

YEAR 11

MATHS, ENGLISH AND SCIENCE INFORMATION EVENING







Extra Provision



Year 11 Extra Provision Timetable

	Monday	Tuesday	Wednesday	Thursday	Friday
AFTER SCHOOL 2:50 – 3:50pm	Monday	Tuesday ICT (Creative iMedia) Mrs Hornett – B5 & Miss Sutton – B16 Music – E1 (by invite only / parental letter) – Composition NEA. Mr Davie. Food – D4 – Miss Sanders* Art LXW* Drama - KLH – BEC*	Wednesday Business - Mrs Roberston - B12, Miss Dowell - B10, Mrs Hau - B9 ICT (Creative iMedia) Mrs Wood - B7 Computer Science - Mrs Hornett - B5 Music - E1 (by invite only / parental letter) - Composition NEA. Mr Davie.	ThursdayComputer Science - MrsWood - B7ICT (Creative iMedia) - MrsHomett - B5 & Miss Sutton -B16.Maths - Miss Ashton - C2*Music - E1 (by invite only / parental letter) - Composition NEA. Mr Davie.	Friday Music – E1 (by invite only / parental letter) – Composition NEA. Mr Davie. Design and Technology – Mr Cheong – D3 German – SJP – to offer support for German foundation students. Targeted group.
		Drama - KLH – BEC* French - ACJ – support for Higher ability French, focussing on grammar and exam skills.* English – Miss Gardner – C7, Miss Hickling – C3.	Design and Technology – Miss Lyn-Kew (alternate Wednesdays) – D3 Drama – KLH– BEC* English – KRF – C8	Food – D6 – Mrs Dowdeswell* Art RQP* Drama - KLH - BEC*, AJS – E10* French – revision skills for foundation French students* German - JCY – support for Higher ability German students, focussing on	English – An Inspector Calls Catch Up Sessions SYA – A11*
				grammar and exam skills.* English – Miss Samuels	



Mathematics





The new grading structure is being introduced, from grade 9 to 1, to replace the familiar A* to G grading scale. 9 will be the highest grade, 1 the lowest.

How is it assessed?

100 % exam Three papers each 80 marks Each paper 1.5 hours

Grades available

Higher 4-9 Foundation 1-5

Grade 7 anchored to a grade A

Grade 4 anchored to a grade C

Date of exam

GCSE Paper 1 (Non Calculator): 19th May (AM) GCSE Paper 2 (Calculator): 4th June (AM) GCSE Paper 3 (Calculator): 8th June (AM)





Tier of Entry

Grades available Higher 4-9 and Foundation 1-5

Crossover grade 4 and 5 (4 is equivalent to a grade C)

Review assessments and exam papers. Mock in November , and another mock in March Final decision needs to be made by <u>19th March</u>

Suggested tier of entry for March mock exam in your packs but <u>final tier of entry</u> may change in light of mock grade from March paper.





What is new?

More demanding for everyone

The volume of subject content has increased for both tier

More difficult topic introduced

The total time for the examinations is increasing, form 3 ½ hours to 4 ½ hours

In the assessments there's a greater emphasis on problem solving and mathematical reasoning

Students will be required to memorise formulae – fewer formulae will be provided in examinations

Parent guide on our website with additional information on the new changes.





Approximately 12 teaching weeks left till their first exam....

How do I revise?



