

“ His nature is such that he has to be drawn out by kindness and encouragement but if he be treated well, and love be shown him, he will accomplish things that make the whole world wonder. ”

Michelangelo, describing himself as a young art student in 1490AD

Year 11 Parent Briefing



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Welcome, Reformed GCSEs and The Race

Mr Downs

GCSE Grading Structure in 2017

Ofqual

Grading new GCSEs from 2017

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

GOOD PASS (DfE)
5 and above = top of C and above

AWARDING
4 and above = bottom of C and above

In the first year, the same proportion of students achieved a grade 7 and above

as previously got an A and above

achieved a grade 4 or above

as previously got C and above

achieved a grade 1 or above

as previously got G and above

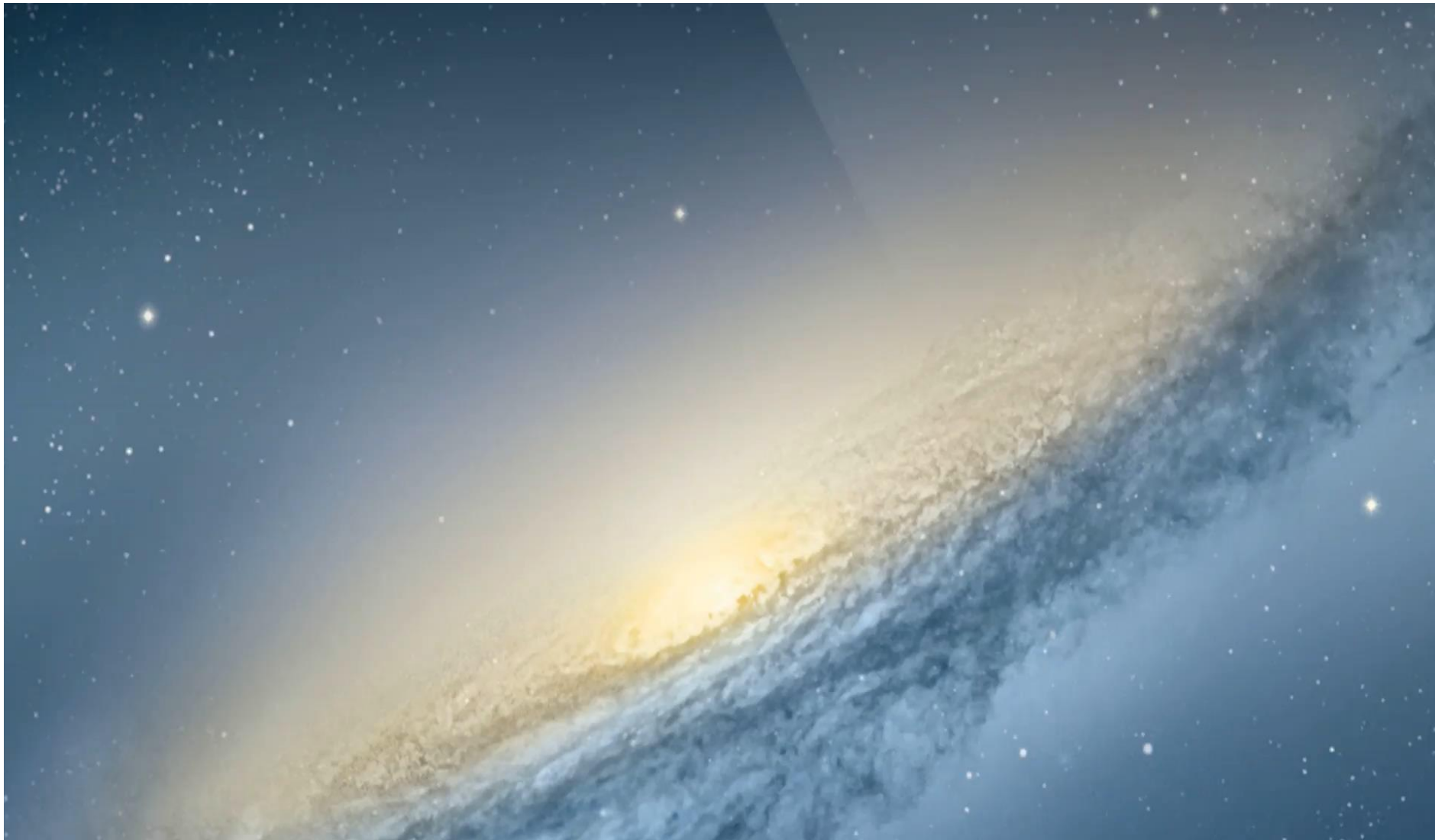
OFQUAL Briefing

GCSE Grading Structure in 2018

STRONG PASS

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

'The Race' – Comparable Outcomes



Achievement & Attendance

Attendance & Average Grade (Attainment across 8 Subjects)	
Above 97%	B+
93%-97%	B
90%-93%	C
85%-90%	D
Below 85%	E-

Students in the 97%+ Attendance group made over 30% more progress in subjects than those in the 90%+ group.

Average Grade (all subjects and all students)	
Above 97%	B
93%-97%	B-
90%-93%	C
85%-90%	D
Below 85%	E

Nearly a third of a grade more across each of their Progress 8 subjects.

90% Attendance – one whole day off per 2 week timetable cycle or OVER a month off in a school year



Highcliffe School

11-18 Academy



Key Dates – Year 11 2017-18

Mr Goddard

SEPTEMBER

- 6th Form Launch assembly
- 25th - 6th Form seminar sign up week
- 26th - Support Seminar
- 28th – Curriculum Seminars start (new subjects)

OCTOBER

- 6th – Progress Check 1 published
- 9th – MFL Writing Assessments start
- 9th – English Speaking Assessments start
- 12th – 6th Form Open Evening
- 17th – Taster Day launch

NOVEMBER

- 9th – Revision Skills Day
- 10th – 6th Form Taster Day
- 13th – 6th Form Curriculum Seminars (existing subjects)
- 22nd – Oxbridge Evening

DECEMBER

