

Introduction to GCSEs and Work Experience



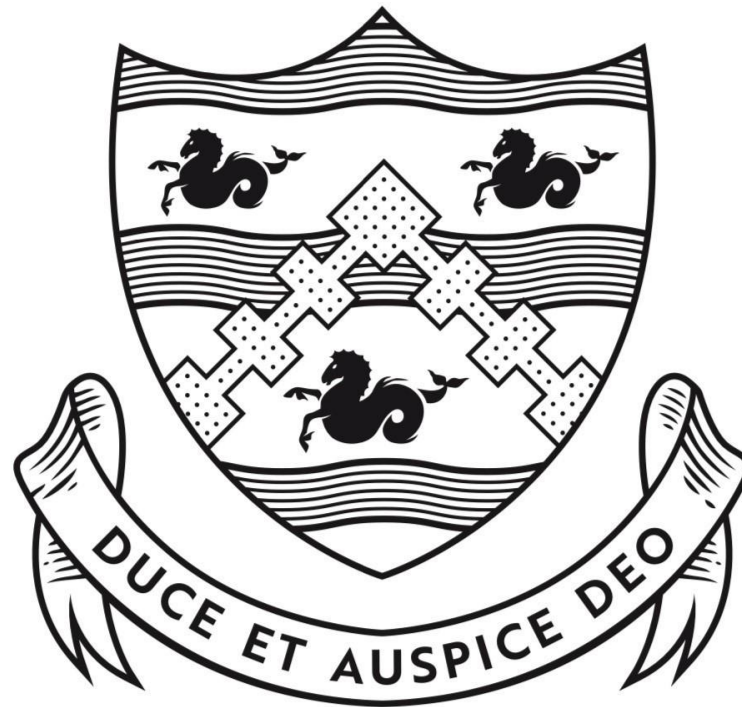
Education is the passport to the future, for tomorrow belongs to those who prepare for it today.

— *Malcolm X* —

AZ QUOTES

Aims of this evening

- ▶ **Introduce key information about GCSEs**
- ▶ **Introduce GCSE study in English, Maths and Science**
- ▶ **To look at how students can be best prepared for their GCSEs**
- ▶ **Introduce Work Experience**



Ambition • Service • Kindness

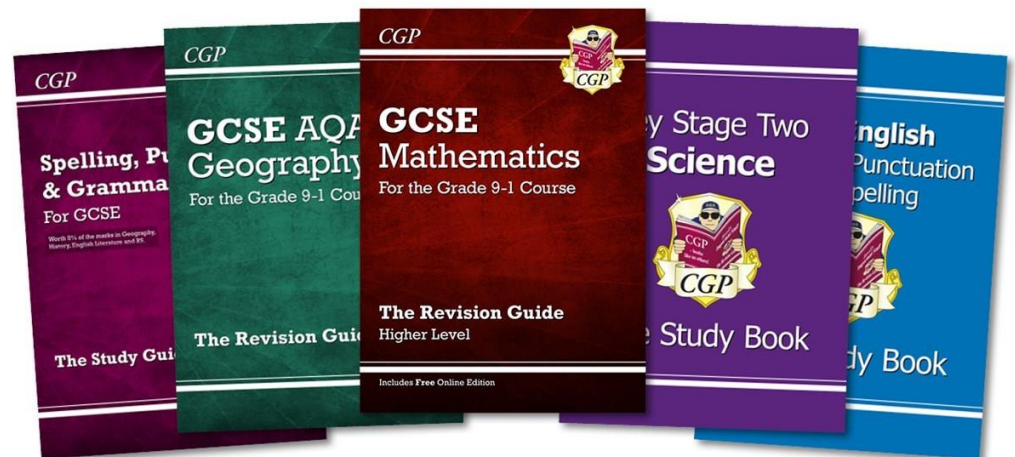
Mr See
Director of Learning and Achievement (KS4)
jsee@beaminster.dorset.sch.uk

- ✓ Broad and balanced curriculum for all students
- ✓ Students approached their options choices extremely well
- ✓ Reminder that students will complete all subjects
- ✓ GCSEs are graded 9-1

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

Revision Guides

- ▶ Available to order centrally from the school
- ▶ Allows us to pass on discounts
- ▶ Don't replace effective revision strategies
- ▶ Do offer students access to key information
- ▶ If you have any concerns please contact your child's tutor in the first instance.



