

# Montsaye ACADEMY

Excellence Resilience Aspiration

## Year 10 Curriculum and Information Evening

# Intro and Student Expectations



Presentation from Heads of core subjects (English, Maths and Science)

Presentation from Mrs Lopes providing a 'parental view'.

Heads of Department available to discuss revision resources, expectations and answer any questions.

LRC – Core subject talk and stands

Hall – Option subject stands

If it is to be, it is up to me.

# Homework – Go4Schools



Key Stage 4: Students in years 10 and 11 will be set homework weekly for Maths, English and Science and at least once a fortnight for all their other option subjects. As a guide, each piece of homework should take approximately 60 minutes to complete.



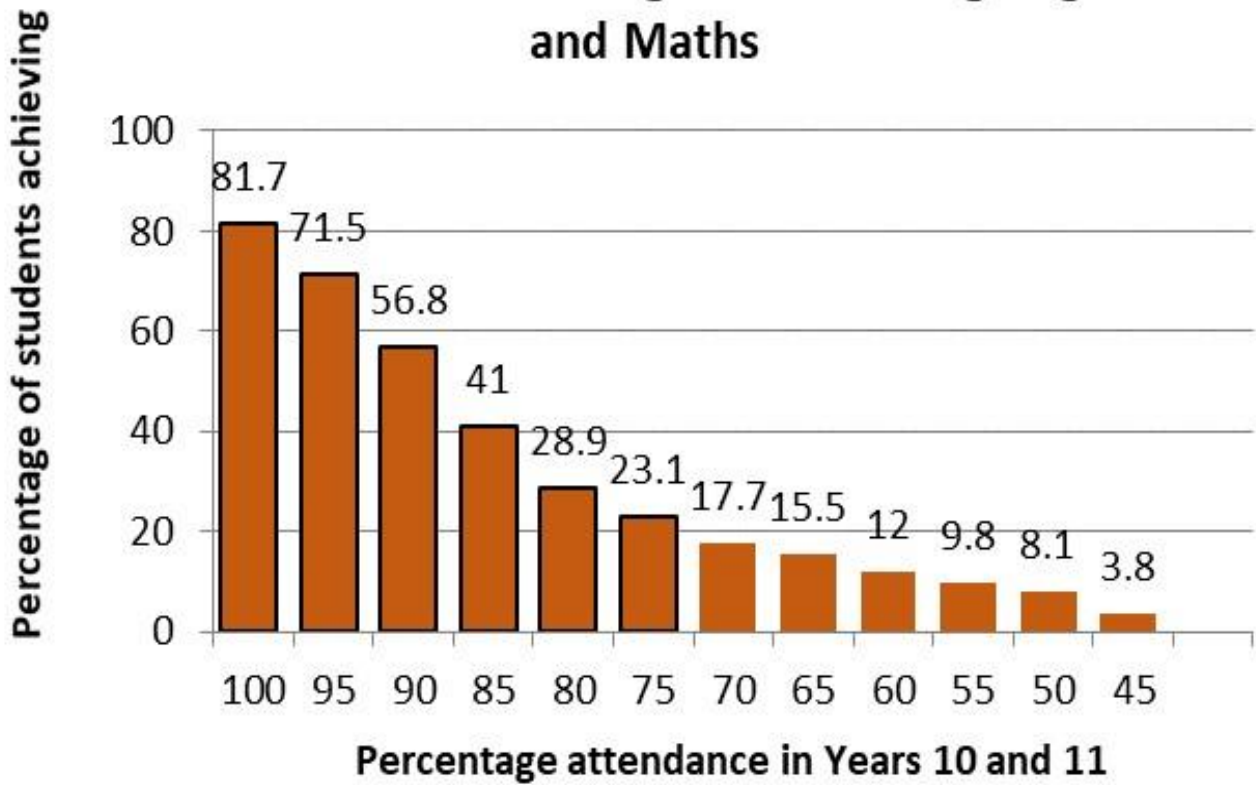
**4 SCHOOLS**

Homework Schedule						
Key Stage	Weekly Homework Activities			Fortnightly Homework Activities		
Years 10-11 60 minutes per task	Maths	English	Science	Option A Subject	Option B Subject	Option C Subject

Any queries please see Ms Bunker at the Geography stand

# Attendance is the key to success

Chances of 5+ GCSE 5-9 grades including English and Maths



Days off school add up to lost learning

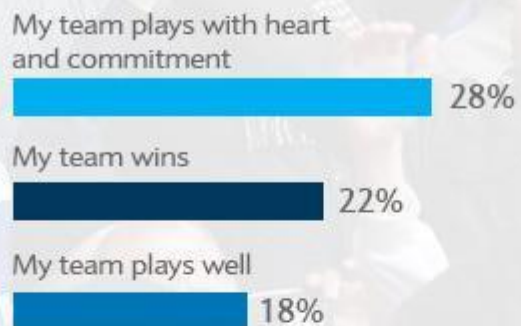
175 NON SCHOOL DAYS A YEAR 175 days to spend on family time, visits, holidays, shopping, household jobs and other appointments					
190 SCHOOL DAYS IN EACH YEAR <small>190 days for your child's education</small>	10 days absence 180 Days of Education	19 days absence 171 Days of Education	29 days absence A term missed 161 Days of Education	38 days absence 152 Days of Education	47 days absence 143 Days of Education
100%	95%	90%	85%	80%	75%
<b>Good</b> Best chance of success. Gets your child off to a flying start	<b>Worrying</b> Less chance of success. Makes it harder to make progress		<b>Serious Concern</b> Not fair on your child. Court action!		

