



Year 10 Success Evening

Jason Post (Head of Year 10)

Tom Spillane (Assistant Headteacher – KS4)

Robin Woodhouse (Subject Leader – Maths)

Megan Reynard (Subject Leader – English, Assistant
Headteacher - T&L)

David Thomson (Subject Leader - Science)



Year 10 Success Evening

Jason Post Head of Year 10



Key Dates...

- 25th November – Attitude to Learning 1
- 22nd – 23rd February Year 10 parents evening
- 17th – 28th April Year 10 exams



Next Steps...



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Year 10 Success Evening

Mr Post

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Mr Nichols Year 10 Pastoral Support Manager

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Ext. 279



Pearson
Edexcel

Mathematics

Robin Woodhouse – Subject Leader for Maths

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Students complete a three year GCSE course and take their mathematics exam in the summer of year 11.



Assessment

- Assessment consists of 3 exam papers
 - Paper 1: Non-Calculator 90 mins
 - Paper 2: Calculator allowed 90 mins
 - Paper3 : Calculator allowed 90 mins
- Any topic/skill can come up on any paper!



Tiers of Entry

- Two Tiers are available
 - Higher: grades 3 – 9 are available
 - Foundation: grades 1 – 5 are available



Question and Solution Styles

- Each paper will consist of a mix of question styles, from short, single-mark questions to multi-step problems.
- The mathematical demand increases as a student progresses through the paper



Revision

- Help with revision, especially monitoring pace and progress – encourage the use of online resources.
- In particular help develop independence through using revision guides, workbooks and online resources.



KS4 Homework 33 (does not contribute to the Current grade)	Percentage
Dividing Decimals	0.0
Working with Indices	100.0
Change to a Percentage (Calc.)	0.0
Estimating Answers	100.0
Substitution	0.0
Sharing using Ratio	100.0
Sharing using Ratio 2	100.0
Experimental Probabilities	100.0
Scatter Diagrams	100.0
Reflections	0.0
Calculating Probabilities	0.0
Translation	0.0
Area - Triangles	100.0
The Mean Average	0.0
Fraction of an Amount	100.0
Number Patterns	100.0
Percentages - Percentage of an Amount	100.0
Factorisation	0.0
Units - Length, Mass and Capacity	0.0
Area - Parallelograms	100.0
Total Score	59.0
Overall attainment for this set of assessments based on the average of the rightmost 1 assessments	59.0



English Language & Literature

Megan Reynard – Subject Leader for English

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GCSE Course Structure

- 100% examination
- No coursework or controlled assessments
- 4 exams – 2 Language; 2 Literature
- Closed book examinations
- No tiered entry; every student will sit the same exam papers.



English Language examines...

- Reading unseen non-fiction and literary texts – both old and modern.
- Writing – informative, persuasive and descriptive texts. Spelling, Punctuation and Grammar (SPaG) is a key aspect of this section of the exam.



GCSE English Literature examines...

- Modern text: An Inspector Calls
- **Conflict Poetry (AQA anthology)**
- 19th Century text: A Christmas Carol
- Shakespeare: Romeo and Juliet
- Unseen poetry
- SPaG is also tested



Exams

Language

- Paper 1: Explorations in Creative Writing & Reading written exam (1hr 45min)
- Paper 2: Writers' Viewpoints & Perspectives written exam (1hr 45min)

Literature

- Paper 1: Shakespeare & the 19th century novel written exam (1hr 45min)
- Paper 2: Modern Texts & Poetry written exam (2hr 15min)



How can you help?

- Help develop reading and writing skills. Encourage reading a variety of texts including high quality non-fiction.
- Helping with Spelling, Punctuation and Grammar (SPaG!)
- Practising past questions and annotating extracts of texts
- Understanding the characters, themes, ideas, plot, language and structure of the set literary texts
- Learning and remembering language terminology and quotations
- Helping students to **KNOW HOW TO REVISE ENGLISH!**



The importance of reading:

GCSE subject	Correlation
English Language	0.65
Geography	0.65
Maths	0.63
History	0.61
Science Combined	0.61
English Literature	0.60
Drama	0.57
Citizenship	0.56
German	0.55

- Reading regularly is not just important for your child to do well in English, but vital for them to succeed throughout their schooling and is a key life skill



Why read with your child?

- Did you know that the average reading age for a GCSE exam paper is **15.8** years?
- To give your child the best possible chance of succeeding in their exams, we need to support them in matching or even exceeding this reading age

Why Read Aloud?

INSTILL A LOVE OF READING
Your example demonstrates that reading is important, pleasurable, and valued.

