probability of events from a list, Calculate missing probabilities, Carry out experiments and record results, construct & interpret probability trees (independent events only)</p> <p>Triangles and Congruency Constructions and Loci, Pythagoras' Theorem (for all sides)</p> <p>HOW THIS WILL BE ASSESSED: Low stakes knowledge tests as starters End of unit assessments at the end of each half term Edited GCSE past papers</p>	<p>HALF TERM 5: STUDENTS MUST KNOW:</p> <p>Interpreting Data Stem & Leaf (draw & interpret), Collect & record grouped data, Calculate averages (from a list, frequency table & grouped data), Draw a bar chart, draw a pie chart</p> <p>Circles Label parts of a circle, Area & Circumference, Compound shapes (area & perimeter)</p> <p>Proportion 2 Direct and inverse proportion (including using the formula), Compound interest & decay</p> <p>HOW THIS WILL BE ASSESSED: Low stakes knowledge tests as starters End of unit assessments at the end of each half term Edited GCSE past papers</p>	<p>HALF TERM 6: STUDENTS MUST KNOW:</p> <p>Equations & Inequalities Forming and solving equations (up to & including unknowns on both sides), Solve linear inequalities (one variable), Represent inequalities on a number lines, Solve a quadratic equation graphically</p> <p>Plotting and Sketching Graphs Plot linear Graphs, Use conversion graphs, Equation of a line (two points, one point & gradient), Plot quadratic graphs</p> <p>HOW THIS WILL BE ASSESSED: Low stakes knowledge tests as starters End of unit assessments at the end of each half term Edited GCSE past papers</p>
<p>Home learning set will consist of a combination of: Weekly Sparx tasks (due each Wednesday) and additional worksheets where appropriate</p>		