Subject: Mathematics	Year Group: 9
Autumn 2 – Curriculum Plan	**Homework Plan**
Foundation: **Unit 4: Statistical Diagrams** • Statistical representation • Statistical measures • Scatter diagrams **Unit 5: Algebraic Expressions** • Basic algebra • Factorisation • Quadratic expansion • Expanding squares • More than two binomials • Quadratic factorisation • Factorising $ax^2 + bx + c$ **Unit 6: Number and Sequences** • Number sequences • Finding the nth term of a linear sequence • Special sequences • The nth term of a quadratic sequence • Finding the nth term for quadratic sequences **Higher:** **Unit 4: Algebraic Manipulation** • Basic algebra • Factorisation • Quadratic expansion • Expanding squares • More than two binomials • Quadratic factorisation • Factorising $ax^2 + bx + c$ **Unit 5: Sequences** • Number sequences • Finding the nth term of a linear sequence • Special sequences • The nth term of a quadratic sequence • Finding the nth term for quadratic sequences **Unit 6: Angles** • Triangles • Angles in a polygon • Regular polygons • Angles in parallel lines • Special quadrilaterals • Scale drawings and bearings	Embed Learn to apply skills gained in unit 4 to 6 in solving problem aiming for grade 6+
	Apply Design posters to explain and describe concepts and theories leant in lessons. Expand these to how we use them in everyday life.
	Challenge/Interleaving Exam questions discussed to test skills acquired in lessons(1 problem solving project per lessons) Solve money problems
	Improve/Go Green Based on the feedback you have received from your Unit 1-3 assessment, perform the following tasks: • Do you analysis on weaknesses • Redo questions that were not completed to gain full marks • Write revision notes with a green pen
Autumn 2 Assessment: Unit 1, 2 and 3	