# Mrs Lopes

A parent view...

How to support your child throughout their GCSE Journey

### Most important thing for Premier League fans to see from their team



### Top reasons for support



### Noisiest home fans, voted for by fans of other teams



**77%**

of Premier League fans believe in the power of the 12th player

**54%**

of Premier League fans believe that a win can make the rest of their weekend great

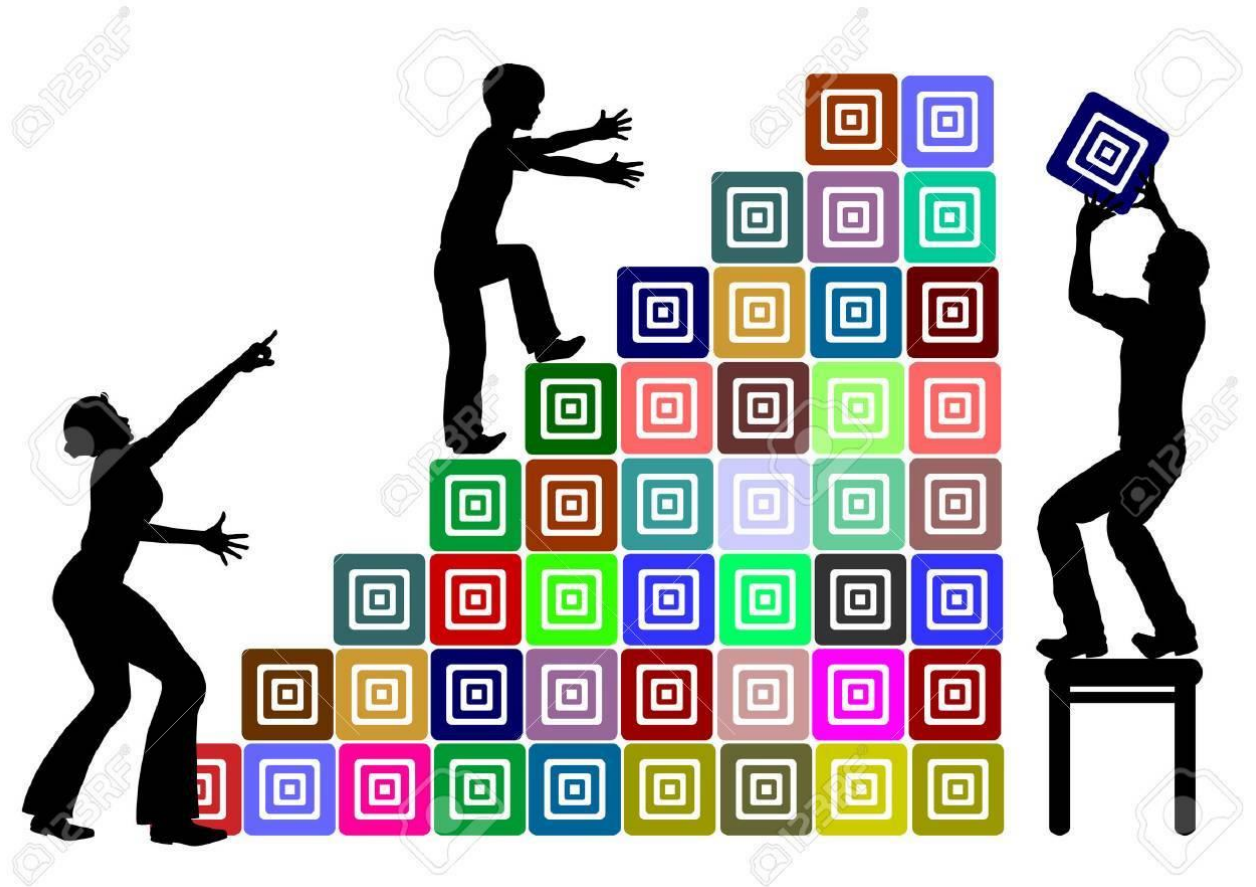
**61%**

Stoke City and Huddersfield Town have the most home-grown support

# Support from home

## The 12<sup>th</sup> player

- Routines and habits
- Nurture
- Discipline
- Sharing the information overload





Your child

# What do you need to know?

## How to help in a practical way

- Listen
- Ask
- Test
- Converse
- Relax
- Ease up
- Be aware
- Distract

Create a space where they can work.

