

Year 10 Parents Information Evening

15th September 2016

2016 GCSE Results

- Our best for many years in terms of progress made!
- 73% achieved A*-C in English & maths
- Progress 8 score of +0.36
- One of the top performing schools in Suffolk!

What is Progress 8?

- You'll have seen and heard Progress 8 scores being publicised by schools following results day in August.
- This is the new headline measure for schools.
- It is based on the progress made by students in their best 8 subjects, divided into certain groups, called 'buckets'.

What is Progress 8?

- Bucket 1: Maths, English Language, English Literature
- Bucket 2: Sciences and humanities
- Bucket 3: Other qualifying subjects

What is Progress 8?

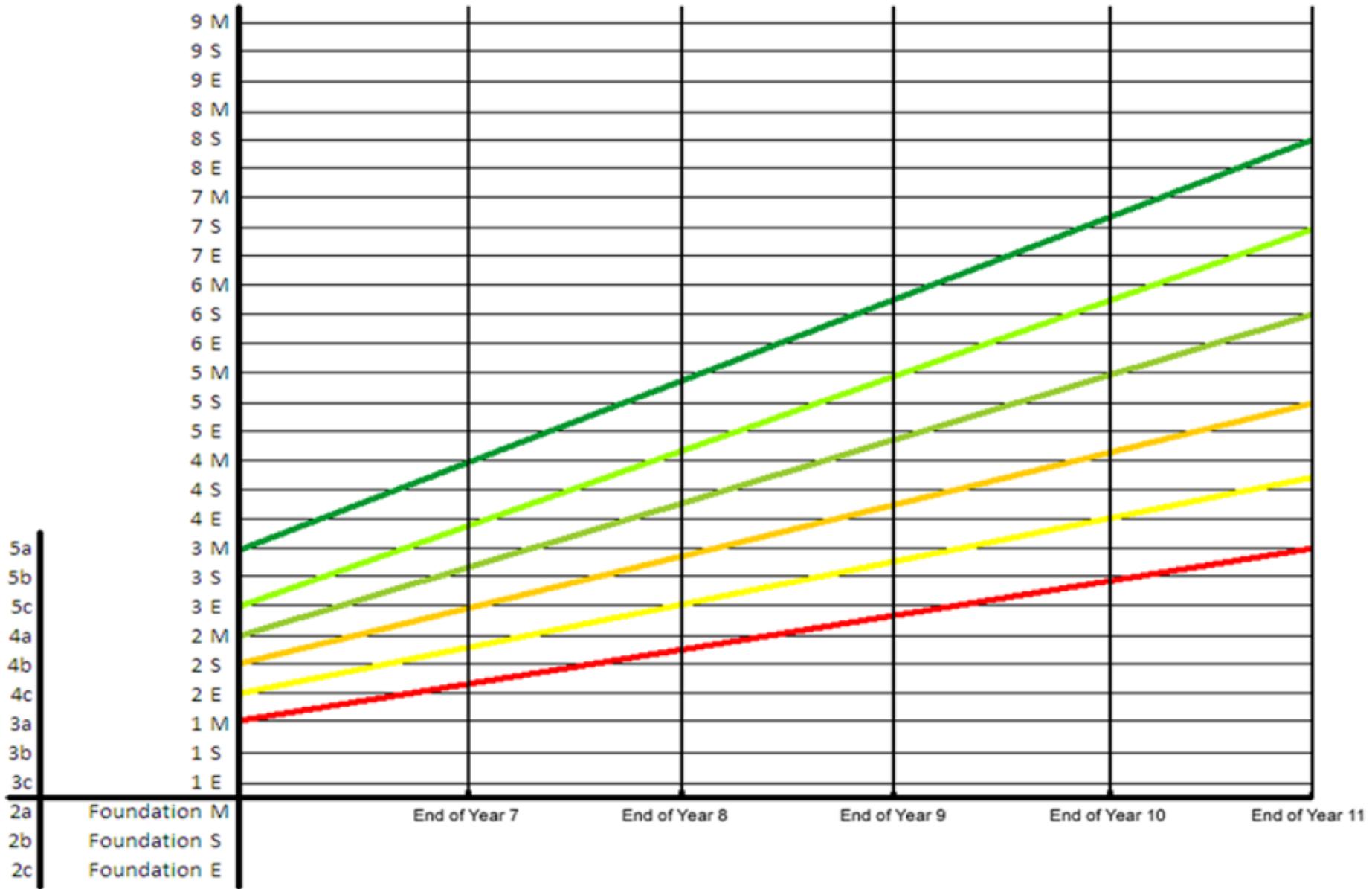
- Students have an Attainment 8 score calculated based on their KS2 achievement.
- Their grades are converted to points.
- This total is deducted from their predicted score.
- If the score is positive, they have made better than expected progress.
- If the score is negative, they have failed to make expected progress.