GCSE Maths

Mr Urch

Second in Maths

nurch@beaminster.dorset.sch.uk

9-1 Maths GCSE

- ▶ **First examined June 2017**
- ▶ **Graded 9-1, with 9 being the highest. Currently approximately 3.5% of those who take the GCSE**
- ▶ **Still Higher and Foundation tiers**
- ▶ **Sets 1 & 2 Higher Grades 9-5**
- ▶ **Sets 3-5 Foundation Grades 5-1**

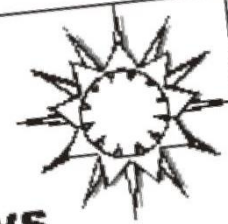
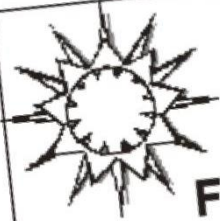
- ▶ **A-level Entry requirement is a Grade 7**
- ▶ **Level 3 Maths in Context requirement is a Grade 5**

► **Key changes:**

- 1. Three exam papers opposed to two**
- 2. One non-calculator paper**
- 3. Multiple choice questions have been removed**
- 4. Adapted to focus primarily on solving problems which require multi-step solutions**
- 5. Maths is still tiered with an 'improved overlapping tiers model', with a foundation tier covering grades 1-5 and a higher tier covering grades 4–9**
- 6. Re-sit opportunities in November are available for Maths**
- 7. Increased focus on ratio and proportions**
- 8. Students will be expected to learn key mathematical formulae by heart**

An example.....

Here is an advert for a summer holiday.



Summer Sun Fantastic deals with Sunbreaks Holidays

Dates	7 nights	14 nights
1 April – 30 April	£315	£575
1 May – 6 July	£220	£400

Notes

- Prices are for one adult (16 years and over)
- Children (less than 16 years) 75% of adult price
- 10% discount if booked online (www.sunbreaks.co.uk)

- (a) Martha books a 14-night holiday in May.
She books for herself, husband Billy and daughter Mary (aged 11).
She books the holiday online.
Explain clearly why the total cost will be £990.

Another example.....

A coffee machine dispenses 130 millilitres of black coffee into cups with a capacity of 175 millilitres.

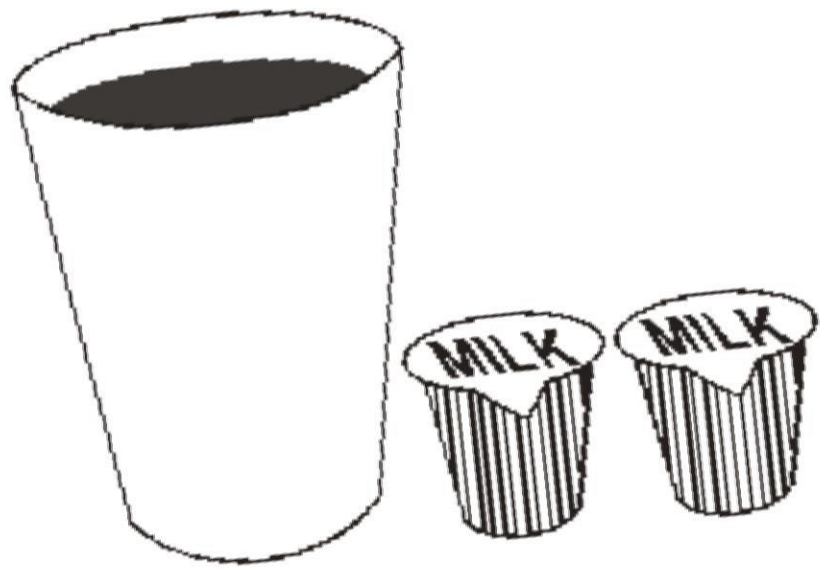
These values are accurate to 3 significant figures.

Milk is supplied in small cartons which contain 21 millilitres, accurate to the nearest millilitre.