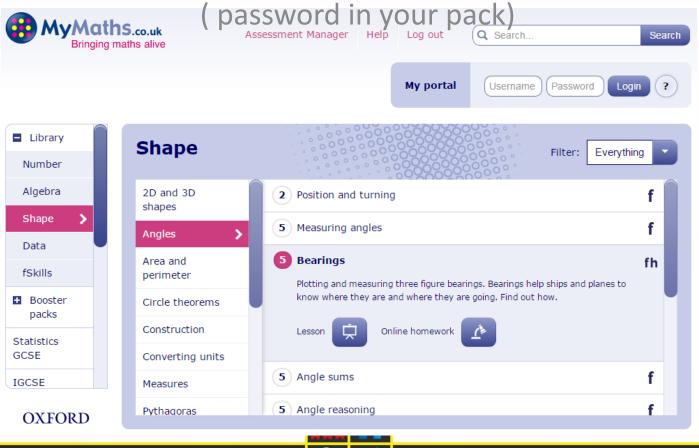


Topic checklists already on	GCSE Maths Linear Exam Topic List - HIGHER				
Show my	NUMBER				
homework	Add, subtract, multiply, divide		Write numbers in words		
nomework			Write numbers from words		
			Add, subtract, multiply, divide whole numbers, integers, negatives, fractions, and decimals and numbers in index form		
			Multiply and divide any number between 0 and 1.		
			Divide decimals up to 2 decimal places		
			Solve a problem involving division by a decimal (up to two decimal places)		
			Know the fraction-to-decimal conversion of familiar fractions		





Students should be using MyMaths.co.uk to help them revise







Pinpoint booklet

Students have been given personalised booklet of weaker areas based on November exam

Students can also log into website and see additional personalised booklets from previous exams plus mark schemes. (password in packs)

www.pinpointlearning.co.uk

Pinpoint also has personalised podcasts/video/questions/answers

Topic 1: Percentage of an amount. Mathswatch clip: 87 Topic 2: Probability. Mathswatch clip: 59 Topic 3: Proportion Problem Solving 1. Mathswatch clip: Topic 4: Fractions + - / x. Mathswatch clip: 71 Topic 5: Sequences. Mathswatch clip: 103



Mathematics 8am – 8.30		1.15 - 1.50	2.50 - 3.40	
Revision				
Starting January 202	0			
Monday		Miss Lam		
		Room C2		
		Grade 3-5		
Tuesday	Mr Cooper	Miss Lam		
	Room C1	Room C2		
	Grade 3-6	Grade 3-6		
	Mrs Kalicharan			
	Room C14	Mr Cooper		
	Grade 3-5	Room C1		
		Grade 3-5		
Wednesday				
··· ···,			Mrs Windridge/Mrs	
			Riddet Smith	
			Room C13/16	
			Grade 7-9	
Thursday	Miss Paris	Mr Cooper	Miss Ashton and Miss	
· · · · · ,	Room C12	Room C1	Kalsi – invited only	
	Grade 5-7	Grade 3-6	Room C2	
			Mrs Lam	
			Room C13	
			Grade 6-9	
			Miss Clewes	
			Room C11	
			Grade 3-6	
Friday			Miss Kalsi	
			Room C15	

Revision sessions started in January

Welcome to attend any revision sessions.

May be additional sessions which specific to students , need to discuss with class teacher.

Copy in packs



On our school website

Past papers Model solutions Revision material

We also add whole year group revision on Show My Homework

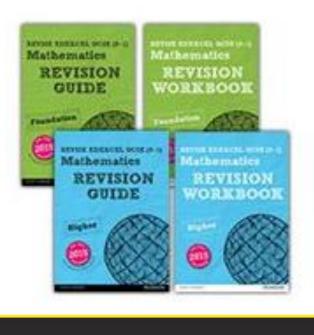
Blank revision cards also available from their maths teacher for notes/formula

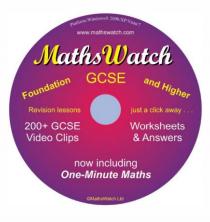






Revision material available to purchase through parent pay









Recommended maths websites

<u>www.examsolutions.net</u> www.mathsgenie.co.uk <u>www.mathsapp.pixl.org.uk</u> <u>www.corbettmaths.com</u> <u>www.edexcel.co.uk</u> Dr Frost maths

School website – numerous papers/resources/model solutions/mark schemes





SUPPORT THAT IS AVAILABLE FOR YOUR CHILD IN MATHS

- An additional mock exam will be held later this term (March)
- Birmingham University Revision days
- Revision books/guides/discs available to purchase
- Revision timetable
- On our website number of exam papers/resources
- Pinpoint booklets
- If you require any more information please contact your child's class teacher in first instance.

