Year 11
Year Leader and Tutor Evening
20th September 2016

The Year 11 Team

Mr Mullings – Deputy Headteacher

Mr J Davey – Assistant Headteacher

Mr D Brooks – Year 11 Leader

Mr G Lavington – Assistant Year 11 Leader

Tutors

Miss Fish – 11C

Mr Egembah & Ms Sanghani – 11F

Miss Heaphy – 11G

Mr David – 11H

Miss Kinyanjui – 11M

Ms Fox & Miss Morley – 11W

Helping students reach their potential

- Pastoral care & PSHE

- Expert teaching and wide range of resources

- Regular assessment & intervention

- Careers advice/ planning for the future

- Study skills sessions

- Mentoring

Aptly named the curve because…

- We want to help students and teachers "get ahead of the curve" - no surprises summer 2017

- We want to "avoid any curve balls" - no surprises in how students approach these papers

- We have (with the size of our partnership) a data set of results to create a secure "distribution curve"

- Finally, reformed GCSEs are a "steep learning curve" - for us all!

Vyners School

Striving for Excellence

Grading the New GCSEs in 2017

Ofqual

NEW GCSE GRADING STRUCTURE									
9	8	7	6	5	4	3	2	1	U

4 = C and above

- Broadly the same proportion of students will achieve a grade 4 and above as currently achieve a grade C and above.
- Broadly the same proportion of students will achieve a grade 7 and above as achieve an A and above.
- The bottom of grade 1 will be aligned with the bottom of grade G.

A*	A	B	C	D	E	F	G	U

CURRENT GCSE GRADING STRUCTURE

September 2014   Ofqual/14/5517

Above

Below

Some facts….

- 1122 Schools in England took part in the project

- 87,000 students sat both English papers

- 116,000 students sat all three Maths papers

- AQA English – 52% achieved grades 9-5 (9-4 = 69%)

- Maths – 54% achieved grades 9-5 (9-4 = 68%)

What it is……

- An indicator of where each student <u>currently</u> stands in the English and Maths distributions based on a large national sample