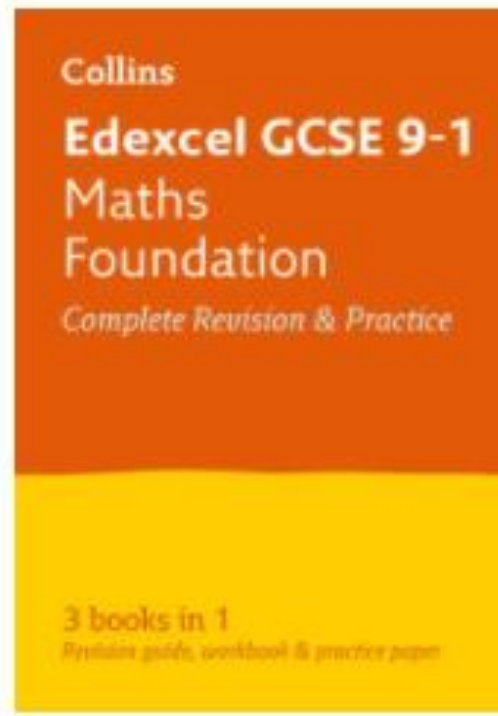
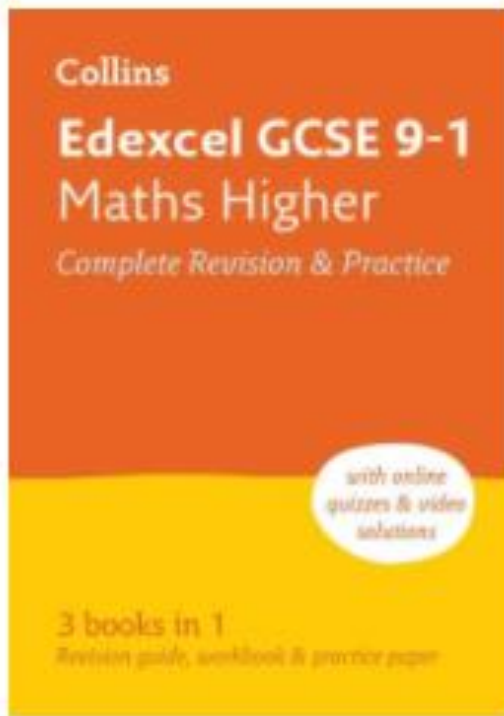
Beryl likes milky coffee and always puts 2 cartons of milk in her coffee.

Will Beryl's cup ever overflow?

You **must** show your working.



Revision Guides



GCSE English

Miss S Rollick

Head of English

SRollick@beaminster.dorset.sch.uk

There are two English GCSEs

Exam board: AQA

- ▶ **English Language**
- ▶ **English Literature**

ENGLISH LANGUAGE

- ▶ **2 exam papers**

- ❑ same format

- ❑ 1h45min

- ▶ **Section A:**

- ❑ Q1-4 (*Reading*)

- ❑ 40/80 marks

- ▶ **Section B:**

- ❑ Q5 (*Writing*)

- ❑ 40/80 marks

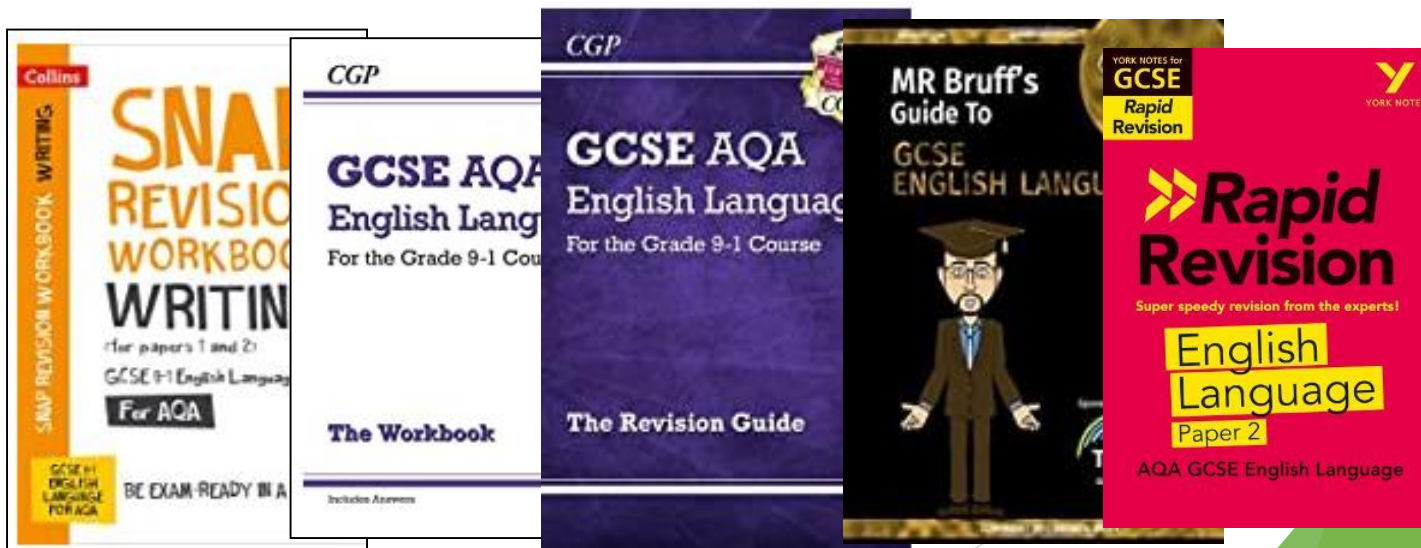
English Language Revision

▶ Past Papers

▶ Practise writing!

