

## Overview of Year 11 Maths Curriculum

In Year 11, pupils continue either the AQA modular GCSE mathematics course or start the Edexcel GCSE Statistics course. Both courses are divided into two tiers; Higher and Foundation.

The **AQA modular GCSE** consists of five modules, two of which are covered in year 11.

**Module 4** - Using and Applying Maths coursework

**Module 5** - Algebra

- Solving equations
- Transformations
- Congruence and similarity
- Circle theorem
- Trigonometry and Pythagoras
- Graphs
- Angles
- Properties of number

The **Edexcel GCSE Statistics course** consists of;

- Averages
- Population and Sampling
- Statistical diagrams
- Probability

Together with a piece of coursework.

Pupils are encouraged to build on their knowledge from KS3 and year 10, developing their mathematical thinking skills.

## Homework

This is set twice a week and is designed to support the work done during lessons. One piece will be a written homework the other be a learning homework. As it is school policy to set weekly homework, a detention will be issued if these are not handed in regularly.

## Examinations/Key assessments

**AQA Modular GCSE** - Assessment takes place in June in the form of modular examination. In addition a piece of coursework is also required in May. These will be marked externally.

**Edexcel GCSE Statistics**- Assessment takes place in June in the form of an examination. In addition a piece of coursework is required by April.

## How Parents can Help

- Check that homework is recorded in planners and that any work is completed to a good standard.
- Ensure that basic equipment is brought to each lesson. A pencil and ruler are the minimum requirements.
- Encourage the use of the Internet for homework completion and revision.
- Ensure pupils revise for exams.