<u>a.ashton@fairfax.bham.sch.uk</u> (Director of Faculty - Mathematics)

a.rose@fairfax.bham.sch.uk (Subject Leader - KS4 Mathematics)





English

Director of Faculty – Mrs K Ford k.ford@fairfax.bham.sch.uk

Year 11 Intervention – Mrs L Essex I.essex@fairfax.bham.sch.uk





In English all students follow the same pathway:-

GCSE English Language – AQA

http://www.aqa.org.uk/subjects/english/gcse/english-language-8700

AND

GCSE English Literature – AQA http://www.aqa.org.uk/subjects/english/gcse/english-literature-8702

There is only one level of entry – papers aren't tiered.





Key Dates

GCSE English Language

Paper 1 - 4th June – 1 hour 45 minutes (am) **Paper 2** - 7th June – 1 hour 45 minutes (am)

GCSE English Literature

Paper 1 – 15^{th} May – 1 hour 45 minutes (pm) **Paper 2** – 23^{rd} May – 2 hours 15 minutes (am)



Outline of Course GCSE English Language

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Assessments

All texts in the examination will be unseen.

Paper 1: Explorations in Creative Reading and Writing

What's assessed

Section A: Reading

one literature fiction text

Section B: Writing

 descriptive or narrative writing

Assessed

- written exam: 1 hour 45 minutes
- 80 marks
- 50% of GCSE

Questions

Reading (40 marks) (25%)

- one single text
- 1 short form question (1 x 4 marks)
- 2 longer form questions (2 x 8 marks)
- 1 extended question (1 x 20 marks)

Writing (40 marks) (25%)

 1 extended writing question (24 marks for content, 16 marks for technical accuracy)

Paper 2: Writers' Viewpoints and Perspectives

What's assessed

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

Questions

Reading (40 marks) (25 %)

- two linked texts
- 1 short form question (1 x 4 marks)
- 2 longer form questions (1 x 8, 1 x 12 marks)
- 1 extended question (1 x 16 marks)

Writing (40 marks) (25%)

 1 extended writing question (24 marks for content, 16 marks for technical accuracy) Non-examination Assessment: Spoken Language

What's assessed

(AO7-AO9)

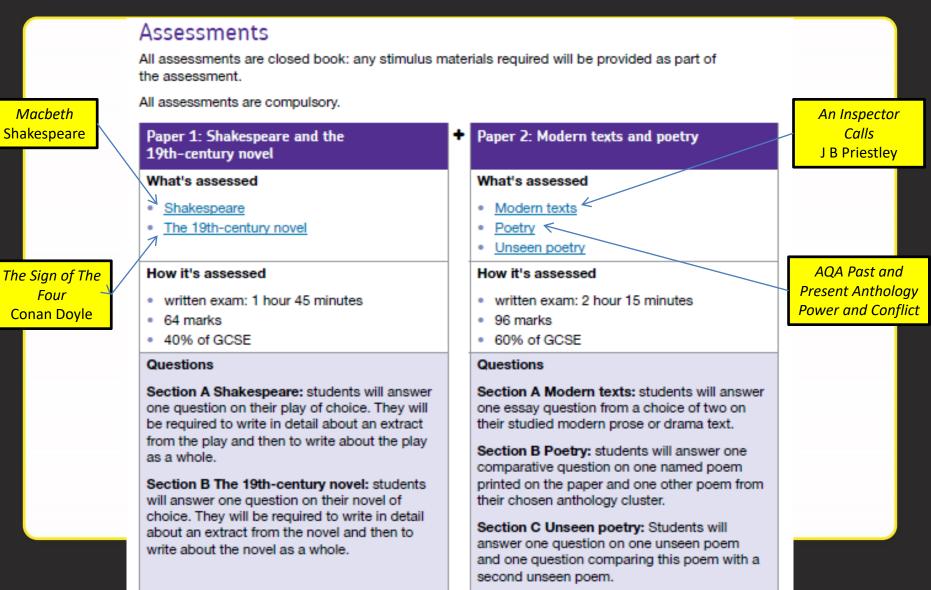
- presenting
- responding to questions and feedback
- use of standard English

