St Benedict's Catholic School
Developing Wisdom, Compassion and Resilience through Prayer and Work
Ora et Labora

Maths Department Curriculum Guide

Year 10 Foundation

Curriculum

Autumn	Spring	Summer
1a. Whole Numbers	2c. Expressions and substitution	Revision & Exams
1b. Decimals	4a. Fractions	Financial capability, inc AER
1c. Indices, powers & roots	4b. Fractions, decimals & percentages	Using Excel
1d. Factors, multiples & primes	4c. Percentages	11a&b. Ratio and Proportion
6a. Angles, lines and symmetry	3b. Charts and graphs	7b. Averages
6a. Polygons and parallel lines	3c. Pie Charts	10. Transformations
6b. Polygons (Interior and exterior angles)	3d. Scatter graphs	
2a. Intro to algebra	5a. Linear equations	
2b. Expanding and factorising	5b. Inequalities	
3a. Tables, collecting, representing & interpreting data	8a. Perimeter and area	
	8b. 3D forms and volume	

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 students can attend. These are the Rubik's and code breaking club as well as a Maths catch up club, where students can do some work or play maths games.
Our top ability students are also offered an opportunity to do the UKMT Intermediate challenge as well as a team Maths feast against other schools.