Give them time to work

Mock exams  
6/1, 22/6

Parents evening  
11/12

Trips

19th August  
2021

ERA days

Exam techniques



The amount of work

Memorising information

What are the challenges?

Range of subjects

Mental health and wellbeing

What the key terms and jargon mean

Exam boards



Apps, websites, videos etc

Language about grades

Exam format





# What are the key terms and jargon?



- Exam boards
- Exam format
- Apps, revision etc
- Grading language



Google search results for "AQA English past paper Romeo and Juliet".

Search results include:

- AQA English Literature - Paper 1 - Mock Romeo and Juliet ...
- GCSE English Literature. 8702/1. Paper 1 Shakespeare and the 19th-century novel.
- GCSE | English Literature | Assessment resources - AQA
- Romeo and Juliet: Past Paper Questions | BBAEnglish



# What are the key terms and jargon?



## -Grading language

### - Montsaye terms

- **Target grade** - what students are aiming for in May/June 2021
- **Current grade** - what students are currently working on. Usually based on a mock exam or exam question, but may be an accumulation of results in class.
- **Predicted/projected grade** - based on current performance, this is the grade we believe your child is likely to get in the 2021 exams.

## GRADES 1 - 9: What does it mean?

9	→	A**
8	→	A*
7	→	A
6	→	B+/B
5	→	B-/C+
4	→	C-/C
3	→	D
2	→	E
1	→	F/G
0	→	U



# Advice from teachers

- To check that they do their homework!! (and do not take their word for it!)
- To buy revision books
- To make sure that they have the correct equipment
- To regularly log onto G4S
- To practise the French speaking questions with their child.
- Exam boards & specifications – where to access practice papers
- Revision guides & work books
- **What have your children been doing at school**
- Can they explain what they've been learning?
- Can they recall key words?
- Are they making progress
- Just talk about science, geography, history etc  
**Any opportunities to discuss it everyday**  
**EG science** Safety in car, speed limits, healthy eating & cooking, formulations eg. Bubble bath, electrical safety & bills, solving problems and experimenting.
- To use Memrise APP every week

# English at Montsaye

## Aiming High in Year 10

## English Language:

**Paper 1** – Explorations in Creative Reading and Writing  
(unseen sources)

Section A: Reading one literature fiction text

Section B: Writing descriptive or narrative writing

Exam: 1 hour 45 minutes

80 marks

50% of GCSE

## English Language:

**Paper 2** – Writer’s Viewpoints and Perspectives (unseen sources)

Section A: Reading one non-fiction text and one literary non-fiction text

Section B: Writing to present a viewpoint

Written exam: 1 hour 45 minutes

80 marks

50% of GCSE

## English Literature:

**Paper 1** – Shakespeare and the 19<sup>th</sup>-century novel (closed book exam)

Shakespeare play

The 19<sup>th</sup>-century novel

Written exam: 1 hour 45 minutes

64 marks

40% of GCSE

## English Literature:

### **Paper 2** – Modern texts and poetry (closed book exam)

Modern prose of drama texts

The poetry anthology

Unseen poetry

Written exam: 2 hours 15 minutes

96 marks

60% of GCSE



# What is happening over the next two years?



<p><b><u>Term 1</u></b></p> <p>Language Paper 1</p> <p><i>Library lessons to read A Christmas Carol</i></p>	<p><b><u>Term 3</u></b></p> <p>Language Paper 2</p> <p><i>Library lessons to read Romeo and Juliet</i></p>	<p><b><u>Term 5</u></b></p> <p>Literature Paper 2</p> <p><i>An Inspector Calls</i></p>
<p><b><u>Term 2</u></b></p> <p>Literature Paper 1</p> <p><i>A Christmas Carol</i></p>	<p><b><u>Term 4</u></b></p> <p>Literature Paper 1</p> <p><i>Romeo and Juliet</i></p>	<p><b><u>Term 6</u></b></p> <p>Literature Paper 2</p> <p><i>Poetry anthology/unseen poetry</i></p>

# How can you help?



**Partner with us**

...

**Attendance**

...

**Study Buddy**

# What students can do?



**Get revising now!**

...

**Attend extra revision/study sessions**

...

**Communicate with us**

# Combined Science (Triology)

or

# Biology, Chemistry, Physics

# Overview of Grades

- **Combined Science** is 2 GCSEs. Students will achieve two consecutive grades on 99 – 11 scale eg. 66, 65,55 etc.
- **Single Scientists** will gain one grade each on the 9 – 1 scale for Biology, Chemistry and Physics

## **Trilogy Combined Science:**

Phoebe Jackson (99), Natalia O'Callaghan (99), Bethany Spencer (98), Josh Wiley (98),

Fab Huseyin (88), Evan Johnson-Charteris (88), Holly Cooper (88)

## **Biology, Chemistry & Physics**

Harry Thompson (999), Beth Mason (999),

Emma Coddington (998), Cameron Reynolds (888)