- A potential flight path for individual students

- An indicator of your current <u>strengths and weaknesses</u>

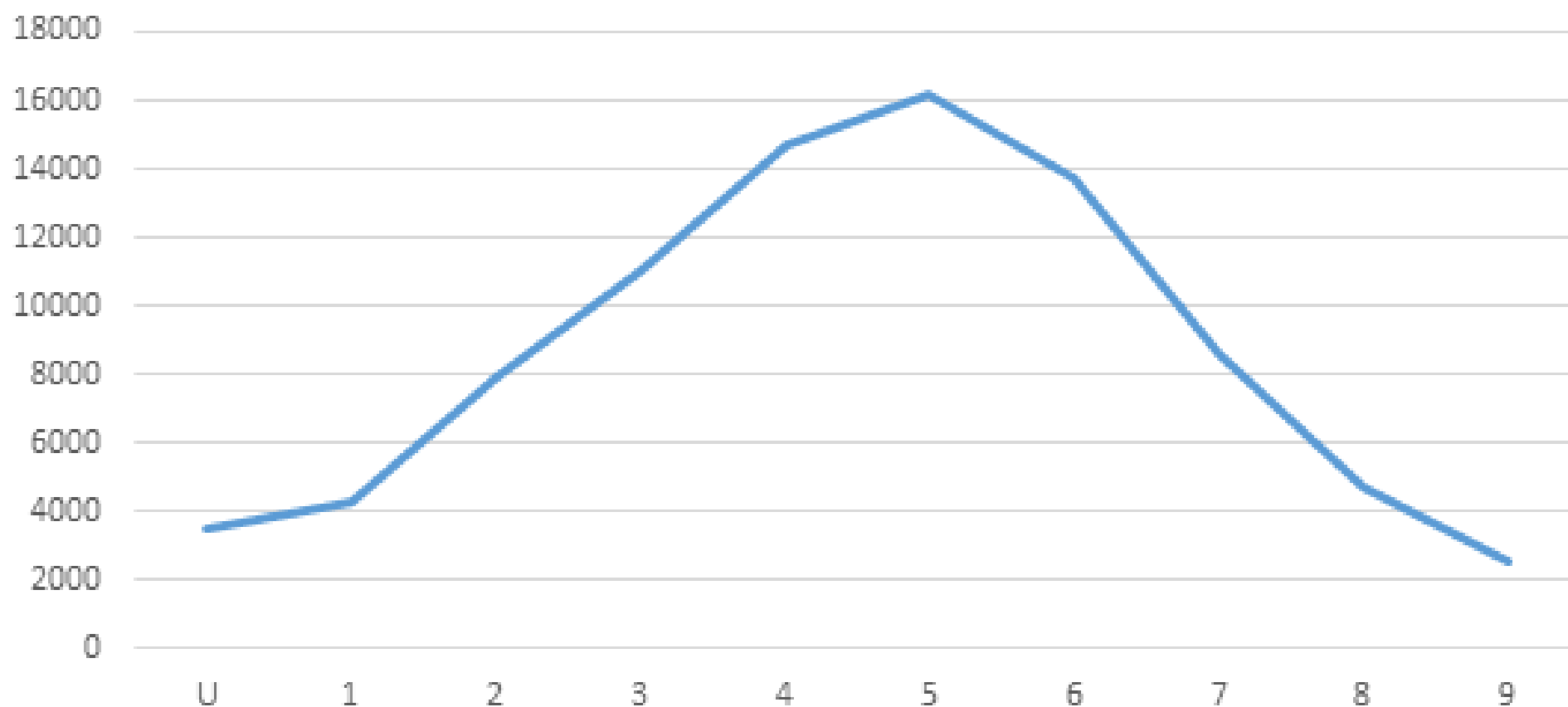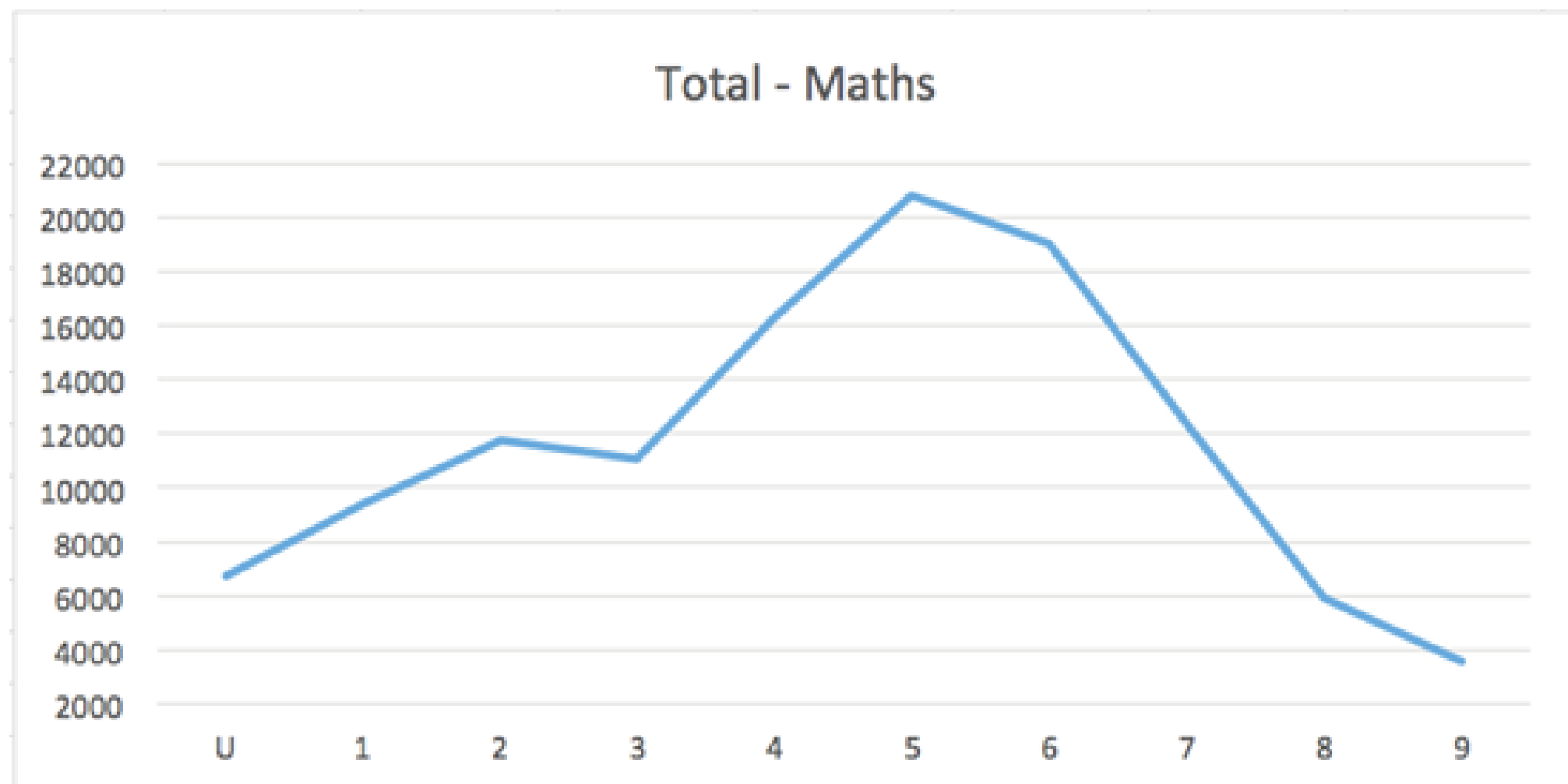- An indicator of the strengths and weaknesses of the cohort