KNOWLEDGE GAINED & SHARED
Books are a pleasure, and they are also informative. You and your child can learn something new as you read aloud.

LITERACY SKILL BUILDING
Vocabulary. Phonics. Familiarity with the printed word. Storytelling. Comprehension. Reading aloud builds literacy skills.

WHILE YOUR CHILD IS GROWING, KEEP GOING!

“Your child continues to benefit from reading aloud, even after he or she can read independently.”

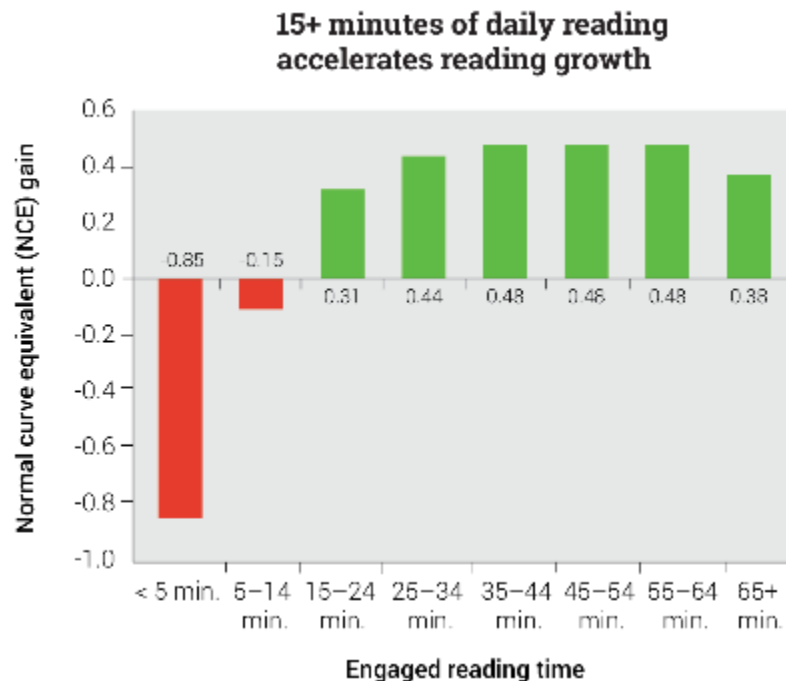
Read Aloud 15 MINUTES
Every child. Every parent. Every day.



Benefits of increased daily reading:

An analysis comparing the engaged reading time and reading scores of more than 2.2 million students found that students who read less than five minutes per day saw the lowest levels of growth, well below the national average.² Even students who read 5–14 minutes per day saw sluggish gains that were below the national average.

Only students who read **15 minutes or more** a day saw **accelerated reading gains**—that is, gains higher than the national average—and students who **read just over a half-hour to an hour per day** saw the greatest gains of all.





Combined Sciences Separate Sciences

David Thompson – Subject Leader for Science

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What is AQA Trilogy Science?

- A relevant science course that links science to issues relevant to all pupils.
- A course that will develop pupils ability to create arguments that link evidence to conclusions.
- A course that will develop pupils abilities in their understanding of how practical experiments are designed to develop scientific explanations.



Combined Science

- Combined science is a double award GCSE so pupils will get a double grade (i.e. 9/9, 5/4 etc)
- Covers a range of biology, chemistry and physics topics
- Includes the key assessed practical techniques pupils can be assessed on in their exams
- Students require a grade 6 to continue their study of science at A-Level



Separate Science

- In the separate science course students will get a separate GCSE grade in Biology, Chemistry and Physics.
- Covers the same range of biology, chemistry and physics topics as in combined science but in greater depth
- Includes the assessed practical techniques for each of Biology, Chemistry and Physics that pupils can be assessed on in their exams
- Students require a grade 6 to continue their study of science at A-Level



Biology Topics

1. Cell biology
2. Organisation
3. Infection and response
4. Bioenergetics
5. Homeostasis and response
6. Inheritance, variation and evolution
7. Ecology



Chemistry Topics

1. Atomic structure and the periodic table
2. Bonding, structure, and the properties of matter
3. Quantitative chemistry
4. Chemical changes
5. Energy changes
6. The rate and extent of chemical change
7. Organic chemistry
8. Chemical analysis
9. Chemistry of the atmosphere
10. Using resources



Physics Topics

1. Forces
2. Energy
3. Waves
4. Electricity
5. Magnetism and electromagnetism
6. Particle model of matter
7. Atomic structure
8. Space physics (Physics only)