What is Progress 8?

- All students' scores are used to calculate the school's average.
- This becomes the Progress 8 score.
- We scored +0.36 (provisionally) which means our students overachieved by over a third of a grade, on average.
- This is a good score!
- Further info here
<https://www.youtube.com/watch?v=4IAEgFMUSDY>

How have we calculated your child's targets?

- Average of maths and English from KS2 produces Attainment 8 estimates.
- From here, we can plot a path to the grades needed to secure the estimation.



5a
5b
5c
4a
4b
4c
3a
3b
3c

Foundation M
Foundation S
Foundation E

End of Year 7 End of Year 8 End of Year 9 End of Year 10 End of Year 11

Why is Year 10 so important?

- GCSEs!
- Final exams at the end of the course (no modular assessments)
- Regular homework
- (Some controlled assessment)
- Chance for students to reinvent themselves or 'start afresh'.
- Opportunities for real success.

Key Dates

- Week commencing 21/11/16: Progress Report 1 sent home
- Week commencing 20/3/17: Work experience
- Week commencing 27/3/17: Written report sent home
- 20/4/17: Year 10 Parents Evening
- Week commencing 26/6/17: Progress Report 2 sent home
- Week commencing 3/7/17: Suffolk One taster day (tbc)

Understanding Go4Schools

Subject	GCSE Target...	End of Year...	Aspirational...	Current	Predicted...	Mark sheet summary
<input type="checkbox"/> Business Mr P Hart	C	C-	B	C+	-	<input type="checkbox"/> Current Grade - <input type="checkbox"/> Home Learning - <input type="checkbox"/> Unit 1 C- <input type="checkbox"/> Unit 2 - <input type="checkbox"/> Unit 4 B- <input type="checkbox"/> Current 9 Nov 15 C <input type="checkbox"/> Current: Spring 2016 C- <input type="checkbox"/> Current: Summer 2016 1 C- <input type="checkbox"/> Current: Summer 2016 2 C+
<input type="checkbox"/> Core Science Mr A Livingstone, Mr G...	C	C-	C	E	D	<input type="checkbox"/> C/A PENGUIN B- <input type="checkbox"/> CORE MOCK EASTER HIGHER U <input type="checkbox"/> CORE MOCK EASTER FOUNDATION - <input type="checkbox"/> Current Summer 2016 1 E <input type="checkbox"/> Current 1st Feb 2016 - <input type="checkbox"/> November 2015 current level D+ <input type="checkbox"/> Current May 2015 - <input type="checkbox"/> Dec15' Mock HIGHER E <input type="checkbox"/> Dec15' Mock FOUNDATION - <input type="checkbox"/> April 16 Mock Higher - <input type="checkbox"/> April 16 Mock Foundation - <input type="checkbox"/> Module tests B1 C1 P1 - <input type="checkbox"/> Module tests B2 C2 P2 - <input type="checkbox"/> Controlled Assessment C <input type="checkbox"/> Current November 2014 - <input type="checkbox"/> Dec 15 Higher Mock result - <input type="checkbox"/> Dec15 Foundation mock 2015 - <input type="checkbox"/> Current Spring 2016 - <input type="checkbox"/> Current Summer 2016 2 E
<input type="checkbox"/> English Mr K Newstead	4	4-	4	3	-	<input type="checkbox"/> Paper 2 Reading Section A 3- <input type="checkbox"/> Paper 2 Writing Section B Mock Oct 15 - <input type="checkbox"/> Current 9 Nov 15 3 <input type="checkbox"/> Paper 1 Section B Writing 3+ <input type="checkbox"/> Current: Spring 2016 3 <input type="checkbox"/> Current: Summer 2016 1 3 <input type="checkbox"/> Current: Summer 2016 2 - <input type="checkbox"/> Spoken Language Assessment - <input type="checkbox"/> PiXL Mock Paper 1 - <input type="checkbox"/> PiXL Mock Paper 2 -
<input type="checkbox"/> English Lit Mr K Newstead	4	4-	4	2+	-	<input type="checkbox"/> AQA Poetry Section A 2+ <input type="checkbox"/> Shakespeare - <input type="checkbox"/> Current: Spring 2016 - <input type="checkbox"/> Current: Summer 2016 1 - <input type="checkbox"/> Current: Summer 2016 2 -