- 1st – 6th Form application deadline
- 4th – Internal Examinations start

JANUARY

- 10th – Internal Results Day
- 12th – Profiles Issued
- 17th – 6th Form Interviews start
- 18th – Subject Evening
- 29th – MFL Writing Assessments

FEBRUARY

- 5th – English/Maths Wave Examinations start
- 7th – Examination Re-sits
- 20th – Top Universities Evening

MARCH

- 2nd – GCSE Course Completion
- 19th – Technology examinations start

MAY

- 8th – External Examinations start

JUNE

- 28th- Celebration Assembly and Summer Ball

JULY



AUGUST



**KEEP
CALM**

AND HOPE THAT

**EXAM RESULTS
WILL BE GOOD**

SEPTEMBER





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Year 11 Presentation evening

Science – Ms Cullen

New Science GCSEs

- 9 -1 grades
- All linear examinations
- 6 exams, 2 for each science subject
- No coursework, students practical knowledge tested in examinations (15% of questions)
- Emphasis on;
 - the application of science knowledge
 - analysing, interpreting and evaluating skills
 - maths skills

AQA Combined Science Trilogy

- 2 examinations for each subject, each 1 hour 15 minutes in duration and worth 16.7% of course
- 2 GCSE grades awarded

Biology

Paper 1

Topics: Cell Biology, Organisation, Infection and response, Bioenergetics

Tuesday 15th May 2018 pm

Paper 2

Topics: Homeostasis & Response, Inheritance, Variation & Evolution, Ecology

Monday 11th June 2018 am

Chemistry

Paper 1

Topics: Atomic Structure & Periodic Table, Bonding, Structure & properties of Matter, Quantitative Chemistry, Chemical Changes, Energy Changes

Thursday 17th May 2018 am

Paper 2

Topics: Rate and exchange of chemical change, Organic Chemistry, Chemical Analysis, Chemistry of the Atmosphere, Using Resources

Wednesday 13th June 2018 am

Physics

Paper 1

Topics: Energy, Electricity, Particle Model of Matter, Atomic Structure

Wednesday 23rd May 2018 pm

Paper 2

Topics: Forces, Waves, Magnetism and Electricity

Friday 15th June 2018 am

AQA Separate Sciences; Biology, Chemistry & Physics

- 2 examinations for each subject, each 1 hour 45 minutes in duration and worth 50% of course
- 3 GCSE grades awarded, 1 for each subject