What it is not…..

▪A prediction of final GCSE grade in the summer

▪A current attainment level

*We **KNOW** that students mature significantly during Year 11 and as whole cohort improves then the grade boundaries will go up*

PRE-PUBLIC EXAMINATION IN MATHS (GCSE STYLE)

Number	
Application of the iterative process	
Calculation of depreciation	
Calculation of reverse percentage	
Calculation of standard form	
Calculations involving direct proportion	
Calculations involving standard form	
Comparisons between ratio of lengths and volumes	
Completing the square calculation	
Convert recurring decimal to fraction in simplest form.	
Division of mixed fractions	
Indirect proportion calculations	
Knowledge of exact values	
Manipulation of indices	
Percentage decrease calculation	
Percentage decrease calculations	
Problem solving involving ratio calculations	
Problem solving involving ration calculation	
Problem solving involving the best buy and percentage	
Product of primes calculations	
Real life context of ratio and cost	
Simplification of indices	
Solving inequalities from number machines	
Understanding cube roots	
Understanding fraction and decimal equivalents	
Understanding the substitution of negative numbers and	
Using the calculator	
Vector calculations involving fractions of vectors	

Algebra	
Algebraic fractions involving quadratic factorisation	
Factorising quadratics into two brackets	
Forming and solving quadratic equations	
Identification of geometric sequence	
Identification of linear graphs	
Identification of parallel lines from line equations	
Identification of real life graphs	
Knowledge of exterior angle formula	
Problem solving involving linear sequences	
Quadratic graph identification	
Reflection of quadratic graphs from the formula	
Solving inequalities within unknowns on both sides	
Solving linear simultaneous equations from a graph	
Substitution of values into a quadratic	
Understanding algebraic manipulation involving indices	
Understanding solving a factorised equation	
Understanding square roots can have positive and/or	
Using the line of best fit	

Data Handling	
Application of histograms	
Calculation of median from a bar chart	
Calculation of probability from a table	
Construction of Venn diagrams	
Estimating the mean from a table with missing data	
Knowledge of cumulative frequency graphs	
Probability calculations	
Probability involving algebraic manipulation	
Probability tree construction	
Problem solving involving combination of possibilities	
Reading information from a SDT graph and interpretting.	
Understanding probability adds to 1	

Shape, Space & Measures	
Application of Pythagoras	
Application of the rearrangement of trigonometric ratios	
Application of the sine rule to find the angle	
Application of trigonometry	
Calculation and manipulation of volume of a cone and	
Calculation of a composite area	
Calculation of volume of a sphere, cylinder, and fractional	
Construction of perpendicular bisector and regions	
Conversion of units of area	
Equation of a circle AND related line graph	
Knowledge of angle properties in triangles	
Knowledge of angle properties - Alternate, corresponding,	
Knowledge of circle theorems	
Knowledge of the inverse	
Knowledge of trigonometry	
SDT and circumference of a circle calculations	
SDT calculations from a graph - distance/area calculations	
Trigonometric fraction and surd manipulation	
Understanding column vectors	
Understanding surface area and volume calculation	
Upper and lower calculations including volume of a cuboid	
Use of Pythagoras to calculate the length of a line	

Your current level	
Exam Score	110
Exam Grade	8
You needed to have scored 131 to get a grade 9	

The exam grade shown is what you obtained in this specific test amongst the other students in PiXL schools who took this test in June/July 2016. It cannot be used as a prediction of the grade you would get in your actual exam at your current level.

