GCSE CORE SUBJECTS SUPPORT INFORMATION

GCSE ENGLISH

Bishop Rawstorne Church Of England Academy

A National Support School

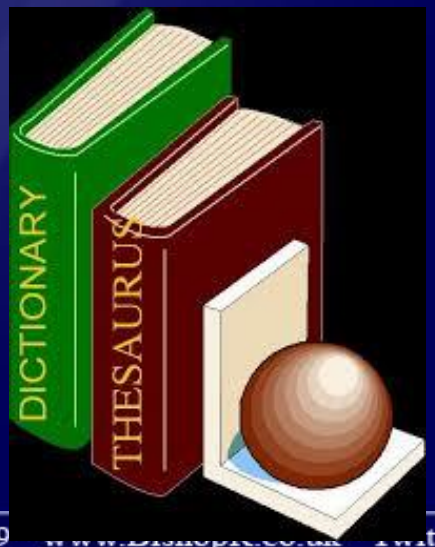
- All students sitting language and literature (EDUQAS)
- 100% exam – no coursework/controlled assessments
- Externally assessed at the end of year 11 although a number of students will be sitting English literature at the end of Year 10
- Increased amount of time in exams
- Untiered
- Shakespeare included in the exam
- Grades 1-9 (4=C in 2017)

English Language • Reading • Writing 1 hr 45 mins 40% of qualification	**Component 1**, Section A Reading 20th century literature – 1hr
	Component 1, Section B Writing – one creative piece – 45 mins
English Language • Reading • Writing 2 hrs 60% of qualification	**Component 2**, Section A Reading two unseen non-fiction texts, one from 19th century – 1hr
	Component 2, Section B Writing – two transactional pieces – 30mins each
Speaking and Listening	Component 3, Spoken Language Not part of final grade but will be reported on as part of qualification PASS , MERIT, DISTINCTION.

English Literature • Shakespeare • Poetry 2hrs 40% of qualification	**Component 1**, Section A Shakespeare – 1 hr
	Component 1, Section B Poetry from 1789 to present day – 1 hr
English Literature • Post-1914 drama/prose • 19th Century Prose • Unseen Poetry 2hrs 30min 60% of qualification	**Component 2**, Section A Post-1914 Prose/Drama – 1 hr
	Component 2, Section B 19th Century Prose – 1 hr
	Component 2, Section C Unseen Poetry from 20th/21st Century – 30 mins

Challenges For Students:

- Reading under pressure – complex texts in timed conditions
- Writing under pressure – technical accuracy
- SPaG (20%) MARKERS UNDERLINE EVERY ERROR
- 3 texts to learn– no open book
- Poetry anthology
- Amount to revise
- Exam technique



To maximise their potential, students must be proactive!

- ✓ READ, READ, READ – at least 30 minutes a day and a range of texts, fiction and non-fiction. Reading age of papers is 15+.
- ✓ Watch the news – know what is happening nationally and globally
- ✓ Ensure SPaG is secure – booklet emailed last year
- ✓ Seek support from staff
- ✓ Attend any extra sessions on offer
- ✓ Re-read literature texts repeatedly
- ✓ Complete all homework to the highest standard
- ✓ Organisational skills

- ✓ REMEMBER: English Language is a test of literacy skills acquired over time coupled with exam technique; English Literature is this too but knowledge of the texts is essential.

How we can help

- ✓ We offer intervention sessions e.g. at lunch, after school
- ✓ We provide additional resources especially on SPaG
- ✓ Tailored after school revision sessions are offered. Year 10 early entry classes will be asked to commit to an extra hour after school each week
- ✓ Reading initiatives
- ✓ Theatre trips
- ✓ Teaching of the highest quality - proven track record