Biology

Paper 1

Topics: Cell Biology, Organisation, Infection and response, Bioenergetics

Tuesday 15th May 2018 pm

Paper 2

Topics: Homeostasis & Response, Inheritance, Variation & Evolution, Ecology

Monday 11th June 2018 am

Chemistry

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Topics: Atomic Structure & Periodic Table, Bonding, Structure & properties of Matter, Quantitative Chemistry, Chemical Changes, Energy Changes

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Physics

Paper 1

Topics: Energy, Electricity, Particle Model of Matter, Atomic Structure

Wednesday 23rd May 2018 pm

Paper 2

Topics: Forces, Waves, Magnetism and Electricity, Space Physics

Friday 15th June 2018 am

New Style Exam Questions

03 . 2 A 60-year-old woman has chest pains.

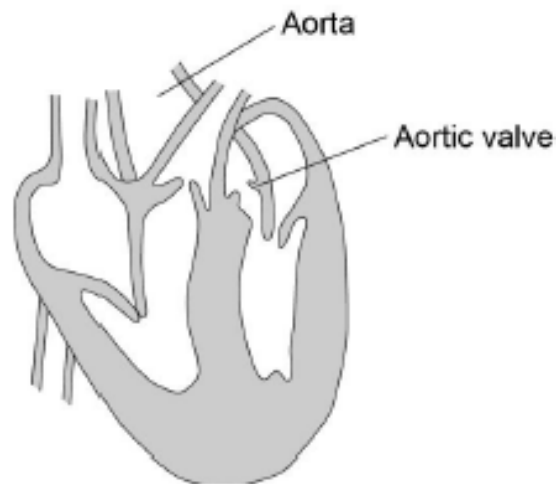
The pain is worse when she walks, and she often feels tired.

The woman has aortic valve stenosis.

A valve with stenosis has become stiff and narrow.

Figure 4 shows the position of the aortic valve.

Figure 4



Explain why aortic valve stenosis causes chest pains.

[3 marks]

New Style Exam Questions

0 1 . 2

Describe a method you could use to obtain crystals of potassium nitrate from potassium nitrate solution.

You should include an explanation of how the crystals are produced from the solution.

[6 marks]

New Style Exam Qs

- 0 1 . 4 Write down the equation that links gravitational field strength, gravitational potential energy, height and mass. [1 mark]

- 0 1 . 5 The bar has a mass of 180 kg.

The powerlifter raises the bar 2.1 m.

gravitational field strength = 9.8 N/kg

Calculate the increase in the gravitational potential energy store.

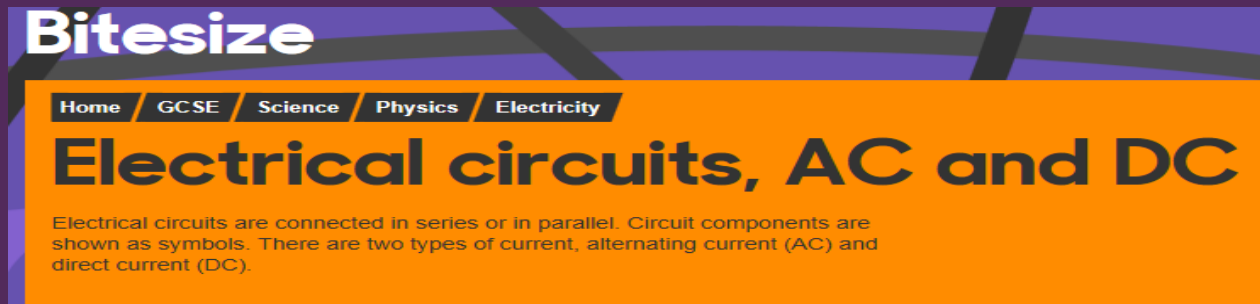
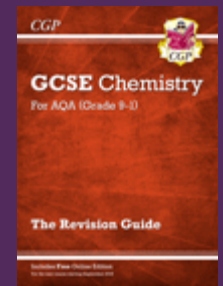
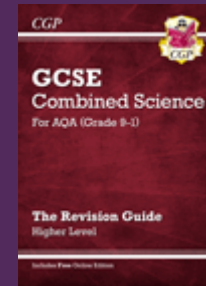
Give your answer to two significant figures.