# Maximising success in Science

## The Content



- **Biology 1** Cell biology, Organisation, Infection and Response, Bioenergetics
- **Biology 2** Homeostasis, Inheritance, Variation and Evolution, Ecology
- **Chemistry 1** Atomic Structure and the Periodic Table, Bonding, Structure and Properties of Matter, Quantitative Chemistry, Chemical Changes, Energy Changes
- **Chemistry 2** Rate and Extent of Chemical Change, Organic Chemistry, Chemical Analysis, Chemical Analysis, Chemistry of the Atmosphere, Using Resources
- **Physics 1** Energy, Electricity, Particle Model of Matter, Atomic Structure
- **Physics 2** Forces, Waves, Magnetism and Electromagnetism

# Maximising success in Science Review



- **Regular short assessments to review content learned in year 9...**
- Differentiated: Foundation, Standard or Higher Paper
- Focus on key content
- Vocabulary and definitions
- Skills: Working Scientifically including Required practical experiments
- Numeracy
- Extended Writing
- **HW set on G4S**





# Maximising success in Science Preparation



**CGP Revision guides for AQA Science (£5.60), Biology, Chemistry and Physics (£2.85 each)**

Workbook - Science (£5.60) & Single Sciences (£2.85 each) with answers (£1) to be used during the course.

## **Websites:**

[www.aqa.org.uk](http://www.aqa.org.uk), BBC Bitesize, GCSE pod, SAM learning, YouTube (Free Science Lessons) & Required Practicals, [www.senecalearning.com](http://www.senecalearning.com)

**Other Texts:** CGP Essential Maths Skills, CGP 10 minute tests, AQA GCSE (9-1) Grade 5 or Grade 8/9 Booster Workbooks  
GCSE Specification

# Maximising success in Science Apparatus

Fully equipped pencil case with pens (including black & green), sharp pencils, ruler

**Casio Calculator:  
FX-83GTX or  
FX-85GTX**

**Available in the LRC  
£8**



# Maximising success in Science Support



- In school interventions sessions:
- Science Teachers on hand to support understanding & review

**Monday 3 – 4pm, odd weeks!**



# Maximising success in Science At Home

Just talk about science....

**What have your children been doing at school**

Can they explain the theory that they've been learning?

Can they recall key words?

Are they completing their HW?

Are they making progress eg. in BTTF assessments?

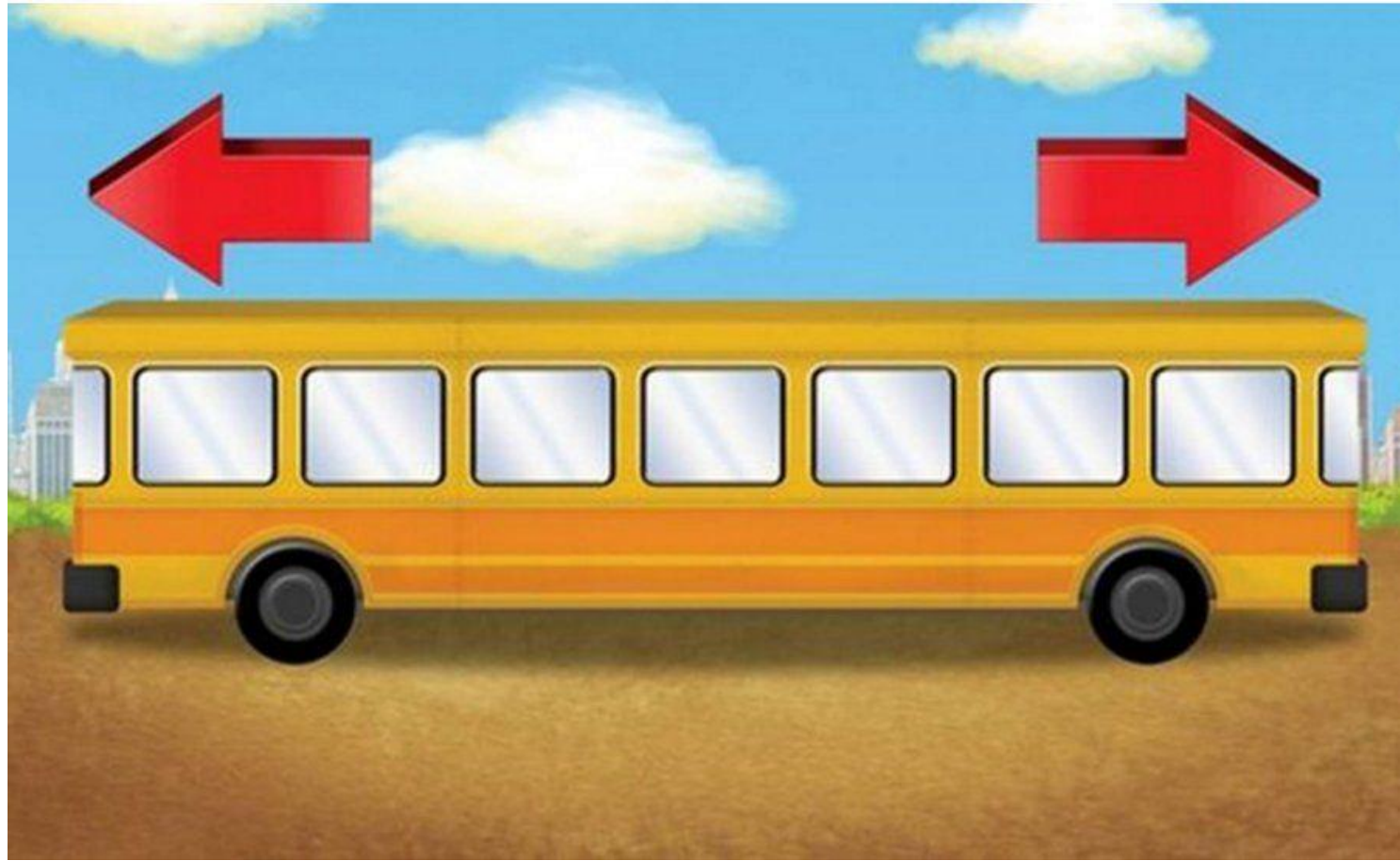
**Any opportunities to discuss everyday science** eg. Safety in car, speed limits, healthy eating & cooking, formulations eg. Bubble bath, electrical safety & bills, solving problems and experimenting.