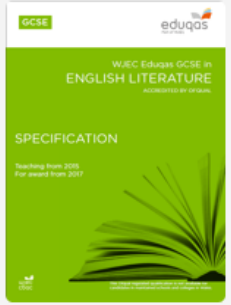
USEFUL WEBSITES TO AID REVISION

- http://www.wjec.co.uk- for past papers
- http://www.englishbiz.co.uk -for revising grammar and the writing tasks
- http://www.gcse.com/english/ - for general English skills
- http://www.bbc.co.uk/schools/gcsebitesize/english/ - for reading of non-fiction, writing and literature
- http://www.bbc.co.uk/skillswise/english - for grammar, spelling, punctuation and sentence construction
- http://www.s-cool.co.uk/ - for basic revision tips
- http://www.revisionworld.com/ - for English Language and Literature
- https://www.**seneca**learning.com for all subjects
- https://**quizlet.com – learning tools and flashcards for free**
- https://**www.sparknotes.com for all literature texts**

Eduqas Resources

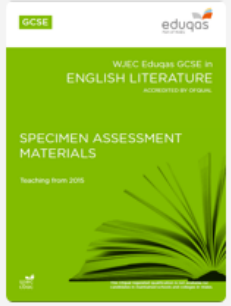
http://eduqas.co.uk/qualifications/english-literature/gcse/

Specification and SAMs | Teacher Training | Books | Digital Resources | All Course Materials



GCSE English Literature Specification

Our GCSE (9-1) English Literature specification has been accredited by Ofqual. The specification is available to teach in schools and colleges in England from September 2015.



GCSE English Literature SAMs

The specimen assessment materials include exemplar question papers and mark schemes.

http://eduqas.co.uk/qualifications/english-language/gcse/

Specification and SAMs | Teacher Training | Books | Digital Resources | All Course Materials

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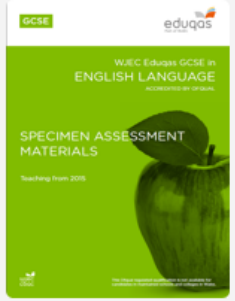


GCSE English Language SAMs

The specimen assessment materials include exemplar question papers and mark schemes.

Additional assessment materials – Component 1 (1)

Additional assessment materials - Component 1 (2)

Additional assessment materials – Component 2 (1)

Additional assessment materials – Component 2 (2)

What now…

PLEASE CALL IF UNSURE

All of the English faculty are happy to help with any queries regarding examinations, revision and homework.

Mathematics

Bishop Rawstorne Church Of England Academy

A National Support School

Do Students begin GCSE studies in Year 9?

- Advanced pathway

Calculating	12 hours
Key concepts	**The Big Picture**: Calculation progression map

- calculate with roots, and with fractional indices
- calculate with standard form A × 10^n, where 1 ≤ A < 10 and n is an integer (ALSO 8*)
- apply and interpret limits of accuracy including upper and lower bounds
- calculate exactly with surds
- change recurring decimals into their corresponding fractions and vice versa
- set up, solve and interpret the answers in growth and decay problems, including compound interest

- Higher pathway

Calculating	
Key concepts	**The Big Picture**: Calculation progression map

- calculate with standard form A × 10^n, where 1 ≤ A < 10 and n is an integer
- apply and interpret limits of accuracy, including upper and lower bounds (NEW)
- calculate with roots, and with fractional indices (NEW)
- calculate exactly with surds (NEW)
- change recurring decimals into their corresponding fractions and vice versa (ALSO 8)

Do Students begin GCSE studies in Year 9?

- Intermediate pathway

Calculating

Key concepts **The Big Picture**: Calculation progression map

- apply the four operations, including formal written methods, to integers, decimals and simple fractions (proper and improper), and mixed numbers – all both positive and negative
- use conventional notation for priority of operations, including brackets, powers, roots and reciprocals
- calculate with roots, and with integer indices
- use inequality notation to specify simple error intervals due to truncation or rounding
- apply and interpret limits of accuracy