Assessed

- teacher set throughout course
- marked by teacher
- separate endorsement (0% weighting of GCSE)

Outline of Course GCSE English Literature







Revision Sessions and Additional Support We run additional sessions on Tuesday in C8 between 2.50pm and 3.50pm. In addition, other sessions run throughout the week, led by Faculty staff. Sessions are targeted and are run on an invitation basis.

In addition, students can support their revision by referencing homework set on *Show My Homework* and using revision booklets on the







Resources to help you Web links





FAIRFAX SINCERITAS LABORIS

twitter

Pinned Tweet



Mr Bruff @MrBruffEnglish · Feb 4

Grade 9 analysis of all power & conflict poems youtube.com/playlist?list=... & all love & relationships poems youtube.com/playlist?list=... please RT!



Mr Bruff @MrBruffEnglish - Feb 4

Going to do a giveaway for my two GCSE guides. To enter, retweet my NEXT tweet (about 42 videos). Draw at 10pm



Mr Bruf Mr Bruf MR Bruff's MR Bruff's **Guide To** Guide To GCSE GCSE ENGLISH LANGUAGE **ENGLISH LITERATURE** 17 EXAMS ONWARDS EXAMS ONWARDS OVER 100 PAGES OVER 100 PAGES NCLUDES LINKS TO NCLUDES LINKS TO EXCLUSIVE VIDEOS EXCLUSIVE VIDEOS ored by **Owl Education Owl Education**

Mr Bruff @MrBruffEnglish · 17h Please retweet: Power and Conflict Revision Rap: 15 Quotations to Music youtu.be/dABvuspS9Vo?li... via @YouTube

Mr Bruff @MrBruffEnglish · Jan 15

youtube.com/playlist?list=...

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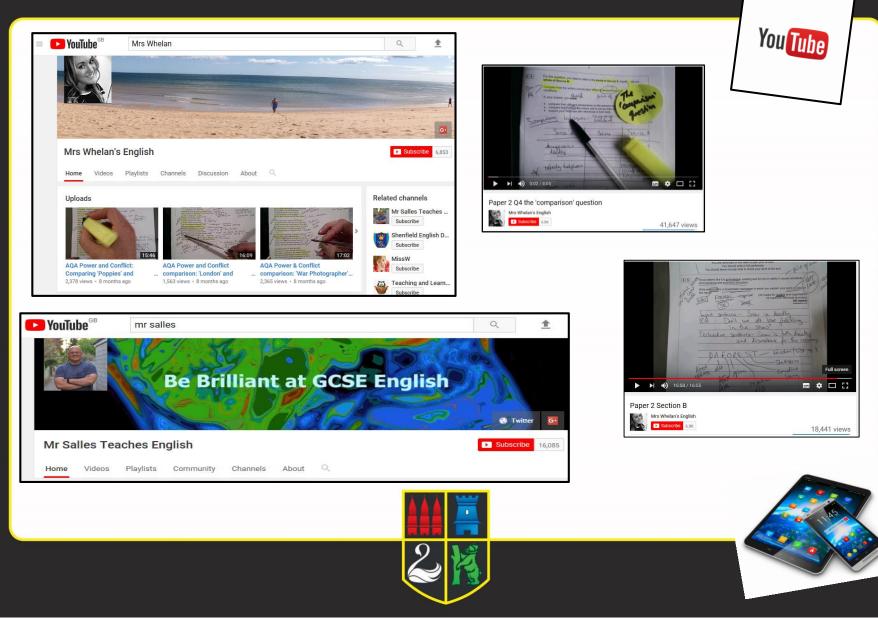
Power and Conflict Revision Rap: 15 Quotations to... See the explanation of the quotations here: https://youtu.be/RkJdEaKTIYg Download for free on iTunes (podast 32): https://itunes.apple.com/gb/podcas... voutube.com

9 videos on 'The Sign of Four' by Arthur Conan Doyle - Analysis





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What can we do at home?