- Paper 1 Q5 = creative writing
- Paper 2 Q5 = persuasive writing

▶ Revision Guides + SENECA



English Language Spoken Language Element

- ▶ **Presentation**
- ▶ **Compulsory**
- ▶ **Certificate [P/M/D]**

ENGLISH LITERATURE

▶ 2 exam papers

- Paper 1: 1h45

- Paper 2: 2h15

▶ Paper 1

- 'Romeo and Juliet' + 'A Christmas Carol'

▶ Paper 2

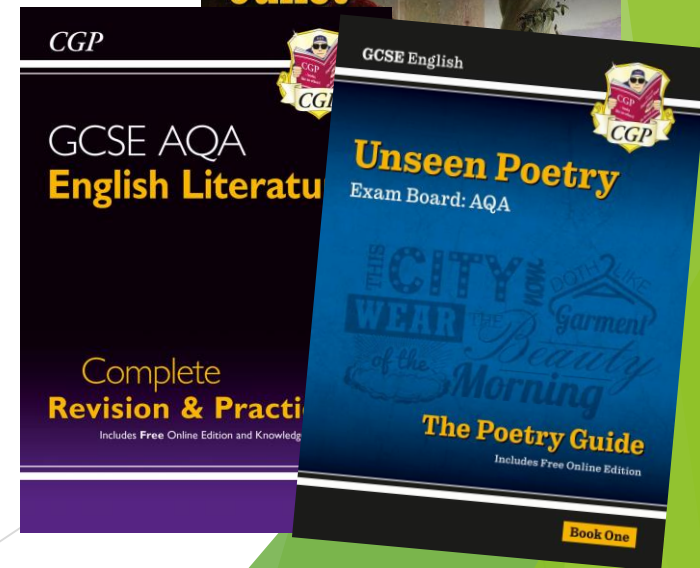
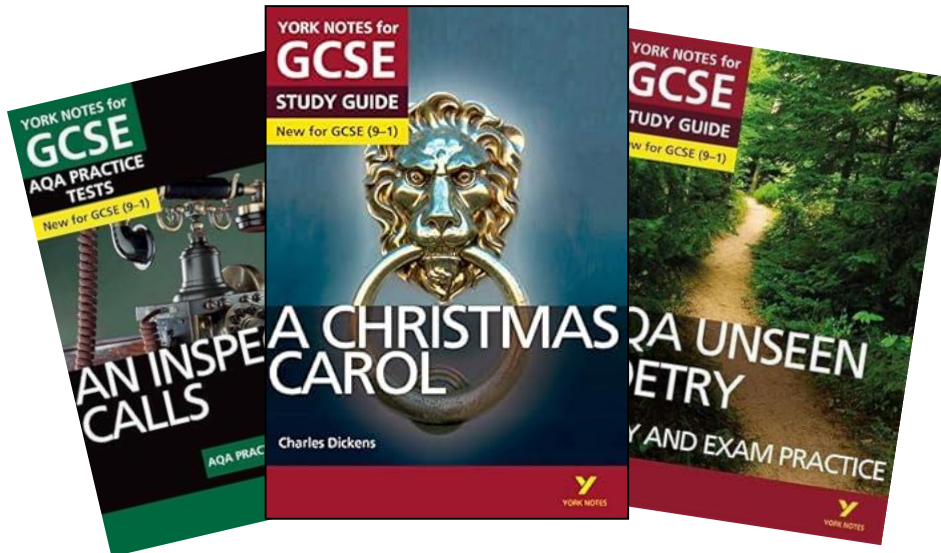
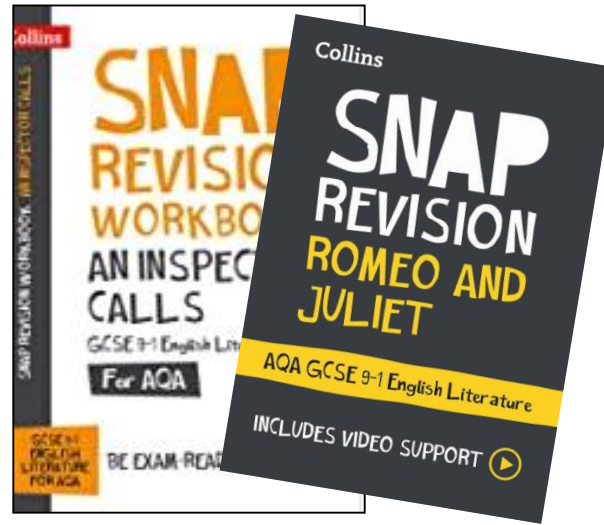
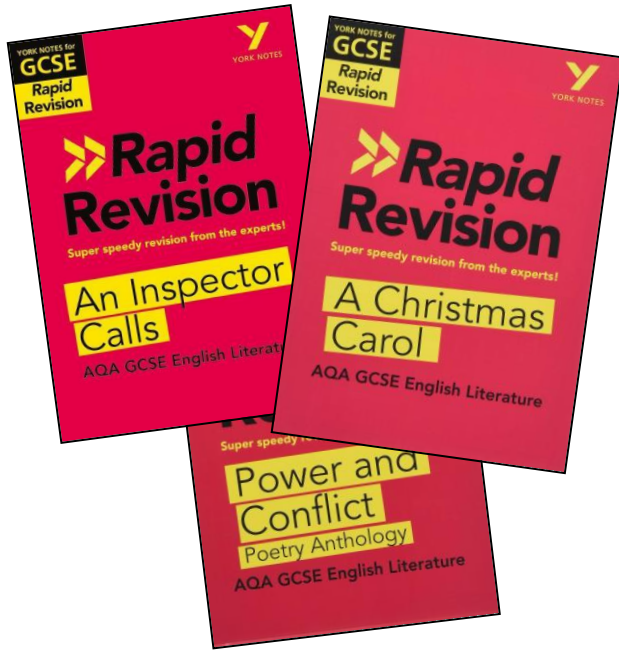
- 'An Inspector Calls'

