



King Edward VI School

Year 10 GCSE Parents Information Evening

Henry Stevenson – Assistant Headteacher (Achievement)
Peter Hurry – Assistant Headteacher (Curriculum)

Wednesday 26th September 2018



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What ended in 1896?

1895

What was significant about



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10. Helen hopes for high marks.

Activity 3: Brainstorm verbs. What do you like to do with your friends and family?

Complete the sentences below with action verbs like 'jump', 'dive', 'float' or 'swim'

1. I like to move it move it move it
2. I like to move it move it
3. I like to move it move it
4. I like to move it!

Activity 4: Identify verbs. Circle all the verbs below. Cross out all the words that are not verbs.

share

travel

weak

words



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1. why are there rings on Saturn?

Because God liked it, so he

put a ring on it. ~~Saturn~~ was

NOT a single

Lady.



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- a. metamorphic rock
- b. igneous rock
- c. sedimentary rock
- d. pet rock

Extra credit: What is the strongest force on earth?

~~Love~~



KS4 Outcomes 2018

- Estimated Progress Score = 0.3
- 76% of students passed both English and Maths (grade 4 or better)
- **Your children: Target 88%!**



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Teachers v Parents

Who has the greater impact on student outcomes?





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GO 4 PARENTS AND GUARDIANS



Go4Schools

- Homework
- Attendance
- Behaviour
- Assessment
- Progress

Home > Parents



[Go4Schools](#)

[Homework: A Guide for Parents](#)

[Reading: A Guide for Parents](#)

[Classroom Expectations](#)

[Guidelines for the presentation of work](#)

[Key Stage 3 Curriculum Overview 2017-18](#)

[Key Stage 4 Courses Available](#)

[Parent Pay](#)

[Parents' Evening Appointments](#)

[Reporting and Assessment Calendar: Key Stage 3](#)

[Progress Calendar Key Stage 4](#)

[Progress Calendar Key Stage 5](#)

[Options Brochure](#)



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Key Dates

Wed 26th Sept

Fri 9th Nov

Fri 1st Feb

Thu 28th Mar

Fri 3rd May

Mon 24th June

Weds 17th July

Exam Prep Evening

Progress Review 1

Progress Review 2

Parents Evening

Progress Review 3

Year 10 exams

Progress Review 4



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- Two year courses
- NEW courses
- Linear courses
- New GCSE 1-9 scale



New GCSE grades

New grading structure	Current grading structure
9	A*
8	
7	A
6	
5	B
4	C
3	D
2	E
1	F
	G
U	U



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English



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GCSE English Language 9-1 GCSE English Literature 9-1



9-1 Reformed Specification (from 2015)



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- 100% examination
- No coursework or controlled assessments
- 4 exams – 2 Language; 2 Literature
- Each exam is 2 hours long
- 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.



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GCSE English Literature examines...

- An Inspector Calls
- Conflict Poetry
- Dr Jekyll and Mr Hyde
- Romeo and Juliet
- Unseen poetry and play scripts
- SPaG is also tested



How can you help?

- Working 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!**



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Mathematics

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
- Paper 3 : Calculator allowed 90 mins



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Two Tiers

Higher: Grades 4 – 9 are available

Foundation: Grades 1 – 5 are available



Assessment Objectives

- AO1: Use and apply standard techniques
- AO2: Reason, interpret and communicate mathematically
- AO3: Solve problems within mathematics and in other contexts



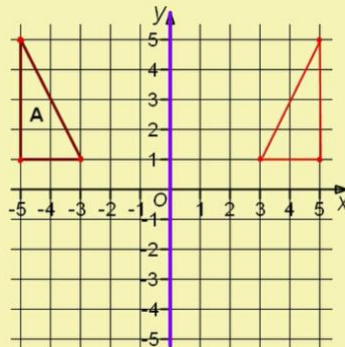
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MathsWatch

Homework and Revision

<https://vle.mathswatch.co.uk/vle/>

Reflect triangle **A** in the y -axis.





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PiXLmaths

- School Id: KE2555
- User ID: SMITHT (Tom Smith)
- Password: SMITHT



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School Website

GCSE Maths Revision

Follow us on [Twitter](#)

Homework and Revision Support KS3 to KS4

We use VLEMathsWatch for homework and Revision. You will need to speak to your teacher for your login and password details if you do not have them.

[VLEMATHSWATCH](#)

These websites require no passwords

[5-a-day GCSE 9-1](#) which enables you to do some practise questions EVERY DAY!

[Videos and Worksheets](#) which talk you through the skills!

[MathedUp!](#) is a similar site with more exam type questions and videos!



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Science



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- Combined Science
- Separate Science



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Combined Science

- Combined science is a double award GCSE so pupils will get a double grade (i.e. 9-9, 5-5 etc)
- Covers a range of Biology, Chemistry and Physics topics



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



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Biology

- Cell biology
- Organisation
- Infection and response
- Bioenergetics
- Homeostasis and response
- Inheritance, variation and evolution
- Ecology



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Chemistry

- Atomic structure and the periodic table
- Bonding, structure, and the properties of matter
- Quantitative chemistry
- Chemical changes
- Energy changes
- The rate and extent of chemical change
- Organic chemistry
- Chemical analysis
- Chemistry of the atmosphere
- Using resources

Respect | Aspiration | Creativity

Inspiring young people in Bury St Edmunds since 1550



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Physics

- Forces
- Energy
- Waves
- Electricity
- Magnetism and electromagnetism
- Particle model of matter
- Atomic structure
- Space physics (*Separate Science only*)

Respect | Aspiration | Creativity

Inspiring young people in Bury St Edmunds since 1550



Practical Skills

- These are taught alongside the biology, chemistry and physics topics
- At least 15% of the questions will be about a series of experiments completed throughout the year called assessed practicals



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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



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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

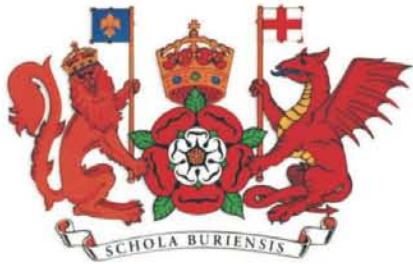
Physics Paper 2
1hr 45mins

50% of total GCSE



Controlled Assessment

- There is no longer any controlled assessment in science
- This has been replaced by written examination questions on the following skills; planning; carrying out; analysing; interpretation and evaluating.
- 15% of the total marks will come from the assessment of these skills which will be derived from the key scientific techniques taught.