- Foundation pathway

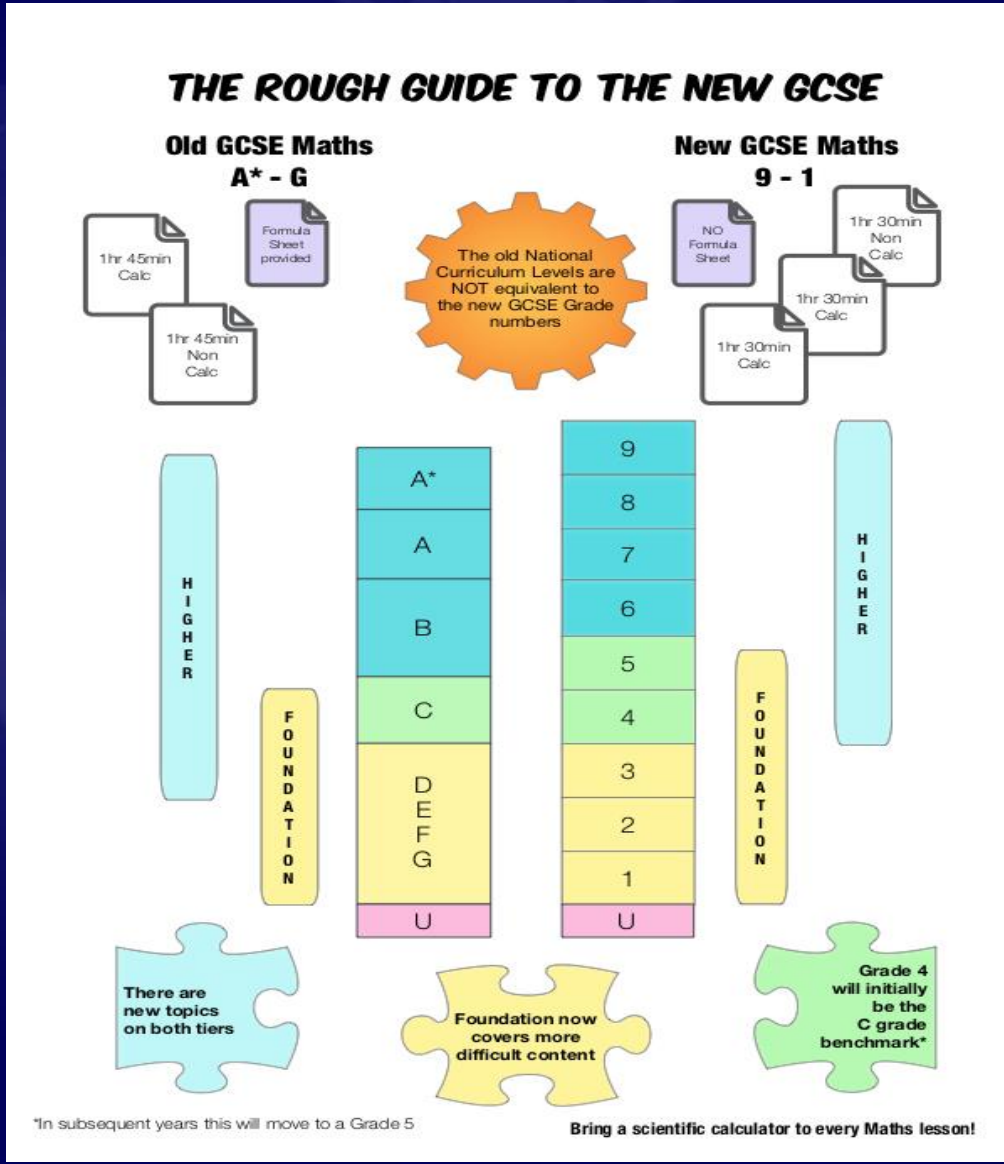
Calculating

Key concepts **The Big Picture**: Calculation progression map

- apply the four operations, including formal written methods, to integers, decimals and simple fractions (proper and improper), and mixed numbers – all both positive and negative
- use conventional notation for priority of operations, including brackets, powers, roots and reciprocals
- calculate with roots, and with integer indices (NEW)
- calculate exactly with multiples of pi (NEW)
- calculate exactly with fractions

How has the GCSE in Mathematics changed?

Standard Pass?



Strong Pass?