- Poetry: P+C anthology + unseen poetry

English Literature Revision

- ▶ **Read** '*A Christmas Carol*' in the Christmas holidays
- ▶ **Read** the anthology poems in the February half-term.
- ▶ **Read** '*A Christmas Carol*' in the Easter holidays.
- ▶ **Read** the anthology poems in the May break.
- ▶ **Read** '*Romeo and Juliet*' and '*A Christmas Carol*' in August.
- ▶ Make flashcards of key quotes linked to themes and characters and quotes from the anthology poems; regularly self-test.
- ▶ SENECA

Literature Revision Guides



Next Steps . . .

- ▶ Be in school! **ATTENDANCE** matters!
- ▶ **COMMIT** to your learning: every lesson, every day, every week.
- ▶ **ACTIVELY ENGAGE** with your learning: respond to all feedback; complete weekly homework; regularly revisit your learning; self-test.
- ▶ Buy revision guides now; start using them.
- ▶ Thoroughly **PREPARE** and **REVISE** for all trial exams.

GCSE Science

Mr J Crossland

Head of Science

JCrossland@beaminster.dorest.sch.uk

Choices have been made.

If you have chosen **Double Science** – not science option.

- Exam board: **AQA**
- Course code: **8464**
- Course name: **GCSE Combined Science Trilogy**
- **9** lessons of science a fortnight in core Science time
- **3 Subjects – 2 full GCSEs – Documented as a double grade**
- **Higher tier or Foundation tier**
- **Entry tier is the same for all Sciences**
- Specific Course revision guide



9-9
9-8
8-8
8-7
7-7
7-6
6-6
6-5

5-5
5-4
4-4
4-3

3-3
3-2
2-2
2-1
1-1
U

If you have chosen “Triple Science” – Option block Science

- Exam board: **AQA**
- Course codes: **8461, 8462, 8463**
- Course names: **GCSE, Biology, Chemistry, Physics**
- **14** lessons of science a fortnight in core Science time
- **3 Subjects – 3 full GCSEs – Documented as a single grade per subject**
- **Higher tier and Foundation tier entries can be different in each subject.** 3 Revision guides available