# Maths

Mr M. Smith

‘Students First’

# Which direction is the bus travelling?

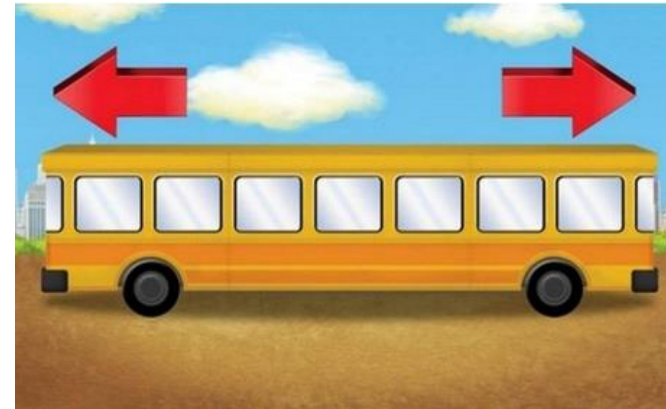


# Which direction is the bus travelling? *M*

Children can solve this brain teaser very quickly – but adults seem to really struggle. A puzzle usually given to children, is confusing a lot of people online.

Put simply – which direction is this yellow bus travelling? At first the question may seem totally impossible, with the bus not having a clear front or back. The puzzle appeared in National Geographic in their Brain Games TV Series – with the company claiming 80 per cent of children under 10 asked, got the answer instantly.

Adults meanwhile took a lot longer or were unable to guess the answer at all. University College of London research suggests this is because children and adults make judgements differently. Children use the first visual clue that pops into their head – meaning they often get things wrong but answer faster, while adults opt for different kinds of visual information as well as sensory clues.



# This Evening

- Introduction to GCSE format and grades
- Where are year 10 currently?
- What we will be doing?
- How can you help?
- What can the students do?
- Resources

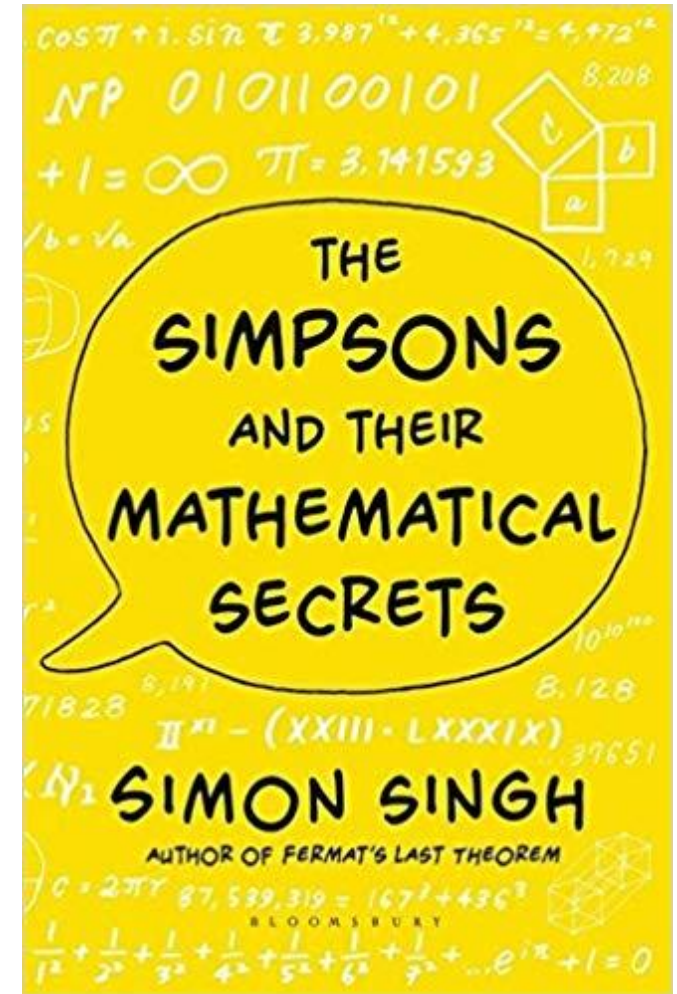


# New GCSE

- It is tougher than 3 years ago!
- More content in both Foundation and Higher tiers than 3 years ago.
  - Roughly a third more content
  - Content moved down from higher to foundation
  - Problem solving, financial style questions and multi choice.