Revise using AQA sample questions AND mark schemes:-

GCSE English Literature

Teaching from: September 2015

Exams from: June 2017 Specification code: 8702 QAN code: 601/4447/6

We have worked closely with teachers to design our English Literature specification to inspire, challenge and motivate every student, regardless of ability level.

A range of texts is included to cater for the needs of teachers and students in all educational contexts. There are texts that will be familiar, as well as new ones that will inspire young readers.

It's fully co-teachable with GCSE English Language, so students will benefit from the transferable skills.

Specification >

Specification at a glance >

Specimen papers and mark schemes >



La Download specification

GCSE English Language

Teaching from: September 2015 Exams from: June 2017

Specification code: 8700 QAN code: 601/4292/3

Our specification is designed to inspire and motivate your students, providing appropriate stretch and challenge whilst ensuring that the assessment and texts are, as far as possible, accessible to all students.

It enables your students to develop the skills they need to read, understand and analyse a wide range of different texts and write clearly.

We've developed two equally-balanced papers, each assessing reading and writing in an integrated way.

Specification >

Specification at a glance >

Specimen papers and mark schemes >





Download specification



What can we do at home?

Revise using free revision resources provided on the school website...

Language Paper 1	LANGUAGE PAPER 2		
In the exam there will be two sections:	In the exam there will be two sections:		
Section A: Reading 1 fiction text 4 questions Section B: Writing Choice of 2 questions If will take 1hour 45mins.	Section A: Reading 2 non-fiction texts 4 questions Section B: Writing 1 question It will take 1hour 45mins. It will take 1hour 45mins.		

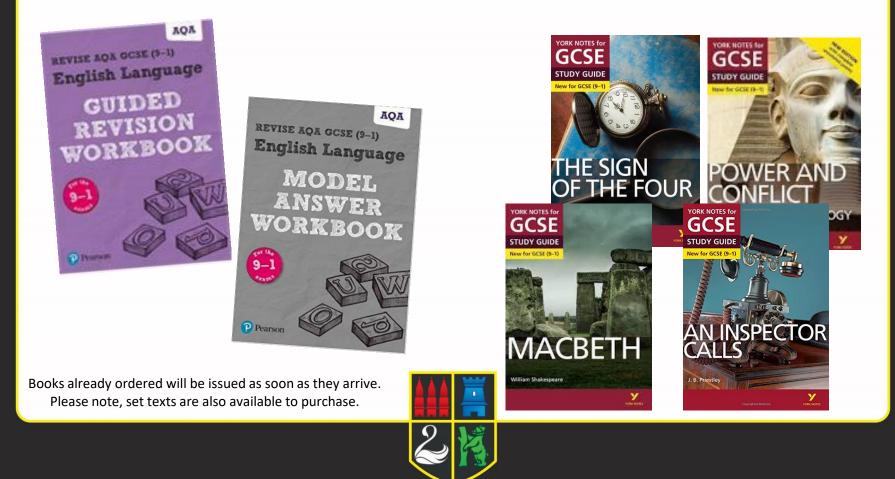
...and those provided by English teachers before Christmas...





What can you do at home?

Revise using revision guides which can be purchased by Parent Pay.





Finally...









