



St Benedict's Catholic School

*Developing Wisdom, Compassion and Resilience
through Prayer and Work*

Maths Department Curriculum Guide

Year 8

Curriculum

Autumn	Spring	Summer
<ul style="list-style-type: none">• Numbers and Sequences• Fractions, Decimals, Percentages• Expressions and Formula• Angles & constructions• Probability• Measures & mensuration	<ul style="list-style-type: none">• Equations & Formula• Place Value and Calculations• Sequences, Functions & Graphs• Transformations• Collecting, Organising & Representing data	<ul style="list-style-type: none">• Calculations• Equations, Functions & Graphs• Ratio and Proportion• Geometrical reasoning• Planning and processing data

Assessment & Homework

Homework will be set by both Maths teachers on a fortnightly basis so that on average students will be set 1 assignment per week. Details of assignments will be set on Arbor and some will be on Mymaths, which is an excellent online resource that we subscribe to. Login details are reset and shared with pupils at the start of each academic year. At times there will be two tasks to do on Mymaths but these can be very short and pupils should expect to spend roughly 30 minutes on the Maths homework they've be assigned.

Assessments are conducted half termly and details of topics and schedule are shared with pupils before the assessments. These generally last an hour, the duration of a lesson.

Resources

- *Mymaths has a wonderful library of powerpoint lessons, which are accompanied by assessments.*
- *OneNote has tabs with the lessons teachers deliver, the scheme of work and knowledge organisers.*

Extra and Super Curricular Opportunities

There are two lunchtime clubs that pupils can attend. These are the Rubik's and code breaking club as well as a Maths catch up club, where pupils can do some work or play maths games.

Our top students are given an opportunity to take part in the Junior Maths challenge, which offers them a good level of stretch and challenge.