

S1 Maths
Parental Support

$$1 \div 2 = 2$$

$$3 + 3 = 6$$

$$6 = 18$$

$$\begin{array}{r} 0 \\ + 3 \\ \hline 8 \end{array}$$

$$\begin{array}{r} + \\ \hline 4 \end{array}$$

$$+ 5 = 2$$

$$7 - 2 = 5$$

$$9 - 2$$

$$\begin{array}{r} 10 \\ + 5 \\ \hline 15 \end{array}$$



Staff

- Mr R Henderson (PT)
- Mr C Ryan
- Mrs H Miller
- Mr A Moghul
- Miss F Ahmed
- Mrs H Taloub
- Mr A Conacher
- Mr P Kennedy
- Mrs S Miller



S1 Course Outline

BROAD GENERAL EDUCATION

MATHEMATICS

S1 COURSE OUTLINE by Benchmarks

2020-2021



S1 TOPICS				
BLOCK 1	BLOCK 2	BLOCK 3	BLOCK 4	BLOCK 5
WHOLE NUMBERS 	INTEGERS & COORDINATES 	FRACTIONS, DECIMAL & PERCENTAGES 	ANGLES (1) 	RATIO & PROPORTION
DECIMALS 	SPECIAL NUMBERS 	MONEY 	PROPERTIES OF 2D SHAPES AND 3D OBJECTS 	TIME & DST
BIDMAS & POWERS AND ROOTS 	ALGEBRA (1) 	SYMMETRY & TRANSFORMATION 	PERIMETER & AREA 	GRAPHS, CHARTS & TABLES
	EQUATIONS & INEQUALITIES (1) 			MATHEMATICS PROJECT
Block 1 Assessment	Block 2 Assessment	Block 3 Assessment	Block 4 Assessment	Block 5 Assessment

Orange = 2nd Level

Green = 3rd Level

Purple = 4th Level



Levels

- The majority of our S1 pupils will have been working through 2nd or 3rd Level in P7 with some extending to 4th Level with certain topics.
- As part of our positive presentation the majority of pupils will be in Sets 1 or 2 working through 3rd and 4th Level.



Sets 1 & 2 – 3rd and 4th Level

- Most pupils are progressing well through 3rd level and are beginning to make progress in 4th level.
- Pupils in these classes should progress onto National 5 in Senior Phase.



Set 3 – 3rd Level with elements of 4th Level

- Pupils will spend more time consolidating their knowledge of 3rd Level before extending into 4th Level as we aim to stretch every pupil.
- Pupils in these classes should progress onto either National 5 or National 4 in Senior Phase depending on individual progression.



Set 4 - 2nd Level and 3rd with support

- Pupils are supported to consolidate 1st/2nd level, and are introduced to 3rd level outcomes.
- Emphasis on filling gaps and developing key numerical skills to help build their confidence in maths.
- These sections are smaller to allow for more 1:1 support.
- There may also be PSA support in class, and we will be working through some Numeracy Recovery strategies.
- Pupils in these classes should progress onto National 3 or National 4 in Senior Phase.



Expectations

- Be prepared for lessons with appropriate materials
- Arrive to class on time
- Work to the best of their ability
- Engage in lessons and follow teacher instructions
- Take responsibility for homework tasks and ensure they are completed on time
- Seek assistance when unsure either online or in class
- Be respectful of others
- Contribute to positive classroom ethos
- Adhere to departmental Covid-19 measures.



Homework

Homework is regularly issued across the department:

- Nightly tasks to complete (15 -20mins)
- End of Chapter Formal Ink Exercises (30-45mins)

Resources and materials are posted on:

- Satchel One
- Microsoft Teams



Mini Assessments

- Classes will be given a mini assessment every fortnight.
- These consist of questions from previously covered work to assist students with their retrieval skills.
- Pupils can then identify areas of strength but more importantly areas requiring further development in preparation for block assessments.



Numeracy Support

NUMERACY
NINJAS

Numeracy Ninjas:

- Consisting of 30 questions across 3 areas:
 - Mental Strategies
 - Timetables
 - Key Skills

SumDog:



- Games/Activities that are linked to pupils levels as well as the experiences and outcomes of the BGE course.



Support at Home

- We recommend regular small amount of revision of per week (4 x 15mins).
- If your son/daughter is struggling then please do not fall out with them but encourage them to ask their teacher.



Rigour Maths

- This is a website we recommend that consists of video lessons, self marking quizzes and exercises.
- There is a £30 charge for a personal subscription however we as a department have subscribed so if you need any resources then just ask.



Useful Websites

- www.mathsrevision.com
- <https://www.national5maths.co.uk/s1-s2-courses/>
- <http://www.holycross.s-lanark.sch.uk/subjects/mathematics/s123-maths/level-3-maths/>
- <https://www.larkhall.s-lanark.sch.uk/Curriculum/S1-Maths/>
- <http://www.sptamaths.co.uk/>
- <https://www.edubuzz.org/rosshighmaths/bge/level-3-homework/>