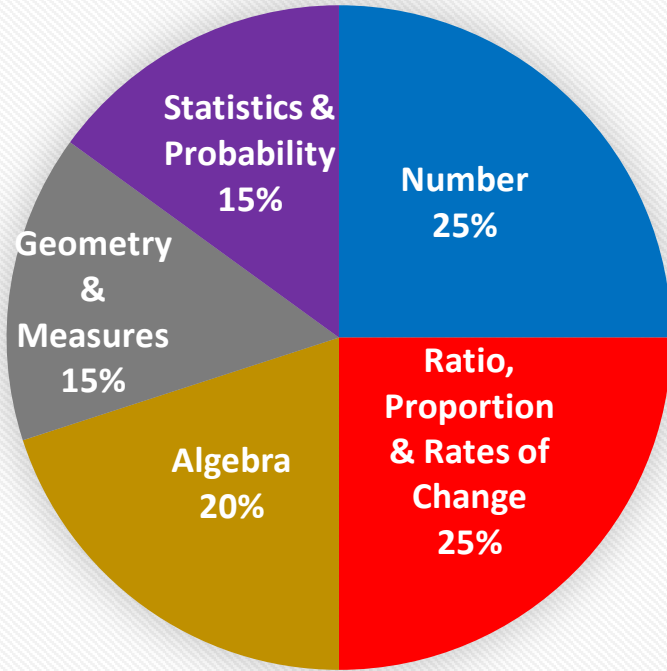
# Examination

- The total time for the examinations is 4 hours 30 minutes over 3 papers
- All exams will be sat at the end of the course
- The same topics can appear on all three assessments
- There are fewer marks at the lower grades and more marks at the higher grades at both Foundation & Higher tier
- Pupils will be required to remember more formulae
- More emphasis on problem solving

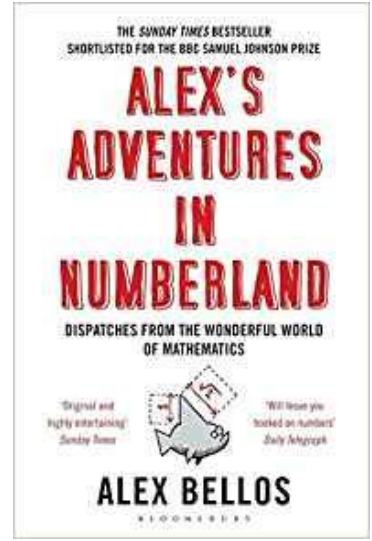
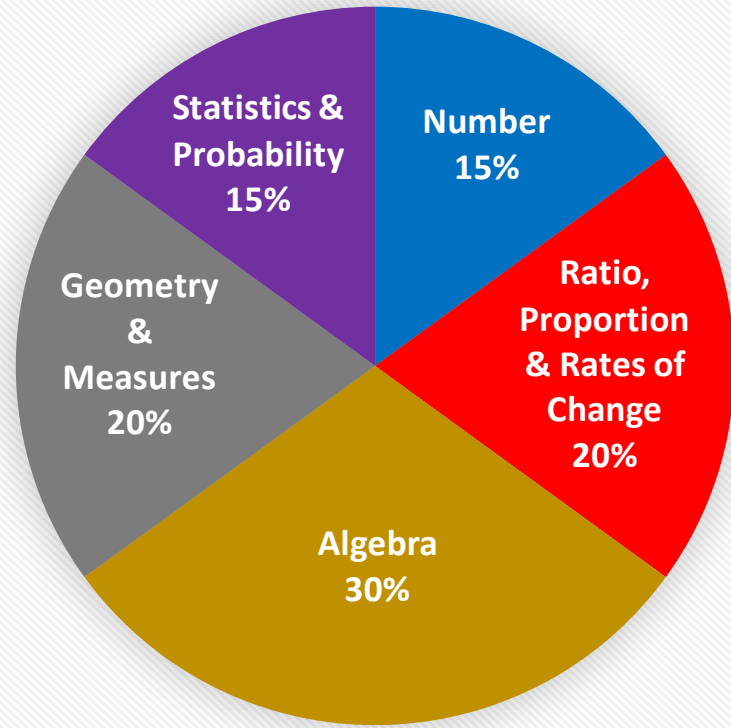


It is worth noting that there is a  $\pm 3\%$  tolerance for each domain area.