Science

Director of Faculty – Mrs L. Jackson l.jackson@fairfax.bham.sch.uk





In Science students follow one of the following pathways:-

Either

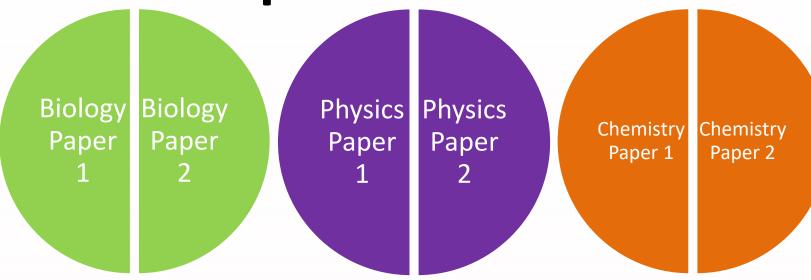
Separate science (3x GCSE's – Biology, Chemistry and Physics) Or Combined: Trilogy (2x GCSE's – Science)

Combined: Trilogy (2x GCSE's – Science)





Separate science

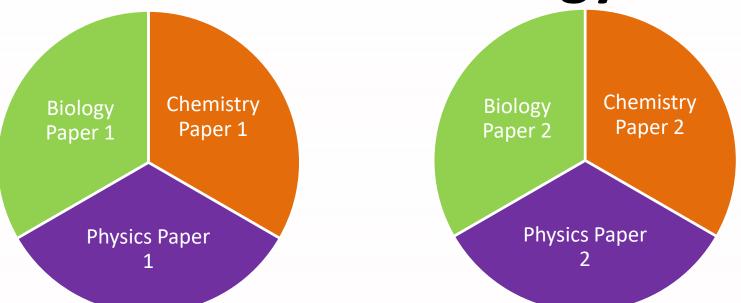


3x GCSE's over all three sciences. Each examination lasts 105 minutes.





Combined: Trilogy



2x GCSE's over all three sciences. Each examination lasts 75 minutes.





The new grading structure has been introduced, from grade 9 to 1, to replace the familiar A* to G grading scale. 9 is the highest, 1 the lowest.

GRADES AVAILABLE

Higher tier 4-9 (marks that do not reach grade 4 will receive unclassified U)

Foundation tier 1-5

ROUTE & TIER OF ENTRY

Route and tier of entry decisions are currently being made to maximise student outcomes. Class teachers will have discussed the route and tier with students. Any queries should be made to Mrs. Jackson by 15th February.





What is new?

- More demanding for everyone.
- The volume of subject content has increased for both routes.
- More challenging topics introduced from A-level.
- Questions based on skills developed from the required practical's taken by all students.
- No coursework.
- The total time for the examinations is increasing. Separates from 9 hours to 10.5 hours. Combined From 6 hours to 7.5 hours.
- Students will be required to recall equations for physics fewer equations will be provided in examinations (all equations to recall are found in the back of workbooks).
- Greater demand on mathematical skills over all three sciences.







What can you do at home to support with structured revision?







Revise using the all in one revision guides which can be purchased via parent pay.



Topic checklists are on Show My Homework, which show if content is found on the separates/ combined route and H/F tier.



PAPER 2:

Unit 5: Homeostasis and response

			TF	TH	SF	SH
IC	omeostasis	Homeostasis				
ſ	an nervous system	Structure and function (The human nervous system for Trilogy)				
c		The brain				
		The eye				
		Control of body temperature				
	pordination in humans	Human endocrine system				
		Control of blood glucose concentration				
ľ		Maintaining water and nitrogen balance in the body				
Г		Hormones in human reproduction				
Г		Contraception				
The use of hormon		The use of hormones to treat infertility				
		Negative feedback				
Plant hormones		Control and coordination				
		Use of plant hormones				