PRE-PUBLIC EXAMINATION IN MATHS (GCSE STYLE)

Number	
Application of the iterative process	🟧
Calculation of depreciation	🟩
Calculation of reverse percentage	🟧
Calculation of standard form	🟧
Calculations involving direct proportion	🟧
Calculations involving standard form	🟧
Comparisons between ratio of lengths and volumes	🟩
Completing the square calculation	🟧
Convert recurring decimal to fraction in simplest form.	🟩
Division of mixed fractions	🟩
Indirect proportion calculations	🟧
Knowledge of exact values	🟩
Manipulation of indices	🟨
Percentage decrease calculation	🟩
Percentage decrease calculations	🟩
Problem solving involving ratio calculations	🟧
Problem solving involving ration calculation	🟩
Problem solving involving the best buy and percentage	🟩
Product of primes calculations	🟩
Real life context of ratio and cost	🟩

Algebra	
Algebraic fractions involving quadratic factorisation	🟩
Factorising quadratics into two brackets	🟩
Forming and solving quadratic equations	🟩
Identification of geometric sequence	🟩
Identification of linear graphs	🟩
Identification of parallel lines from line equations	🟩
Identification of real life graphs	🟨
Knowledge of exterior angle formula	🟧
Problem solving involving linear sequences	🟩
Quadratic graph identification	🟩
Reflection of quadratic graphs from the formula	🟩
Solving inequalities within unknowns on both sides	🟩
Solving linear simultaneous equations from a graph	🟧
Substitution of values into a quadratic	🟨
Understanding algebraic manipulation involving indices	🟩
Understanding solving a factorised equation	🟧
Understanding square roots can have positive and/or	🟨
Using the line of best fit	🟩

Shape, Space & Measures	

Vyners School

PRE-PUBLIC EXAMINATION IN ENGLISH (GCSE STYLE)

Paper 1	
Question 1	
Question 2	
Question 3	
Question 4	
Question 5 AO5	
Question 5 AO6	

| Paper 2	
Question 1	
Question 2	
Question 3	
Question 4	
Question 5 AO5	
Question 5 AO6	

Your current level	
Exam Score	90
Exam Grade	7
You needed to have scored 99 to get a grade 8	

The exam grade shown is what you obtained in this specific test amongst the other students in PiXL schools who took this test in June/July 2016. It cannot be used as a prediction of the grade you would get in your actual exam at your current level.
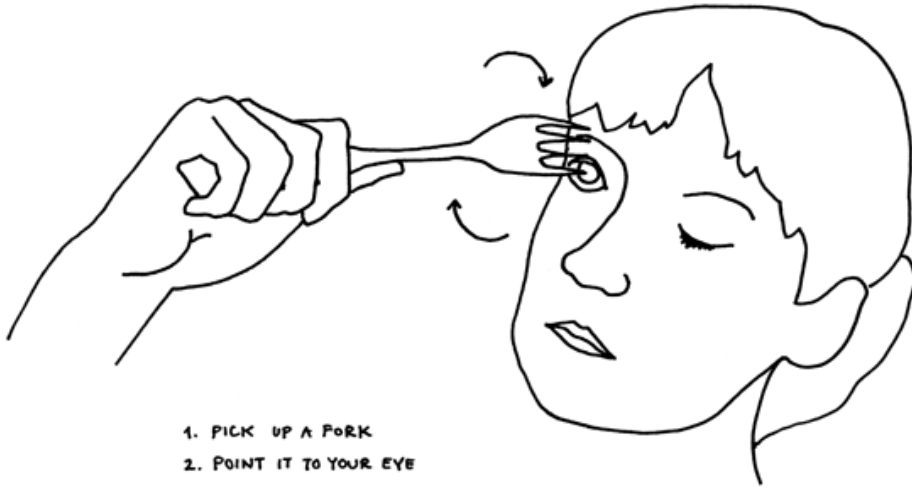
1. PICK UP A FORK
2. POINT IT TO YOUR EYE
3. STICK IT IN AND TURN CLOCKWISE
4. REPEAT UNTIL SUCCESS

https://www.youtube.com/watch?v=IocLkk3aYlk

What Kind of Mindset Do You Have?