### Foundation Content



### Higher Content





AO1 is about using and **applying standard techniques**, similar to the current AO1

**50% foundation**  
**40% higher**

AO2 has a different focus. It's about **reasoning, interpreting and communicating** mathematically

**25% foundation**  
**30% higher**

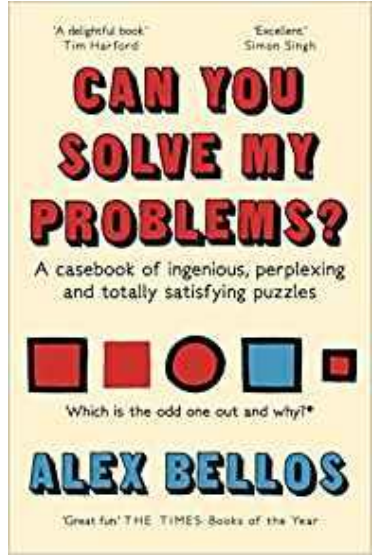
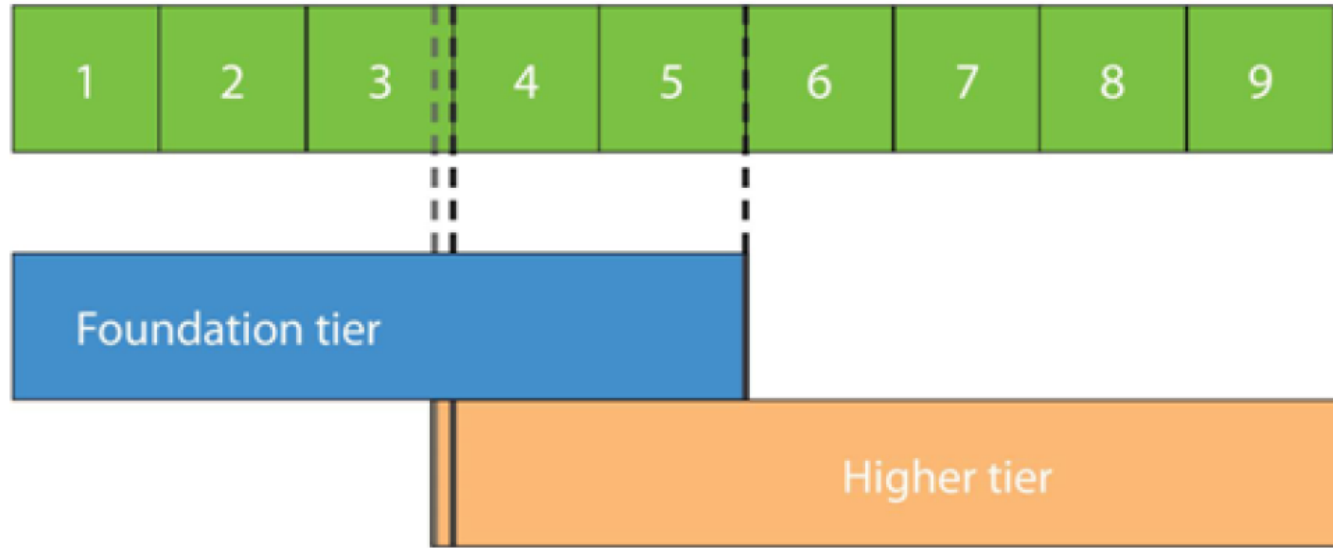
AO3 is about solving problems with a much greater focus on **solving non-routine problems** in mathematical and non-mathematical contexts.

**25% foundation**  
**30% higher**

In 2015 there is less AO1 at Higher and roughly the same at Foundation compared to 2010.

Quality of written communication (QWC) is also now included as part of AO2.

Paper 1 Non-calculator	Paper 2 Calculator	Paper 3 Calculator
33.3% weighting	33.3% weighting	33.3% weighting
1 hour and 30 minutes 50 marks	1 hour and 30 minutes 50 marks	1 hour and 30 minutes 50 marks