Hegarty Maths

17.2 hrs

Total time spent on quizzes

Total time watching videos

20.1 hrs

15 hrs

Total time doing Fix Up 5s

Time spent in total

52.3 hrs

Number of questions answered

1219

Questions answered correctly

1096

Weekly Quizzes

- LOW-STAKES
- Test conditions – no peeking or talking!
- Students can look at independent study book allowed
- Takes place on most Monday's
- Out of 25
- 25 minutes
- Mainly calculator
- Self or peer marked
- Feedback straight after

- Scores recorded – may be shared at parents evening but not formally through tracking – LOW STAKES!
- Less than 40% - teachers will provide support
- Points will be awarded
- Hegarty Maths will help with some aspects of the quiz
- Based on topics students were taught 3 weeks ago and six weeks ago
- They still still sit 3 formal assessments per year

MATHEMATICS SUPPORT AVAILABLE

- Homework Club EVERY lunchtime
- 1:20pm – 1:50pm in M6
- Students have a full week to complete homework
- Online feedback – regular responses to any questions raised
- 1 : 1 support with homework
- Assessment follow up with targeted areas for development
- Maths Watch – assessment preparation
- Hegarty Maths – quiz preparation and post assessment

Formal Assessments: MathsWatch – Revision Schedules

« 1 2 3 4 5 6 7 8 9 10 »

Marks 0 out of 4 Attempts: 3 | Show Answers

Work out the answers to:

a) 3.2 × 6

b) 8.5 × 0.2

c) 2.7 × 5.9

d) 0.32 × 0.16

a) 19.10

b)

c)

d)

90%

Question Feedback

MR HOSKER
18 Sep 2018, 10:32 AM

Your Message

Add Feedback

AFL sheet – electronic copy

BISHOP RAWSTORNE ACADEMY- FACULTY OF MATHEMATICS

Stage 9 Summer Assessment: AFL Sheet

When completed save as:

Surname, **First name**, Stage 9 star summer assessment, **Teacher**

and then email to your teacher.

Indicates that this section must be filled in.

Teacher: Mr Hosker

Name:

Q.	Skills	Topic	Mastery Code		RAG	Possible Mark	Hegarty Maths Clips
	Calculator						
1	Generate terms of a sequence	Algebra		4	g	4	198
2	Factorise a quadratic equation	Algebra		2	g	2	223
3	Calculate an amount using direct or inverse proportionality	Number		4	g	4	339, 342
4	Bisect an angle	Shape		2	g	2	661
5	Reverse percentages and compound interest	Number		0	a	4	94, 96
6	List all the congruency criteria for triangles	Shape		3	g	4	682
7	Calculate the area of a sector	Shape		3	g	3	546
8	Find the perimeter of a sector	Shape		3	g	3	544
9	Use Pythagoras' Theorem	Shape		2	g	2	498, 499
10	Find the surface area of a cylinder	Shape		0	a	3	585
11	Draw a plan view	Shape		1	g	1	
12	Find a missing length in similar triangles	Shape		2	g	2	611
13	Use Pythagoras' Theorem	Shape		2	g	3	498, 499
14	Find the volume of prisms	Shape		4	g	5	568
15	Interpret a scatter graph	Statistics		1	a	3	453
16	Construct and use a tree diagram without replacement	Probability		2	g	4	368
17	Evaluate a statement about sample size in an experiment	Probability		1	g	2	394
18	Find a bearing	Shape		0	a	2	492
19	Calculate an angle in a right angled triangle using trigonometry	Shape		0	a	3	510, 511
20	Interpret a cumulative frequency graph	Statistics		1	a	2	437
21	Error intervals	Number		1	g	2	137
			Total	38		60	

P – Progress: Areas in which you have done well

Q.	Skill
5	Expand and simplify double brackets
17	Construct a locus of points
14	Find the volume of prisms

A & R – Action & Response : Identifying gaps in your knowledge

Q.	Skill	Hegarty Clips
6	Complete an algebraic proof	325
8	Find the equation of a function given 2 points	209
16	Find the equation of a line given the gradient and a point	211

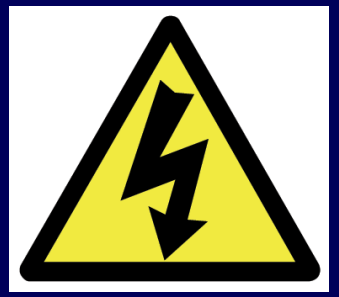
ADDITIONAL SUPPORT

- All members of the Mathematics department will gladly support any student who needs any extra help with homework or topics covered in class, or any topics they are currently revising.
- JUST ASK!

