

## Curriculum Overview

Swanlea Maths faculty has adopted the 'Mastery' approach to teach the new national Mathematics curriculum. Our structured Maths scheme of work is designed to enable students to 'Practise' and 'Consolidate' on key skills required for success in school Mathematics. Using a range of resources, we cover all the essential areas of the new national Mathematics curriculum. Our aim is to engage students in exciting activities that makes maths simpler and easy to understand. Students are equipped with key mathematical ideas and taught to solve problems independently.

Autumn	Spring	Summer
<ul style="list-style-type: none"><li>• 'Who am I' Statistics Project</li><li>• Place Value</li><li>• Rounding/Estimation</li><li>• Directed Numbers</li><li>• Mental Maths</li><li>• Written Calculation</li><li>• HCF/LCM</li><li>• Sequences</li><li>• Area/Perimeter</li><li>• Surface Area</li><li>• Volume</li><li>• FDP</li></ul>	<ul style="list-style-type: none"><li>• Scale Factors</li><li>• Scale Drawings</li><li>• Algebraic Notation</li><li>• Simplifying</li><li>• Expanding</li><li>• Substitution</li><li>• Writing Formula</li><li>• Coordinates/Mapping</li><li>• Linear Graphs</li><li>• Real Life Graphs</li><li>• Probability</li><li>• Relative Frequency</li></ul>	<ul style="list-style-type: none"><li>• Construct/Solve Equations</li><li>• Ratios</li><li>• % Change</li><li>• % Increase/Decrease</li><li>• Measures</li><li>• Construction</li><li>• Angle Facts</li><li>• Polygons</li><li>• Reflections</li><li>• Rotations</li><li>• Enlargement</li><li>• Translations</li></ul>

## Homework & Assessments Overview

- Classroom assessment by teachers at the end of each unit of work
- Formal assessment: Termly Examinations; Paper 1 (Non calculator) and Paper 2 (Calculator)
- MyMaths homework assessment in addition to other selected personalised h/w

## Useful Resources

- BBC KS3 Bitesize
- [www.mathswatchvle.com](http://www.mathswatchvle.com)
- [www.mymaths.co.uk](http://www.mymaths.co.uk)

## Practical tips / activities for parents to support learning at home

- Monitoring child's use of MyMaths
- Use Maths Watch website to consolidate knowledge
- Listening to your child recite their times table by heart
- Use IT effectively to acquire and develop skills & reading books regularly to develop literacy