



Key Stage 3 Maths Curriculum Plan

Main Aims:

The Maths curriculum encourages students to develop confidence in, and a positive attitude towards, mathematics and to recognise the importance of mathematics in their own lives and to society.

The curriculum should enable students to:

1. Develop fluent knowledge, skills and understanding of mathematical methods and concepts
2. Acquire, select and apply mathematical techniques to solve problems
3. Reason mathematically, make deductions and inferences and draw conclusions
4. Comprehend, interpret and communicate mathematical information in a variety of forms appropriate to the information and context.

The Maths curriculum enables students to be numerically confident and develop skills needed to manage personal finances in their future. The curriculum is resourced to ensure that students can experience both success and challenge and that they enjoy making progress. Each lesson is designed to help develop mathematical literacy skills - whether that be a focus on key words and instructions or making and justifying conclusions. We aim to foster an appreciation for the beauty of mathematics by using cultural references and applying the content to real life examples. The curriculum encourages students to be resilient and take responsibility, through extended practice of weak areas or problem solving activities.

Year 7

Autumn 1

1. Place Value
2. The four operations

Autumn 2

3. Perimeter, area and units
4. Angles and 2D shapes

Spring 1

5. Fractions
6. Fractions, decimals and percentages

Spring 2

7. Introduction to algebra
8. Coordinates, graphs and sequences



Whytrig Middle School

Summer 1	Summer 2
8. Coordinates, graphs and sequences continued 9. Order of operations 10. Ratio	11. Working with data
Year 8	
Autumn 1	Autumn 2
U1 Number U2 Area & Volume	U3 Statistics graphs and charts U4 Expressions & Equations
Spring 1	Spring 2
U5 Real life graphs U6 Decimals & Ratio	U7 Lines & Angles
Summer 1	Summer 2
U8 Calculating with fractions U9 Straight line graphs	U10 Percentages, decimals & fractions