Y11 Learning Journey. Subject: Maths (Mr O'Shea & Mr Uttley's class)

Exam Requirements: Your GCSE in maths is structured, and examined, in the following way:

Paper One:	Paper Two:	Paper Three:
Non-Calculator, 1.5 hours. Some topics are more likely to come up on non-calculator, but there is not list of topics specific to this paper.	Calculator, 1.5 hours. This is no specific list of topics for this paper; it could be anything that was not on paper 1	Calculator, 1.5 hours. This is no specific list of topics for this paper; it could be anything that was not on paper 1 or paper 2. After paper 2, we will make a list of likely topics for paper 3.

Overview of Term 1:

Week	The focus of your learning or revision this week will be mainly on the Grade 3 and Grade 4 topics – help videos and practice can be found here: Maths Genie • Learn GCSE Maths for Free)	Key assessment pieces or specific homework tasks (including deadlines of any coursework/NEAs)
1	Diagnostic assessment paper 1	In your 4th hour maths lesson (the one with a different teacher), you will be working on
2	Substitution, two-way tables Percentages	Collect like terms
3	Fractions, Estimating	Substitute numbers into formulae
4	Area and Circumference of circles	Describe and construct the 4 transformations
5	Ratio, error intervals	Plans and Elevations
6	Angles in parallel lines	Use primes, squares, cubes, roots, factors and multiples
7	Averages, Scatter graphs	Prime factorisation
8	Solving linear equations	Frequency trees
Half Term		
9	Expanding and factorising, Best buys	Probability of events and expected outcomes
10	Percentage change, compound interest/depreciation	Systematic listing, two-way tables, sample space diagrams
11	Averages from tables, Sequences	
12	**Assessment Week One**	
13	Area of compound shapes, Exchange rates	
14	Bearings, Forming and solving equations	
15	Indices, Speed and Density, Distance time graphs	