[2 marks]

Increase in gravitational potential energy store = _____ J

How can you support your child?

- Collins online learning digital textbook on MyHighcliffe
- Revision guides
- BBC Bitesize activities and tests



- Physics formulae in planner

How can you support your child?

- Reviewing Y10 work regularly, to keep on top of content
- Using checklists given for each topic to ensure revision is completed
- Producing revision resources, not just copying out of a book or reading. Revision needs to be active eg making flash cards of keywords and definitions
- When testing them, ask them to explain concepts, rather than just recall facts



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Year 11 Presentation evening

English – Mrs Keyworth

AQA GCSE English Language (8700)

- Speaking & Listening
- Individual Presentation
- Paper 1: Explorations in Creative Reading & Writing (50%) – 1hr 45 minutes
 - Reading Literary Fiction
 - Descriptive or Narrative Writing
- Paper 2: Writers' Viewpoints and Perspectives (50%) – 1 hr 45 minutes
 - Reading Non-Fiction & Literary Non-Fiction
 - Writing to Present a viewpoint

Paper 1: Overview

QUESTION	MARKS	TIME	STUDENT KNOWLEDGE & SKILLS
		15 mins	READING the QUESTIONS and TEXTS closely
1	4	5 mins	FINDING and LISTING four key pieces of INFORMATION
2	8	10 mins	ANALYSING how and why the writer uses LANGUAGE & LANGUAGE TECHNIQUES
3	8	10 mins	ANALYSING how and why the writer uses STRUCTURE
4	20	20 mins	PRESENTING a clear OPINION of the writer's METHODS
5	40	45 mins	WRITING a DESCRIPTIVE or NARRATIVE piece which: <ul style="list-style-type: none">▪ communicates clearly▪ organises information▪ includes a range of vocabulary & sentences▪ demonstrates accurate spelling and punctuation

Paper 2: Overview

QUESTION	MARKS	TIME	STUDENT KNOWLEDGE & SKILLS
		15 mins	READING the QUESTIONS and TEXTS closely
1	4	5 mins	IDENTIFYING four <i>TRUE</i> STATEMENTS
2	8	8 mins	SUMMARISING and SYNTHESISING the differences between the texts using EVIDENCE and INFERENCE
3	12	12 mins	ANALYSING how and why the writer uses LANGUAGE & LANGUAGE TECHNIQUES
4	16	20 mins	COMPARING the writers' ATTITUDES and METHODS
5	40	45 mins	WRITING an OPINION essay which: <ul style="list-style-type: none">▪ communicates clearly▪ organises information▪ includes a range of vocabulary & sentences▪ demonstrates accurate spelling and punctuation

Top Tips

- Answer all the QUESTIONS.
- Spend the correct length of TIME on each question.
- Look for KEYWORDS in the questions.
- Write about the SPECIFIED SECTIONS of the texts.
- Organise your answers into PARAGRAPHS.
- Provide three DEVELOPED PARAGRAPHS in Q2, Q3 & Q4.
- Use SQUID to STRUCTURE your responses to Q2, Q3 & Q4.
- Meet the WRITING BRIEF in Q5.
- Use the full range of PUNCTUATION (! ? - : ;).
- RE-READ your Q5 response to check for clarity and accuracy.

Language Support and Revision

- Use support materials to help consolidate, clarify and extend your understanding: books like the CGP and York Notes guides are helpful, as are websites like BBC Bitesize, also videos such as those on Mr Bruff's YouTube channel.
- Keep up your general reading: discuss what you have read e.g. summarise the content, attitudes and perspectives; consider how the writer made you feel and why.
- Practise writing: even small sections are helpful. Think about how to make your writing attention-grabbing and memorable, particularly the opening.
- Keep and learn a vocabulary list: you can include key terminology from lessons, but also interesting words you come across which you could use in your own writing.
- Identify areas of SPaG you find difficult and practise to get them right. There are lots of books and online resources to help with spelling, punctuation and grammar: the BBC Skillswise website is very straightforward to understand.
- Revisit any previous exam papers you have completed or look at those on the AQA website.

