# Year 11 Curriculum Guide

Subject: **Mathematics**
Subject Leader: **Mr Mubeezi**

## Method of assessment
Class assessment
Homework tasks
Independent research
End of term test

## Overview

| | Autumn Term | | Spring Term | | Summer Term | |
|---|---|---|---|---|---|---|
| **1st Half** | <u>Foundation</u><br>Ratio and proportion and rates of change: Percentages and compound measures<br>Ratio and proportion and rates of change: Percentages and variation<br>Statistics: Representation and interpretation | <u>Higher</u><br>Probability: Combined Events<br>Geometry and measures: Properties of circles<br>Ratio, proportion and rates of change: Variation | <u>Foundation</u><br>Algebra: Number and sequences<br>Algebra: Number and sequences | <u>Higher</u><br>Algebra: Algebraic fractions and functions<br>Geometry and measures: Vector geometry<br>Trigonometry | <u>Foundation</u><br>Number: Powers and standard form<br>Algebra: Simultaneous equations and linear inequalities<br>Algebra: Non-linear graphs | <u>Higher</u><br>*Number recap*<br>*Algebra recap*<br>*Geometry recap* |
| **2nd Half** | <u>Foundation</u><br>Geometry and measures : Constructions and loci<br>Geometry and measures: Curved shapes and pyramids<br><br>Mock Exams and Revision | <u>Higher</u><br>Geometry and measures: Triangles<br>Algebra: Graphs<br>Revision for Mock Exam<br><br>*Mock exam review*<br>*Algebra recap – graphs* | <u>Foundation</u><br>Geometry and measures: Congruency and similarity<br>Probability: Combined events<br><br>Number: Powers and standard form | <u>Higher</u><br>Rates of change<br>Geometric proof and Reasoning<br>Algebraic proof and reasoning | <u>Foundation</u><br>Revision<br><br>June Examinations | <u>Higher</u><br>*Statistics and probability Recap*<br><br>*Revision and exam Preparation*<br><br>GCSE MATHEMATICS EXAM (TBC) |
| | **End of term test** | | **End of term test** | | **End of year test** | |

**Text Book/Reference/Resource guide:**

Collins Edexcel GCSE Maths 4th edition (Higher or Foundation) Book.
Mathwatch vle ( https://vle.mathswatch.co.uk/vle)  each student has own login details)
https://corbettmaths.com/
http://www.mathsgenie.co.uk/