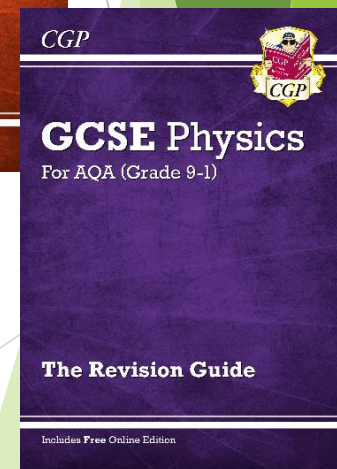
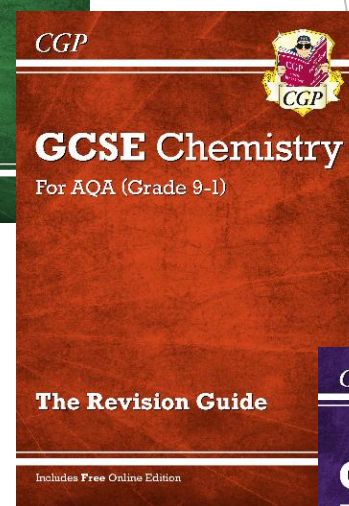
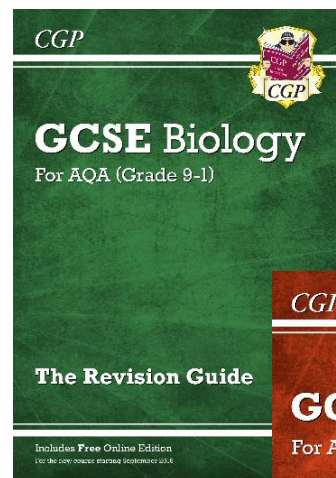
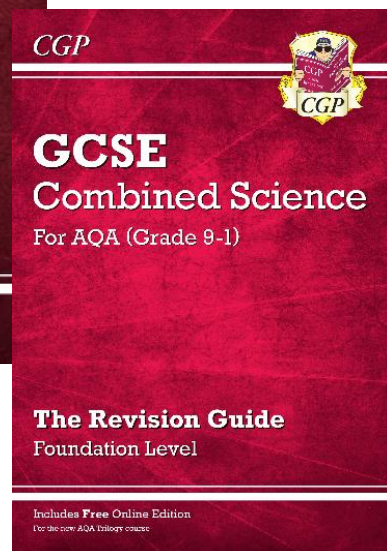
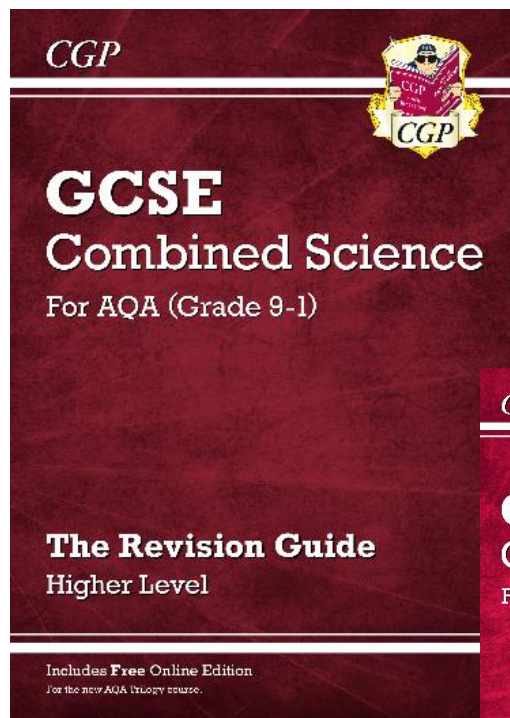


Biology	Chemistry	Physics
9	9	9
8	8	8
7	7	7
6	6	6
-----	-----	-----
5	5	5
4	4	4
-----	-----	-----
3	3	3
2	2	2
1	1	1
u	u	u

Course Content

GCSE Biology topics:	GCSE Chemistry topics:	GCSE Physics topics:
Cell biology	Atomic structure and the periodic table	Energy
Organisation	Bonding, structure, and the properties of matter	Electricity
Infection and response	Quantitative chemistry	Particle model of matter
Bioenergetics	Chemical changes	Atomic structure
Homeostasis and response	Energy changes	Forces
Inheritance	The rate and extent of chemical change	Waves
variation and evolution	Organic chemistry	Magnetism and electromagnetism
Ecology	Chemical analysis	Space Physics
	Chemistry of the atmosphere	
	Using resources	

Revision Guides



Coursework

GCSE Combined Science Trilogy (Double)

24 – Required practical activities “RPAs”

8 Physics

8 Chemistry

8 Biology

GCSE Separate Sciences (Triple)

30 Required practical activities “RPAs”

10 Physics

10 Chemistry

10 Biology

Formally assessed during the end of course examinations.

Attendance is mandatory.

Exams

Course	Examinations
GCSE Combined Science Trilogy over 2 years.	<p>All 6 Trilogy Science Exams will be assessed May/June 2022.</p> <p>There will be 2 Biology exams, 2 Chemistry exams & 2 Physics exams.</p> <p>All exams are available in foundation or higher, but no mixed entry.</p> <p>All exams will be 1¼ hrs, 70 marks and worth 16.7% of the final grades.</p>
3 Science GCSEs (Separate Sciences) Biology, Chemistry & Physics.	<p>Each Science will be assessed in May/June 2022.</p> <p>Each Science will have 2 exams.</p> <p>All exams are available in foundation or higher, but no mixed entry within a singular science.</p> <p>All exams will be 1¾ hrs, 100 marks and worth 50% of the final grade for that science.</p>

Tier of Entry

Choosing a student's tier of entry is an extremely hard challenge for teachers and students.

