


FURTHER GO

English, Maths and
Foundation Learning




Barnet
Southgate
College
HeadStart

GCSE MATHS

Barnet and Southgate college

SEPTEMBER 2020



CONTENTS

1. New GCSE Maths (9-1)
2. The Course
3. Examination
4. Entrance to the course
5. Summary



Contents

- ◆ There is roughly a third more content required for GCSE Maths - 'big fat maths'.
- ◆ A lot of contents have moved from Higher Tier to Foundation Tier as well as from A-Level to Higher Tier. There has also been the introduction of some 'new' topics.
- ◆ Financial education has been reinforced with a focus on solving problem involving percentage increases and decreases, simple interest and repeated growth.
- ◆ Increased requirements for algebra, geometry & measures and ratio, proportion & rates of change. (Introduction to calculus)



NEW GCSE GRADE

Grading new GSCEs from 2017

Old grades	New grades
A*	9
A	8
B	7
C	6
	5 STRONG PASS
	4 STANDARD PASS
D	3
E	2
F	1
G	1
U	U

The Weightings of each Content Area as set by Ofqual at each Tier

	Foundation tier	Higher tier
◇ Number	25%	15%
Algebra	20%	30%
Ratio, proportion and rates	25%	20%
Geometry and measures	15%	20%
Probability & Statistics	15%	15%



2. The Course and resources



◊ BKSB

◊ MYMATHS

◊ MATHSWATCH



3. Examination



- ◆ The total time for the examinations has increased from 3 hours 30 minutes to 4 hours 30 minutes
- ◆ All exams will be taken at the end of the course
- ◆ No early entry option available
- ◆ There are fewer marks at the lower grades and more marks at the higher grades at both Foundation & Higher Tier
- ◆ Students will be required to remember more formulae
- ◆ More emphasis on problem solving



Common questions between tiers: Grades 4 and 5 are the overlap grades between Foundation and Higher tiers, so common questions targeted at these grades will appear in the respective papers for each tier.

Foundation (grades 1-5)

Paper 1 Non-calculator

33.3% weighting



Paper 2 Calculator

33.3% weighting



Paper 3 Calculator

33.3% weighting



Higher (grades 4-9)

Paper 1 Non-calculator

33.3% weighting



Paper 2 Calculator

33.3% weighting



Paper 3 Calculator

33.3% weighting



4. Entrance To the course

Assessment is by an online multiple choice test, this will be on topics such as averages, area and perimeter, ratio, percentages, negative numbers, powers and basic algebra.

You will only be able to sit this once and so might like to look at some maths websites before taking the assessment. If you do not achieve the grade to do GCSE maths we will offer you other courses that may help you to join the course the following year.

Some websites you might find helpful are:

BBC Bitesize, On Maths, Khan academy, Dr Frost, Go Maths, Maths Genie and of course just putting in a topic will bring up many helpful you tube clips..



5. SUMMARY



◆ Foundation Tier will assess grades 1 - 5

◆ Higher Tier will assess grades 4 - 9

◆ We will be using the Edexcel Syllabus



Practise Maths everyday ; that's the best way