How you can help support your child

- Subjects should be setting home learning frequently and it should either building on the work undertaken in class, or preparing the students for an upcoming assessment.
- The aim is that Holbrook students are motivated, independent learners who are able to manage their own time effectively.
- Revision is **key** to your child's success!
- Please ensure you are logging on to ShowMyHomework regularly to check for outstanding tasks.

How you can help support your child

- Research has shown clear and direct correlations between students who study at home and eventual outcomes.
- Check for home learning tasks; check for revision.
- There is always something to do!
- Read a book...read a (quality) newspaper!
- Support routines.
- Push attendance: if your child isn't in school, they're not learning.

Attendance

- There is a strong link between attendance and academic achievement.
- Even a slip to 95% attendance can lead to underperformance by a whole grade.
- Tutors and senior staff monitor attendance closely.
- Please ensure that your child attends the Academy each and every day.

Keeping in touch

- Given the importance of Year 10 and 11, please make sure that the Academy have your latest contact details. We can't reach you if your numbers are out of date.

Mathematics GCSE

(9-1)

General changes to the maths curriculum

- GCSE Maths has become more demanding
- More content is being added to foundation and higher tiers
- The pupils will achieve a numerical grade (1-9) (9 is the highest and 1 is the lowest)

Examination

- The total time for the examinations is increasing from 3 hours 30 minutes to 4 hours 30 minutes.
- This is spread out over 3 examinations.
- All exams will be sat at the end of the course.
- No early entry option available for pupils.
- There are fewer marks at the lower grades and more marks at the higher grades at both Foundation & Higher
- Pupils will be required to remember more formulas.
- More emphasis on problem solving

Content

- There is roughly a third more content required for GCSE Maths – ‘big fat maths’
- A lot of content has 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)

Assessment objectives

AO1 is about using and applying standard techniques

AO2 is about reasoning, interpreting and communicating mathematically

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

Foundation Tier	50%	25%	25%
Higher Tier	40%	30%	30%

Content moving TO Foundation Tier

- Index laws: zero and negative powers (numeric and algebraic)
- Standard form
- Compound interest and reverse percentages
- Direct and indirect proportion (numeric and algebraic)
- Expand the product of two linear expressions
- Factorise quadratic expressions in the form $x^2 + bx + c$
- Solve linear/linear simultaneous equations
- Solve quadratic equations by factorisation
- Plot cubic and reciprocal graphs, recognise quadratic and cubic graphs
- Trigonometric ratios in 2D right-angled triangles
- Fractional scale enlargements in transformations
- Lengths of arcs and areas of sectors of circles
- Mensuration problems
- Vectors (except geometric problems/proofs)
- Density
- Tree Diagrams

Content moving TO Higher Tier

- Expand the products of more than two binomials
- Interpret the reverse process as the 'inverse function'; interpret the succession of two functions as a 'composite function' (using formal function notation)
- Deduce turning points by completing the square
- Calculate or estimate gradients of graphs and areas under graphs, and interpret results in real-life cases (not including calculus)
- Simple geometric progressions including surds, and other sequences
- Deduce expressions to calculate the n th term of quadratic sequences
- Calculate and interpret conditional probabilities through Venn diagrams