# The Grades

## Higher Tier

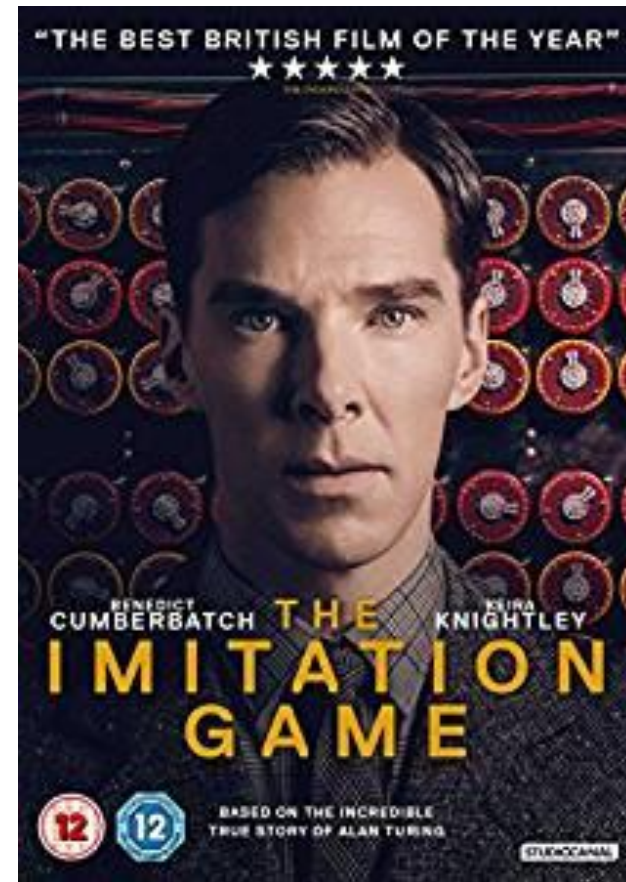
3	4	5	6	7	8	9
D	C	C/B	B	A	A*	A* +

## Foundation Tier

1	2	3	4	5
G/F	F/E	D	C	C/B

A grade 4 is a pass

A grade 5 is a good pass



# The Grades

Exam					Grade								
Board	Month	Year	Tier	Total	9	8	7	6	5	4	3	2	1
AQA	June	2017	F	240					156 65%	124 52%	91 38%	59 25%	27 11%
AQA	June	2017	H	240	189 79%	157 65%	125 52%	98 41%	72 30%	46 19%	33 14%		
AQA	November	2017	F	240					157 65%	127 53%	93 39%	59 25%	25 10%
AQA	November	2017	H	240	194 81%	159 66%	124 52%	96 40%	68 28%	40 17%	26 11%		
AQA	June	2018	F	240					161 67%	125 52%	92 38%	59 25%	27 11%
AQA	June	2018	H	240	201 84%	169 70%	138 57%	107 45%	77 32%	47 20%	32 13%		

# Current Position for Year 10



Students will finish content by Jan/Feb of year 11



# How can you help?

- Encourage regular revision
- Ensure homework is being completed
- Familiarise yourself with online resources
- Communicate with teachers of Year 10 Mathematics
- Download the brilliant app and encourage your child to do the same.

<https://brilliant.org>



# What can the students do?



- Complete homework
- Start revising – Little and Often
- Try in every Assessment
- Participate in every lesson
- Best behavior in ALL lessons
- Attend school ( $\geq 96\%$ )
- Talk to their teacher/tutor
- After school Tuesday & Thursday drop in session for revision

# What can the students do?



MRBARTONMATHS.COM

CORBETT MATHS



Welcome to > pupils > GCSE maths revision

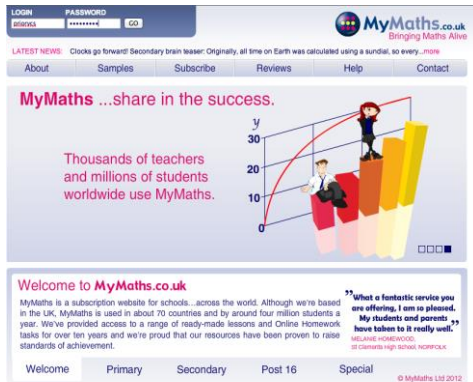
The resources on this page are designed to help you prepare independently for your GCSE, because the only way to succeed at maths is to do maths. Choose the resources that support your prepared style of revising the best. Design a structured revision programme around this that you can stick to, and watch your confidence and your marks rise and rise!

Happy revising - it will be worth it in the end!



March Test	5-a-day	Higher
Solve $\frac{21 - 2x}{3} = 5$		
W is directly proportional to A squared. When W = 50, A = 5. Write an equation linking W and A		
Work out the value of W when A = 3		Work out the value of A when W = 800
		Calculate the angle the wire makes with the ground
		Prove x = y

MYMATHS.CO.UK



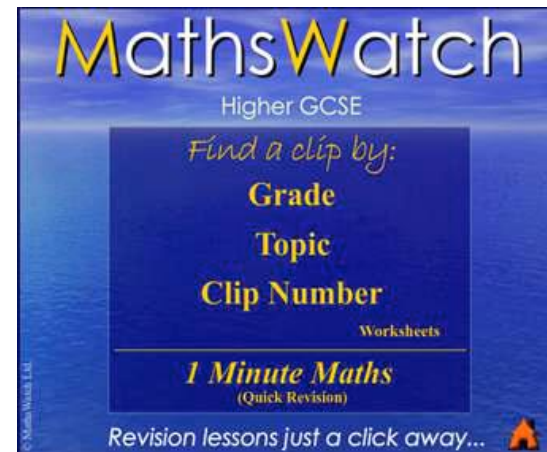
GCSE Past Papers and Solutions

GCSE Maths Takeaway!

Walking, Talking Topics

GCSE Notes and Examples

MATHS WATCH



## For Year 11