"I couldn't do my homework because my computer has a virus and so do all my pencils and pens."

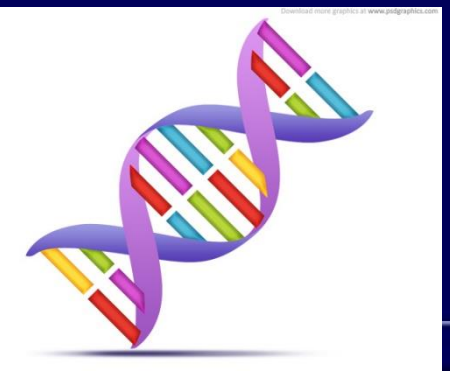
KS4 Science

Mrs L Petts
Curriculum Leader, Science



KS4 science is taught by specialist teachers to inspire and challenge students of all abilities and aspirations.

Double award science	Separate/ triple science
AQA GCSE Combined science-trilogy	AQA GCSE Biology AQA GCSE Chemistry AQA GCSE Physics

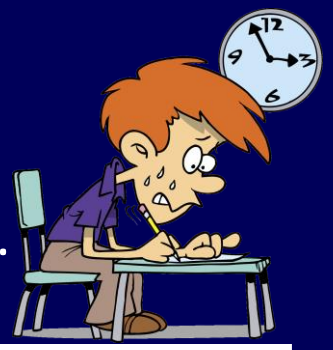


GCSE Combined science- Trilogy

- Combined science GCSE is worth **two** GCSEs. Pupils will be awarded with GCSE numbers such a 9,9; 9,8; 7,6 etc.
- Pupils will be taught topics of Biology, Chemistry and Physics by two science teachers.
- Pupils will take all exams at the end of Year 11 (There are no exams in Y10 and no resits are allowed).
- Pupils will have five science lessons per week.

Combined science- Assessment

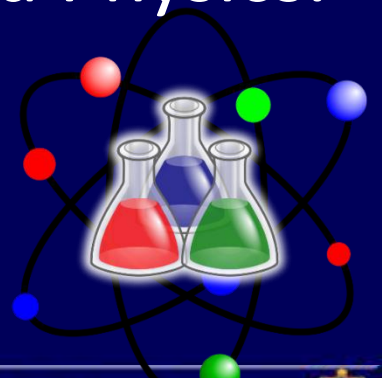
- There are six exam papers: two biology, two chemistry and two physics. Each of the papers will assess knowledge and understanding from distinct topic areas and practicals.
- Each exam is 1 hour 15 minutes long, have 70 marks and are worth 16.7% of the GCSE.
- Exams can be taken in higher tier (4,4 - 9,9) and foundation tier (1,1 - 5,5) but not mixed.



Exam	What will it cover?
Biology paper 1	Cell Biology; Organisation; Infection and response; and Bioenergetics.
Biology paper 2	Homeostasis and response; Inheritance, variation and evolution and Ecology.
Chemistry paper 1	Atomic structure and the periodic table; Bonding, structure, and the properties of matter; Quantitative chemistry; Chemical changes and Energy changes.
Chemistry paper 2	The rate and extent of chemical change; Organic chemistry; Chemical analysis; Chemistry of the atmosphere and using resources.
Physics paper 1	Energy; Electricity; Particle model of matter; Atomic structure.
Physic paper 2	Forces; Waves; Magnetism and electromagnetism.