Growth Mindset

Fixed Mindset

I can learn anything I want to.
When I'm frustrated, I persevere.
I want to challenge myself.
When I fail, I learn.
Tell me I try hard.
If you succeed, I'm inspired.
My effort and attitude determine everything.

I'm either good at it, or I'm not.
When I'm frustrated, I give up.
I don't like to be challenged.
When I fail, I'm no good.
Tell me I'm smart.
If you succeed, I feel threatened.
My abilities determine everything.

How you can support your child

- Communication

- Attendance

- Establishing clear routines/ expectations

- Active involvement in goal setting

- Encouragement and emotional support

- Active interest in students' school work

- Checking home learning and revision is taking place regularly

- Attend parents evenings and additional support evenings

10 Effective Study Habits for GCSEs

- Encourage balance - keep doing the things they love!
- Start early and create a study timetable (initially non-specific)
- Ensure optimum sleep, effective diet and hydration
- Develop a system of note taking and review
- Use folders and highlighters
- Prioritise Non-required work
- Use mind mapping to summarise information
- RAG the specification - focus on areas of development
- Apply knowledge using past papers
- Avoid procrastination by removing electronic devices (during study)

- Student views
- Natalie D'Cruz
- Josh Olszanski

ENGLISH MATTERS

KEY DETAILS TO BE AWARE OF FOR YOUR CHILD

AQA English Language (8700)

Paper 1: Explorations in Creative Reading and Writing	Paper 2: Writers' Viewpoints and Perspectives
Section A: Reading •one literature fiction text **Section B: Writing** •descriptive or narrative writing	**Section A: Reading** •one non-fiction text and one literary non-fiction text **Section B: Writing** •writing to present a viewpoint
Assessed •written exam: 1 hour 45 minutes •80 marks 50% of GCSE	**Assessed** •written exam: 1 hour 45 minutes •80 marks 50% of GCSE

AQA English Language (8700)

Spoken Language (AO7–AO9)
•presenting •responding to questions and feedback •use of Standard English
Assessed •teacher set throughout course •marked by teacher •separate endorsement (0% weighting of GCSE)

AQA English Literature (8702)

Paper 1: Shakespeare and the 19th-century novel
•Macbeth •The Strange Case of Dr. Jekyll and Mr. Hyde
How it's assessed •written exam: 1 hour 45 minutes •64 marks   40% of GCSE

Paper 2: Modern texts and poetry
•An Inspector Calls (current) •Power and Conflict poetry •Unseen Poetry
How it's assessed •written exam: 2 hour 15 minutes •96 marks   60% of GCSE

The picture so far…

Year 10

<u>English Language</u>

✓ Paper 1 – Reading and Writing

<u>English Literature</u>

✓ *The Strange Case of Dr. Jekyll and Mr. Hyde*

✓ *Macbeth*

✓ Poetry – *Power and Conflict*

Looking ahead…

English Language

- Paper 2 – Reading and Writing

Spoken Language Endorsement

English Literature

- *An Inspector Calls* (current focus)
- Unseen Poetry

All previous units of study from Year 10 will be revisited during lessons in Year 11.

What can be done at home?

- Re-read set texts
- Revise key themes
- Condense notes
- Timed essays

What will be happening at school?