AQA English Literature (8701)

- Paper 1: Shakespeare and the 19th Century Novel (40%) – 1 hr 45 minutes
- Shakespeare Play:
Romeo & Juliet
19th Century Novel: A Christmas Carol
- Paper 2: Modern Texts & Poetry (60%) – 2 hr 15 minutes
- Modern Play: An Inspector Calls
- Poetry Collection: Power & Conflict
- Unseen Poems

Paper 1: Overview

CLOSED BOOK EXAMS – NO TEXTS

- SECTION A: Romeo & Juliet

55 minutes.

An extract to whole text question.

Marked /30 plus 4 marks for SPaG.

- SECTION B: A Christmas Carol

50 minutes.

An extract to whole text question.

Marked /30.

Paper 2: Overview

CLOSED BOOK EXAMS – NO TEXTS

SECTION A: An Inspector Calls - 45 minutes.

A whole text question.

Marked / 30 plus 4 marks for SPaG.

SECTION B: Power & Conflict Poetry - 45 minutes.

Comparison question: 1 printed poem and 1 of choice.

Marked /30

SECTION C: Unseen Poetry - 45 minutes.

Part 1: Responding to a printed poem.

Marked /24

Part 2: Comparing with another printed poem>

Marked /8

Literature Support and Revision

- Read your texts over again. It can be helpful to have your own copy in which to make notes. Make sure you understand the plot, characters, themes and context.
- Make a list of key quotes and learn them.
- Use support materials to help consolidate, clarify and extend your understanding: books like the CGP and York Notes guides are helpful, as are websites like No Fear Shakespeare and BBC Bitesize, also videos such as those on Mr Bruff's YouTube channel.
- Use the PixLit app for revision, but bear in mind that while it is a fantastic resource for helping students to remember key quotations and themes, some features are just going to give one singular interpretation of a quotation. This doesn't necessarily mean your interpretation is invalid, but may just not be the one PixLit had in mind. We encourage students to discuss their interpretations and ideas with peers and teachers, and as always, to strive for thought provoking and insightful inferences. If you have any questions about your revision, please discuss these with your class teacher.
- Keep and learn a vocabulary list: key terminology from lessons.
- Revisit any previous exam papers you have completed or look at those on the AQA website.

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Year 11 Presentation evening

Mathematics – Mr Burgan



Mathematics GCSE

- GCSE is now 3 papers, 1 non calculator and 2 calculator papers, no coursework
- Edexcel examination board
- Higher Tier levels 4 to 9 Foundation Tier Level 1 to 5
- Each Paper will be 1 hour 45 minutes
- More content in the scheme of work than previous Maths specifications
- Large emphasis on Problem solving skills in a variety of contexts
- Mathematical notation from previous A level now used in GCSE
- More formula needs to be learnt and applied – no longer supplied in examination



Mathematics GCSE Higher question Level 5

A town has three car parks.

South car park has x spaces.

North car park has 48 more spaces than South car park.

Central car park has four times as many spaces as South car park.

The total number of spaces in South car park and Central car park is more than twice the number of spaces in North car park.

Work out the least possible number of spaces in South car park.



Mathematics GCSE Higher question Level 7

f is the function $f(x) = 2x + 5$.

(a) Find $f(3)$.

(b) Express the inverse function f^{-1} in the form $f^{-1}(x) =$

$f^{-1}(x) =$

g is the function $g(x) = x^2 - 25$.

(c) Find $g(-3)$.



Mathematics GCSE Support

- In class emphasis on breaking a problem down into composite parts and picking out the important information
- Use Maths watch, MyMaths, PiXL Maths App and you tube to help with content
- MyHighcliffe has many practice papers and links to online help
- Constant review of skills and application at home and in class
- Diagnostic and analysis of all mock examinations to find each students weak topics
- Lunchtime drop in sessions
- Intervention for select cohorts and students

Thank You