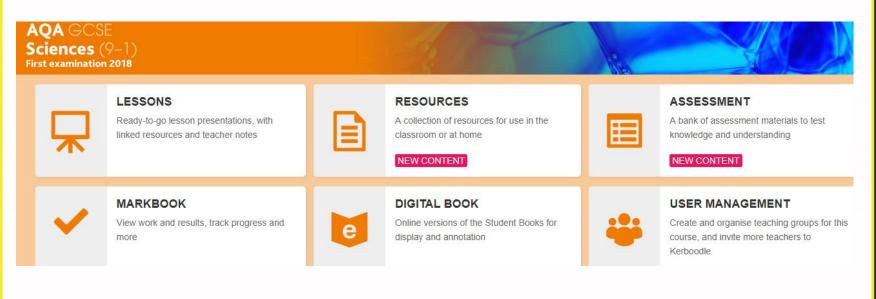
Science intervention timetable

	Monday	Tuesday	Wednesday	Thursday	Friday
BEFORE		Mr Steeden – GCSE	Miss Webber – GCSÉ		Mr Porter – GCSE
SCHOOL		Biology/Physics B14	Combined biology – B19		Chemistry B4
8:00 – 8:30am					Mrs Hilliage – GCSE Chemistry drop in session B17
TUTOR TIME					
8.35-8.55am					
LUNCHTIME	Mrs Hilliage – GCSE Chemistry drop in session B17		Mr Cropper – GCSE Physics drop in session B13 (from Feb ½ term)	Mr Cropper – GCSE Physics drop in session B13 (from Feb ½ term)	Mr Harwood– Y11/13 Chemistry drop in session B17
1:20 – 1:50pm	Mr Hill – GCSE Physics drop in session B6 (from Feb ½ term)			Mr Steeden – GCSE Biology drop in session B14 (from Feb ½ term)	Mr Hill – GCSE Physics drop in session B6 (from Feb ½ term)
AFTER SCHOOL 2:50 – 3:50pm			Miss Webber – GCSE Combined biology B19	Mr Carty – GCSE Chemistry B8 Mrs Hilliage – Y12/13 Chemistry drop in session B17	





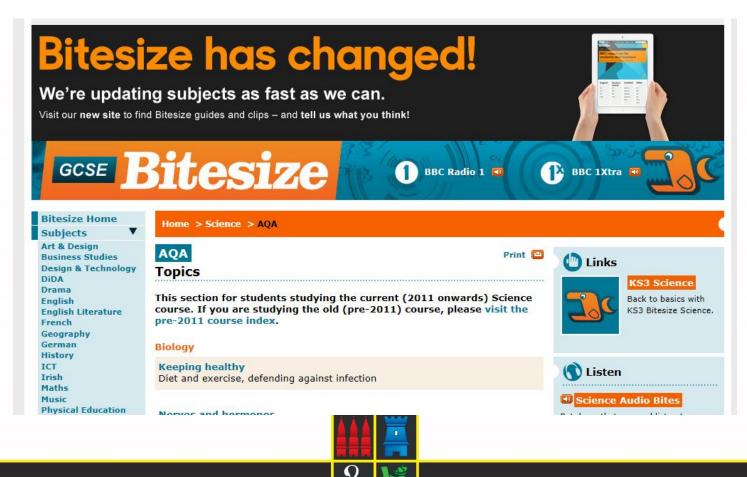
Students should be using kerboodle to help them revise independently. All details on how to log on are on SMH. Username & password: first initial then surname (ljackson) Institution code: pra1







Make use of GCSE Bitesize





•Biology (8461)

Introduction

Specification at a glance

Planning resources

Teaching resources

Assessment resources

Back to top ∧

- > Assessment guidance: End of Year 10 tests (webinar)
- Assessment guidance: Year 11 mocks (webinar)
- Exam guidance: Making questions clear (1.5 MB)
- Exam guidance: Our exams explained (1.9 MB)
- Exampro: Searchable past paper questions, marks and examiner comments
- Grade descriptors for single and combined science GCSEs (9-1) [GOV.UK]
- > Key Stage 3 Science transition tests
- W NEA and fieldwork: Centre declaration form 2018 (266.6 KB)
- NEA and fieldwork: Centre declaration form 2018 (72.4 KB)

Foundation

- Paper 1 (Foundation): Specimen mark scheme (180.6 KB)
- Paper 1 (Foundation): Specimen question paper (666.2 KB)
- Paper 2 (Foundation): Specimen mark scheme (219.3 KB)
- Paper 2 (Foundation): Specimen question paper (782.4 KB)

Higher

- Paper 1 (Higher): Specimen mark scheme (232.2 KB)
- Paper 1 (Higher): Specimen question paper (623.8 KB)
- Paper 2 (Higher): Specimen mark scheme (252.4 KB)
- Paper 2 (Higher): Specimen question paper (677.9 KB)



Students can also find specimen papers and mark schemes on the AQA website

Additional Information From Other Subjects

MFL – GCSE.