'New' Content to both tiers

- Use inequality notation to specify simple error intervals.
- Identify and interpret roots, intercepts, turning points of quadratic functions graphically; deduce roots algebraically.
- Fibonacci type sequences, quadratic sequences & geometric sequences.
- Relate ratios to linear functions.
- Interpret the gradient of a straight line graph as a rate of change.
- Know the exact values of $\sin \theta$ and $\cos \theta$ for $\theta = 0^\circ, 30^\circ, 45^\circ, 60^\circ$ and 90° . Know the exact values of

OMITTED TOPICS

- Trial and improvement functions
- Tessellations
- Isometric grids
- Imperial units of measure
- Questionnaires
- 3D coordinates
- Rotation and enlargement of

Summary

- Foundation Tier will assess grades 1 – 5
- Higher Tier will assess grades 4 – 9
- The qualification consists of three equally-weighted written examination papers at either Foundation tier or Higher tier. Paper 1 – Non calculator (33.3%), Paper 2 – Calculator (33.3%), Paper 3 – Calculator (33.3%).
- Each paper is 1 hour and 30 minutes long.
- Each paper has 80 marks.
- We will be using the Edexcel Syllabus.

Any questions please contact Mrs
Adigwe



HOLBROOK ACADEMY

AN ACADEMY SERVING THE WHOLE COMMUNITY

Year 10 Parents Information Evening

English



What's **new** for **Year 10**?

- No longer graded as A,B,C,D,E,F,G, U
- Year 10 are the second year group to be graded by the new **1 to 9** system.
- 9 is the highest grade achievable with 1 the lowest.
- The new 'C' grade is to be a **5**.
- No more controlled assessments!

English Language

- Two exams based on non-fiction articles, texts and **writing from the 19th Century**.
- Paper 1 1hr 45 Mins – Explorations in creative writing and reading (50%)
- Paper 2 1hr 45 Mins – Writers' viewpoints and perspectives (50%)
- Creative writing based on informing, describing, explaining, persuading and arguing.
- Three speaking and listening tasks

English Literature

- Paper 1 – Shakespeare and the 19th Century Novel (40%)
- Paper 2 – Modern Texts and Poetry (60%)
- The big change for literature is that the exams are now 'closed-book'; this means that students must memorise the key quotations.

If there's no controlled assessments, how am I assessed?

- Students will have a 'mock' exam in the classroom at the end of every half term.
- This will be graded based on the new criteria.
- This will be fed back to students and parents/carers so students know exactly what grade they are working at.
- These will be completed under strict exam conditions.

SPaG

- The focus on spellings, punctuation and grammar is now much more specific and students are awarded for the quality of their written communication in both English Language and Literature.

What can parents do at home to help?

- Encourage students to be reading at home **as much as possible**. This can include books, newspapers, online articles, magazines or anything written using good quality language.
- Encourage students to complete home learning tasks to a good standard; these tasks are always tailored to enhance learning.
- Encourage students to discuss current affairs
- Correct punctuation mistakes!

And Finally!

Extra screen time 'hits GCSE grades' | www.bbc.co.uk/news/education-34139196

Extra screen time 'hits GCSE grades'

By Judith Burns
BBC News

4 September 2015 | Education & Family | 596



An extra hour a day of television, internet or computer game time in Year 10 is linked to poorer grades at GCSE, a Cambridge University study suggests.

Waiting for 364bf6be.mpstat.us... | More than 800 14-year-olds and

Top Stories

- Corbyn set for first Cameron clash**
New Labour leader Jeremy Corbyn is preparing to face David Cameron in the Commons for the first time at Prime Minister's Questions.
15 minutes ago
- Migrants in Croatia in new route north**
1 hour ago
- Alton Towers victim's amputation relief**
7 hours ago

Features

- Personal journey**
Meet the enthusiasts who spend their time collecting locations

09:32 16/09/2015