Higher tier papers allow students to access grades 9 to 4.

Foundation tier papers allow students to access grades 5 to 1

Therefore in order for a student to be entered for higher tier papers teachers will look for a track record of regularly attaining grade 5s or more in assessments.

9-9
9-8
8-8
8-7
7-7
7-6
6-6
6-5

5-5
5-4
4-4
4-3

3-3
3-2
2-2
2-1
1-1
U

Important things to remember

- **The exam board for all science courses is AQA.**
- **There are 2 courses: Separate Sciences & Trilogy.**
- **All students cover the same units**, but the separate science students will go into more depth in some units.
- **All examinations are at the end of Year 11. (No Coursework)**
- Each student should ideally have the correct **revision guide** for their course.
- **Revision/help sessions** are available. See your teachers and ask! Prior to mock exams Thursday lunch sessions.

Be Prepared

- ▶ Know WHAT you need to know
- ▶ Know WHEN you need to know it
- ▶ Know that you KNOW it
 - ▶ Revisit, Review, Revise
- ▶ Know HOW to use it - practise
- ▶ Know WHERE to get help
 - ▶ “If in doubt – shout!”
 - ▶ No problem is insurmountable
 - ▶ Talk to tutors and subject teachers
 - ▶ Take up offers of help





Right attitude

Right from the start

The power of 'yet'

Be ambitious

Aim high

I'm not
telling you
it's going
to be

easy,

I'm
telling you
it's going
to be

WORTH IT.

Attendance

- ▶ **There is a direct relationship between attendance and final GCSE results**
- ▶ **One day off per week = 80% attendance**
- ▶ **DfE research shows that when attendance falls to 90% a pupil will have dropped a grade in their GCSE results.**
- ▶ **Absence means missing key content, support and coursework.**