Extended Writing in Science

Examination papers include extended writing

(b) Since 1993 cars in the UK have been fitted with catalytic converters.

Catalytic converters lower the amounts of carbon monoxide and nitrogen monoxide reaching the air.

Use ideas about oxidation and reduction to explain how levels of carbon monoxide and nitrogen monoxide are lowered using a catalytic converter.

You may use word equations or diagrams of reactions in your answer.



The quality of written communication will be assessed in your answer.



Numeracy in Science

- All examination papers include mathematical based questions.

(b) S-waves travel from an earthquake to a detector **560 km away.**

They take **150 seconds** to make this journey.

(i) P-waves from the earthquake arrive **50 seconds** before the S-waves.

Calculate the speed of the P-waves.

$$\text{speed} = \frac{\text{distance}}{\text{time}}$$

$$\text{speed} = \frac{560}{(150 - 50)}$$

speed of the P-waves = **5.6** km/s [2]



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How can you help?



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- ✓ Motivation through achievement
- ✓ Negotiate the work – life balance
- ✓ Monitor homework
- ✓ Persevere when you get grunted at!
- ✓ Use incentives but not bribes
- ✓ Genuine praise and recognition



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Technology

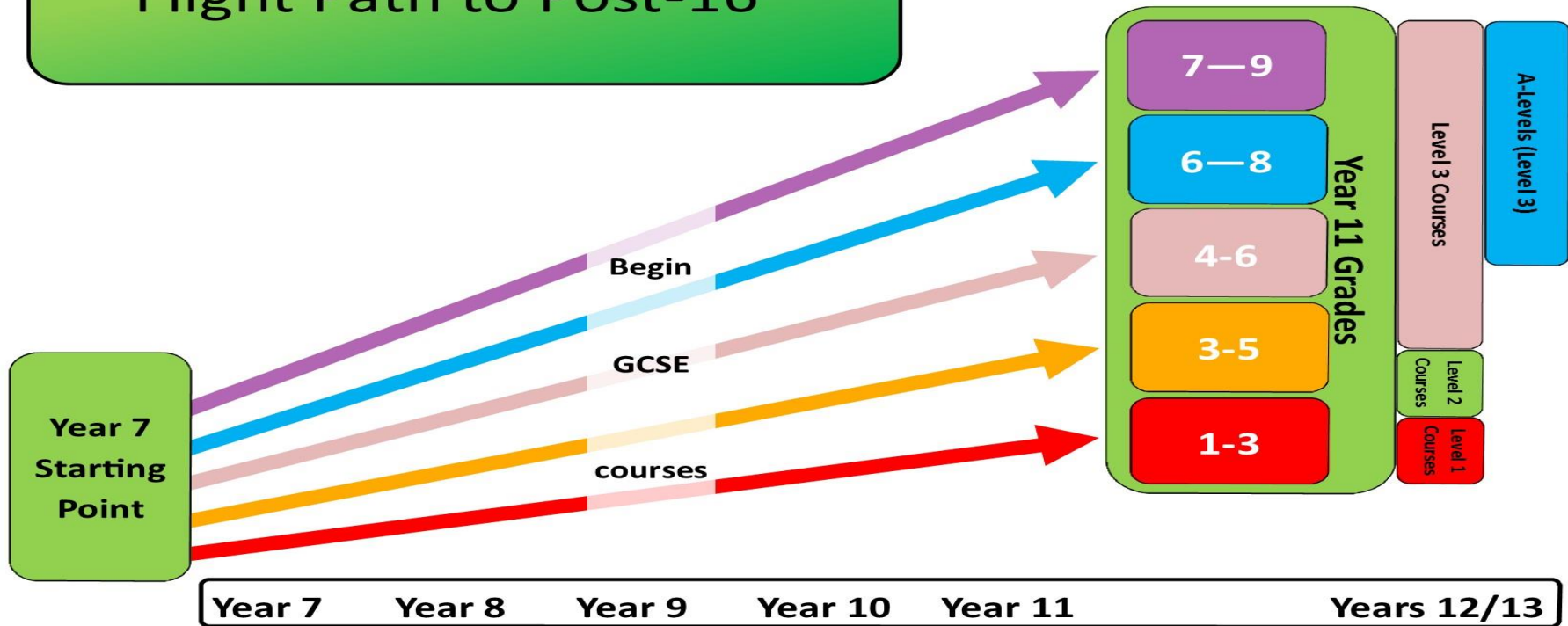




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What is a growth mindset?

Flight Path to Post-16



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

These are the latest figures from the Department of Education.

Achievement matters

Attendance matters

85%

Severe risk



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How can we help?



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- Henry Stevenson Assistant Head (Achievement)
- Peter Hurry Assistant Head (Curriculum)
- Peter Wright Assistant Head (Pastoral)
- Form Tutor
- Head of College
- Pastoral Support Managers (PSMs)
- Nickie Young Family Liaison
- Alison Light Exams Officer
- Sharon Scott SENDCO
- Subject leaders / teachers
- Angela Hahn IAG