<u>French</u>

Key dates – actual speaking exams to be done between **20th and 30th April**. Individual times to be allocated.

Listening and reading exam – 12th May

Writing exam 15th May

Extra resources

Active learn – students all have their log ins to access listening and reading materials.

BBC Bitesize - notes, video tutorials and tests

Revision guides and **workbooks** can be purchased through Parent pay.

Support

Intervention by invitation only for Foundation tier students on Monday or Tuesday during tutor time (SEH)

Open to all students on Tuesday and Thursday (CTW & ACJ).

<u>German</u>

Key dates - actual speaking exams to be done between **4th and 15th May.** Individual times to be allocated.

Listening and reading exam – 18th May

Writing exam 5th June

Extra resources

Kerboodle can be accessed at home by all students for additional reading and listening practice.

BBC Bitesize - notes, video tutorials and tests

Revision guides can be purchased through Parent pay.

Support

Intervention by invitation only for Higher tier students on Thursday at 8.00 (RMC)

Open to all students on Wednesday and Friday (SJP & JCY).

Computer Science

- Students have been issued with a variety of material to support exam revision, e.g. topic list, revision guides, topic tests, past exam papers
- Recommended revision websites: Teach-ict, cbnewbs.com and GCSE Bitesize)
- If possible, students should download the software Greenfoot Version 2.4.2 to practise their programming skills for the practical exam
- Extra provision takes place every Tuesday, Wednesday and Thursday (in B5/B7) and is open for all students to get extra support and/or to use the computers/software

ICT (Creative iMedia)

- Deadline for the final piece of coursework (worth up to 25%) is Easter
- Extra provision takes place every Tuesday, Wednesday and Thursday (in B5/B7) and is open for all students to get extra support and/or to use the computers/software to complete coursework

GCSE PHYSICAL EDUCATION

Theoretical aspect (60%)

- Intervention will continue to take place every Thursday afterschool with Mr Ravenscroft and Miss Ashford respectively.
- Students must ensure they make the most of the last few hours afforded to them in their controlled assessment, the AEP document.
- Students must continue to review their specification checklist to highlight any gaps in knowledge. If students need a new checklist they may collect one from the PE office asap.
- Ensure any purchased revision resources are applicable to the OCR course.

Practical aspect (40%)

- Students must ensure their log books for each sport are up to date, these must be completed by moderation day.
- Should one of the chosen sports require video evidence, for example swimming, students must ensure evidence relating to the specification has been complied and downloaded to disc or USB drive.
- We will not find out which students have been selected for moderation day until late February at the earliest. The exact date will be confirmed by OCR at this point too, we anticipate either late March or late April.

Paper 2

Socio-cultural issues and sports psychology Wednesday 13th May

Paper 1 Physical factors affecting performance Friday 15th May Please be aware for revision purposes and management of time paper 2 will be the first paper students will sit.

GCSE DANCE

Theoretical aspect (40%)

- Students must continue to review their specification checklist to highlight any gaps in knowledge.
- Intervention will be offered once the practical exam has been completed.

<u>Written paper</u> Dance appreciation **Thursday 11th June**

Practical aspect (60%)

- Intervention will continue on a Wednesday lunchtime and Wednesday afterschool until 5pm.
- Students must ensure they make the most of any and all opportunities to work on their choreography ahead of the exam on Tuesday 17th March.
- Students are expected to attend the Dance Evening on Wednesday 11th March. This is an excellent opportunity for students to prepare for their exam the week later and to share their hard work with family, carers and friends.
- The performance moderation date is yet to be confirmed but we anticipate early May.

Choreography exam Tuesday 17th March