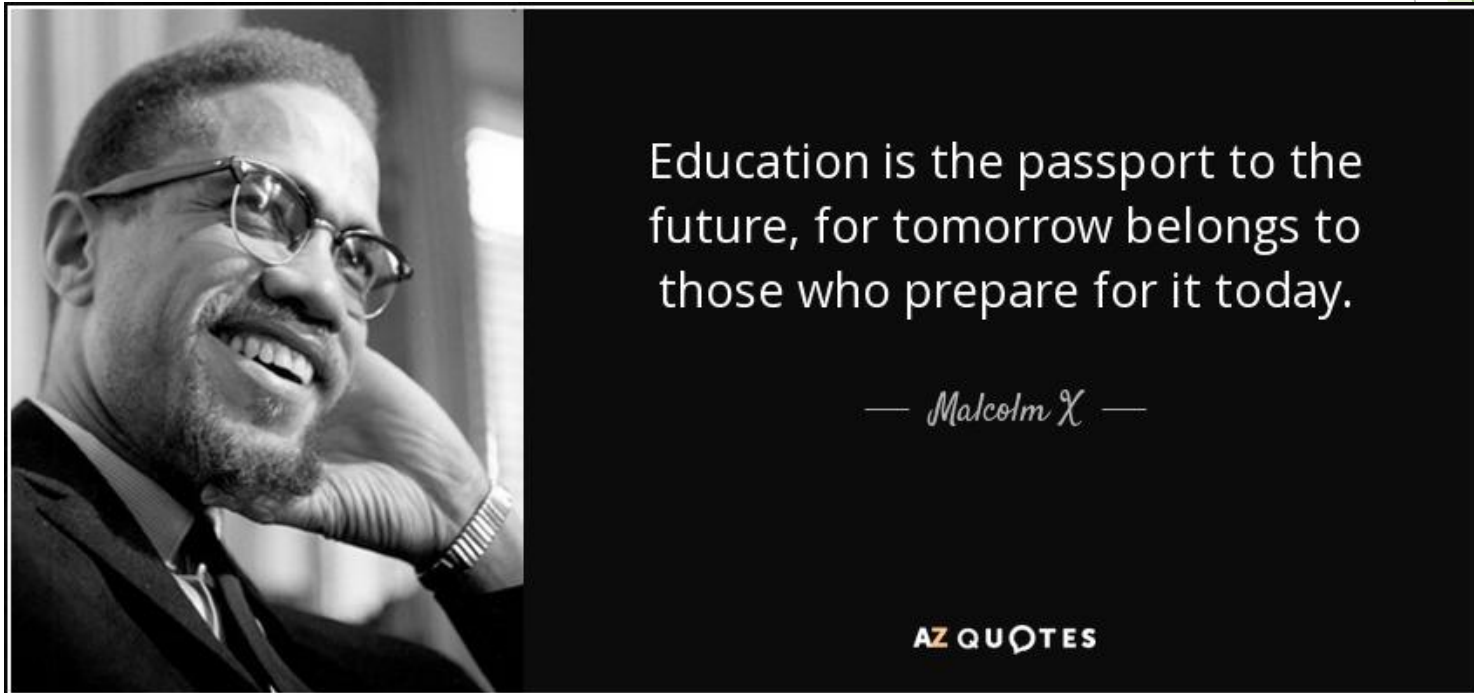
Keep Stress to a Manageable Level

- ▶ **Stress is normal**
- ▶ **You may think that you are alone in facing the pressures of this year**
- ▶ **You aren't – so don't be afraid to ask for help**
- ▶ **Tell teachers about any worries or if you don't understand something**
- ▶ **Parents and Carers, please contact us early if you have any concerns**
- ▶ **Be prepared – practise. Mock exams.**



LAST BUT NOT LEAST

- ▶ Your grades will be result of your hard work.
- ▶ There will be a huge amount of support.
- ▶ But in the exam room it is your race.
- ▶ Your grades are your passport to your future.



YEAR 10 WORK EXPERIENCE 2023-2024

MR K DONOVAN

KDONOVAN@BEAMINSTER.DORSET.SCH.UK

WORK EXPERIENCE CO-ORDINATOR AND CAREERS ADVISOR

MRS L VAN NIEKERK

LVANNIEKERK@BEAMINSTER.DORSET.SCH.UK

WORK EXPERIENCE ADMINISTRATOR

WORK EXPERIENCE DATES 2023-2024

- **MONDAY 6TH MAY TO FRIDAY 17TH MAY 2024**
- IMPORTANT INFORMATION
- THE FIRST MONDAY 6TH IS A PUBLIC BANK HOLIDAY. PLEASE CHECK WITH YOUR EMPLOYER IF YOU NEED TO GO TO WORK ON THIS DAY.
- WE CARRY OUT ALL THE RELEVANT HEALTH, SAFETY AND INSURANCE CHECKS ON THE WORK PLACES

WHY DO WE DO WORK EXPERIENCE?

WORK EXPERIENCE BUILDS CONFIDENCE, MATURITY AND EMPLOYABILITY.

WORK EXPERIENCE:

- GIVES STUDENTS INSIGHT INTO SKILLS REQUIRED FOR FUTURE
- ALLOWS STUDENTS TO SEE IF THEY ENJOY THE JOB
- BROADENS KNOWLEDGE OF JOBS AVAILABLE
- INCREASES PERSONAL AWARENESS OF SKILLS AND STRENGTHS
- LINKS STUDENTS TO EMPLOYERS
- ALLOWS STUDENTS TO HAVE ENCOUNTERS WITH EMPLOYERS AND EMPLOYEES
- STUDENTS HAVE AN EXPERIENCE OF A WORKPLACE
- GIVES INSIGHT INTO A WORKING ENVIRONMENT
- GIVES MOTIVATION TO DO WELL IN SCHOOL
- USEFUL EXPERIENCE TO SHOW IN CV

WHO DOES WORK EXPERIENCE?

ALL OF YEAR 10 PARTICIPATE IN
WORK EXPERIENCE

IF YOU HAVE ANY CONCERNS ABOUT YOUR
CHILD PARTICIPATING IN WORK EXPERIENCE
PLEASE SPEAK TO THEIR TUTOR OR MR
DONOVAN



[This Photo](#) by Unknown Author is licensed under [CC BY-NC-ND](#)



[This Photo](#) by Unknown Author is licensed under [CC BY-SA](#)

IDEAS FOR WORK EXPERIENCE

- THE ONLY LIMITS THAT WE HAVE ON WORK EXPERIENCE PLACEMENTS ARE MAKING SURE THAT THE PLACEMENT HAS SUITABLE INSURANCE AND HEALTH AND SAFETY CHECKS.
- IF PAPERWORK IS SUBMITTED ON TIME, AND THE PLACEMENT HAS ALL OF THE CORRECT INSURANCE AND HEALTH AND SAFETY CHECKS, THE SKY IS YOUR LIMIT!
- IN THE PAST WE HAVE HAD STUDENTS TRAVEL ALL OVER ENGLAND AND THE WORLD.
- SOME EXAMPLES:
 - *THE GRASMERE GINGERBREAD SHOP-LAKE DISTRICT*
 - *CITY OF LONDON EDUCATION POLICY INSTITUTE – LONDON*
 - *AUCTIONEER –SOUTH OF FRANCE*
 - *CHICAGO MARINE PARK - USA*