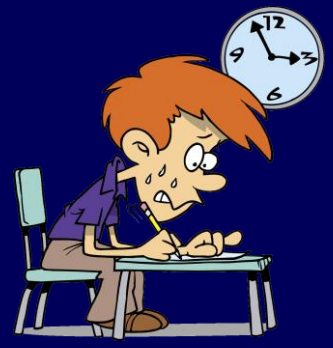
Separate Science

- Pupils will work towards **three** GCSEs, one in each science subject, Biology; Chemistry & Physics. Pupils will get a separate GCSE number for each subject. E.g. Biology 7, Chemistry 8, Physics 7.
- Pupils will take all exams at the end of Year 11 (There are no exams in Y10 and no resits are allowed).
- Pupils will have different teachers for Biology, Chemistry and Physics.
- Pupils will have seven lessons per week.



Separate Science- Assessment

- There are two exam papers for each subject (so, six in total). Each of the papers will assess knowledge and understanding from distinct topic areas and practicals.
- Each exam is 1 hour and 45 minutes long, have 100 marks and are worth 50% of the GCSE



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Physics paper 1	Energy; Electricity; Particle model of matter; Atomic structure.
Physic paper 2	Forces; Waves; Magnetism and electromagnetism; Space physics

Core practicals

- The new GCSEs have no coursework or controlled assessments however pupils are required to cover core practicals.

- Over the course of the GCSE pupils will develop their investigative skills and master practical techniques to help them to carryout and answer exam questions on the core practicals.

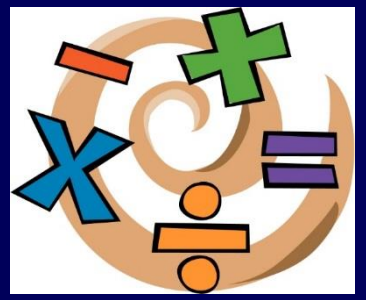
- Knowledge of the core practicals will be assessed in the exams at the end of the course. At least **15%** of the marks will be on core practicals.

What else will the GCSE exams assess?

- As well as assessing scientific knowledge and investigative skill the GCSE exams will contain questions which will assess mathematical skill. The mathematical challenge of science GCSEs has increased. On some papers 30% of the marks come from maths questions.

- Pupils are also required to **recall and use** up to 22 different physics equations. Another 12 will be given to them in the exam.

- There will be plenty of opportunity for pupils to develop these skills throughout the course.



How will progress be monitored?

- Whether your child is taking combined science or three separate science GCSEs they will have regular assessments to monitor their progress. These will be communicated using the SIMs app. Dates are also available on the science section of the school website.

- Assessments are teacher assessed and kept in school in pupils assessment folders. Pupils will receive feedback on their assessments.

Homework

- Pupils will be given a varied diet of science homework tasks dependent on their year group. Examples of science homework may include questions to support classwork, past examination questions, spellings, revision, completing investigation reports, research or an extension piece of literacy/maths/creative work. Pupils will regularly be set science homework to complete online at www.kerboodle.com.

- Homework will usually be peer or self-assessed in class. Pupils will receive verbal feedback on their homework where appropriate. All teacher assessed work, including tests and core practicals, will be kept in school in.

What do pupils need to do to be successful?

Pupils need to always bring the following equipment to every lesson: pen, green pen, pencil, ruler, rubber, calculator. No excuses!

Pupils will need to buy A4 folders for their work. One for each subject to keep at home. They need to be kept organised- file dividers are a really good idea.

Pupils should bring to school the unit of work they are currently working on, once completed it can be kept at home.

Good attendance is vital. If pupils miss a lesson it is their responsibility to make sure they copy up missed work, preferably before the next lesson.

Revise for each end of unit assessment.

How can we/you help pupils to succeed?

- Pupils should always ask for help if they are unsure or struggling. Class teachers are always available to go through work with pupils.
- Homework club – every lunchtime in S7
- Online support – www.kerboodle.com
- Learn key vocabulary/definitions
- ‘What you need to know’ booklet - revision
- CGP Revision guides/workbooks – on sale shortly