- English teacher led revision sessions
- Thursday morning English revision during tutorial times
- Trial exams

MATHEMATICS MATTERS

KEY DETAILS TO BE AWARE OF FOR YOUR CHILD

Mathematics

Our exam board is AQA for maths

Paper 1: non-calculator
What's assessed
Content from any part of the specification may be assessed
How it's assessed
• written exam: 1 hour 30 minutes
• 80 marks
• non-calculator
• 33⅓% of the GCSE Mathematics assessment

+

Paper 2: calculator
What's assessed
Content from any part of the specification may be assessed
How it's assessed
• written exam: 1 hour 30 minutes
• 80 marks
• calculator allowed
• 33⅓% of the GCSE Mathematics assessment

+

Paper 3: calculator
What's assessed
Content from any part of the specification may be assessed
How it's assessed
• written exam: 1 hour 30 minutes
• 80 marks
• calculator allowed
• 33⅓% of the GCSE Mathematics assessment

Topic Area	Foundation Tier (%)	Higher Tier (%)
Number	25	15
Algebra	20	30
Ratio	25	20
Geometry	15	20
Probability and statistics (combined)	15	15

Resources to Use at Home

- Maths Watch (available on Student Share)
  - Student Share/Subjects/Year Groups/Year11/New Maths Watch F&H
- Exam Style Questions
  - http://justmaths.co.uk/2016/01/03/9-1-exam-questions-by-topic-both-tiers/
  - Kesh Maths
- Online Collins Textbook

Every maths teacher is holding a weekly revision/intervention session

KFD	11-1	Monday AM
CJL	11-2	Wednesday AM
SWT	11-3	Monday PM
HKV	11-4	Thursday PM
SSR	11-5	Monday PM
NEA	11-6	Thursday PM
AAE	11-7	Thursday PM

The year ahead - Key Dates

W/B 3 Oct	Progress Check data sent home
17 Oct	Parent workshop How to help your child revise for their GCSE's
21 Oct	Careers Day
8 Nov	Year 11 – 12 options fayre (P5-students only)
9 Nov	Year 11 – 12 Options Evening
28 Nov	Trial Exams begin
9 Dec	Deadline for options forms
W/B 16 Jan	Trial Exam results assembly, results sent home
19 Jan	Parents Evening
W/B 20 Feb	Progress check data available on parent portal
W/B 27 Mar	Progress check data available on parent portal
Mid March (TBC)	Trial exams English, Maths and Science
Easter Holidays	Revision Sessions
End of April (TBC)	Practical, Oral and Written exams start
May Half Term	Revision Sessions
End of June	Prom (date to be confirmed)

SAVE THE DATE

COMING UP

Beyond Year 11 – some considerations

- Start having conversations now

- Sixth Form, College or Apprenticeships?

- Average Points Score of 4.5 pts?

- English and/or Maths

- Specific subject requirements

- 3 or 4 A Levels?

- Vocational Subjects

- What do Universities want?

Facilitating Subjects

"Some advanced level subjects are more frequently required for entry to degree courses than others. We call these subjects 'facilitating' because choosing them at advanced level leaves open a wide range of options for university study."

Maths and Further Maths

English Literature

Biology

History

Chemistry

Geography

Physics

Modern and Classical Languages

http://www.russellgroup.ac.uk/for-students/school-and-college-in-the-uk/subject-choices-at-school-and-college/

APS Calculation

A*= 8.5 pts

A = 7.0 pts

B = 5.5 pts

C = 4.0 pts

D = 3.0 pts

E = 2.0 pts

F = 1.5 pts

G = 1.0 pts

Example 1

4 x C	4 x 4.0 = 16.0
4 x B	4 x 5.5 = 22.0
2 x Grade 7	2 x 7.0 = 14.0
1 x A*	1 x 8.5 = 8.5

Total 60.5/11 = 5.5 pts

Example 2

3 x D	3 x 3.0 = 9.0
3 x C	3 x 4.0 = 12.0
1 x B	1 x 5.5 = 5.5
3 x Grade 5	3 x 5.0 = 15.0

Total 41.5/10 = 4.2 pts

(Provisional)

APS	Pathway
6.0+	4 A Level Pathway
4.5-5.9	3 A Level Pathway
3.5-4.4	Vocational +1 Pathway

Support for next steps and career guidance

- Assemblies and tutorial sessions including information on Vyners Sixth Form and other options available after Year 11.

- Support with CV writing and Letters of application.

- Careers Day – subject specific talks and mock interviews.

- Meetings with Careers advisor-upon request.

Tutor Group	Room
11C	015
11F	016
11G	017
11H	018
11M	027
11W	028

Thank you for coming.

Please do not hesitate to contact us if you have any concerns about your child's progress.