Combined Science Exams

Biology

Biology Paper 1
1hr 15mins

16.7% of total GCSE

Biology Paper 2
1hr 15mins

16.7% of total GCSE

Chemistry

Chemistry Paper 1
1hr 15mins

16.7% of total GCSE

Chemistry Paper 2
1hr 15mins

16.7% of total GCSE

Physics

Physics Paper 1
1hr 15mins

16.7% of total GCSE

Physics Paper 2
1hr 15mins

16.7% of total GCSE



Separate Science Exams

Biology

Biology Paper 1
1hr 45mins

50% of total GCSE

Biology Paper 2
1hr 45mins

50% of total GCSE

Chemistry

Chemistry Paper 1
1hr 45mins

50% of total GCSE

Chemistry Paper 2
1hr 45mins

50% of total GCSE

Physics

Physics Paper 1
1hr 45mins

50% of total GCSE

Physics Paper 2
1hr 45mins

50% of total GCSE



Revising for Science

- Students would benefit from reading daily newspapers and accessing science sections of websites such as the BBC.
- They should get their science revision guide from student services
- Revising using the past papers available on the AQA website is the best preparation for their exams



Total Exam Hours for Core Subjects

19 hours 30 minutes (for combined science students)

22 hours 30 minutes (for single science students)



How can parents and carers help?



Provide an encouraging home environment

- Show interest in their learning
- Have conversations about how year 10 is going
- Let them know that finding things tough is normal and that perseverance will help achieve their goals
- Encourage them to review their work continually through year 10 and revise as they go not just for the mocks



Wellbeing

- Speak to your child about concerns and pressures they face
- Help them come up with solutions
- Contact teachers, Pastoral Support Manager and Head of Year if they need extra support from school



Work environment

- ✓ Somewhere visible eg. Dining room table
- ✓ No noise distractions eg. TV, mobile phone, music
- ✓ Equipment – Pens, pencils, highlighters, etc
- ✓ If they work in their bedroom, make sure the door is left open



Engage with the work

- Each night ask what work they have to do and how long they expect it to take
- They will never have no work to do!!
- Provide drinks and snacks
- Check on work and give positive feedback
- Test them on the revision they have done

Attendance Matters

100%

Good Attendance

100% Attendance

82% chance of achieving 5 good GCSEs at grade 4 or above with English and Maths

Good Attendance (above 95%)

74% chance of achieving 5 good GCSEs at grade 4 or above with English and Maths

95%

Some risk of underachievement

Low Attendance (90-95%)

57% chance of achieving 5 good GCSEs at grade 4 or above with English and Maths

Persistent Absence (Attendance 85-90%)

41% chance of achieving 5 good GCSEs at grade 4 or above with English and Maths

90%

Significant risk of underachievement

High Persistent Absence (Attendance below 85%)

22% chance of achieving 5 good GCSEs at grade 4 or above with English and Maths

85%

Severe risk

These are the latest figures from the Department of Education.

Achievement matters

Attendance matters



Motivating Learning

Respect | Aspiration | Creativity
Inspiring young people in Bury St Edmunds since 1550



Growth Mindset

"I give up easily"

"My potential is predetermined"

"Failure is the limit of my abilities"

**FIXED
MINDSET**

"My intelligence is static"

"I avoid challenges"

"I stick to what I know"

"Feedback and Criticism is personal"

"I will never improve"

"I am either good at it
or I am not"

"There is no point in trying it"

"I like to try new things"

"I can learn to do what I want"

"Failures offer opportunity &
growth"

**GROWTH
MINDSET**

"My intelligence can be developed"

"I embrace challenges"

"I learn from feedback"

"I keep trying and never give up"

"I am inspired by others
people's success"

"My mistakes help me grow"

"I know this will help me even
though it is difficult"

Respect | Aspiration | Creativity

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Growth Mindset

- Appreciate a challenge
- View mistakes as learning
- Effort is seen as the path to mastery
- Perseverance
- Has a positive 'can do' attitude
- Understands that intelligence can be developed



Top Tips

- Discuss the process – “What have you been learning about?”
- Focus feedback on effort not attainment
- Encourage risk, failing and learning from mistakes
- Model and encourage ‘Grit’
- Find alternative ways to find success
- Learning Walls
- Set targets – more importantly how are they going to be achieved?



Revision

- Review and Revise
- Little and often
- Break it down
- Create resources to use several times
- Take up in school opportunities
- Get resourced!
- Revise actively



School Website

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Here to help

Respect | Aspiration | Creativity
Inspiring young people in Bury St Edmunds since 1550



Who Can Help?

- Mr Post – Head of Year 10
- Mr Spillane – Assistant Headteacher – KS4
- Form Tutor
- Pastoral Support Manager (PSMs)
- Mrs Blyth Exams Officer
- Mrs Scott SENCO
- Subject leaders / teachers