

HAPPY

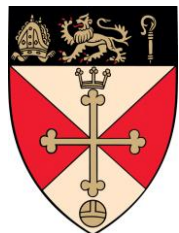
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Year 11 Revision Evening 2025

www.malmesbury.wilts.sch.uk



What is this evening about?

- Welcome and thank you for coming
- The support you provide to your child can make a massive difference to their outcomes and future life chances
- This evening aims to provide some subject specific guidance, and some general guidance to help you provide that support with their revision

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Logistics

- Each session will last around 15 – 20 minutes
- You will attend 4 sessions during the evening
 - Maths, English, Science, and general guidance
- There should be plenty of time to move from one session to the next. Please go to your next session once a session has been completed.
- Please bear with us if timings are not kept to 100%
- If there is a fire alarm, please follow the member of staff to the main playground (no drill is planned)
- If you're not sure where to go next - ask the teacher
- Once you have been to 4 sessions, you are free to leave!

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True or False???

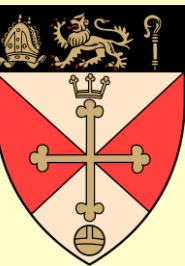
1. Intelligence is genetic and fixed ✗
2. Girls and boys think differently ✗
3. Some children are 'left-brained', some are 'right-brained' ✗
4. We only use 10% of our brains ✗
5. Individuals have different learning styles ✗
6. There are critical periods in brain development ✗
7. We have a fixed mental capacity ✗
8. When we sleep, the brain shuts down ✗



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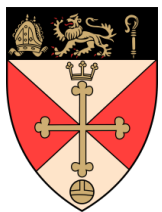
Year 11 science revision evening

Objectives:

- To explain the course and exam structure
- To share the best revision resources available including Seneca and Malmesbury Education on YouTube
- To show how students and parents can access past paper materials



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Course Structure

6 exams for both combined (Trilogy) and triple/separate science routes.

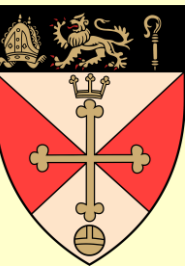
- Combined science exams 1 hr 15 mins
- Separate science exams 1 hr 45 mins



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GCSE Combined Science: Trilogy

(Double award)



Exams

Six papers: two biology, two chemistry and two physics. Each will assess different topics.

Duration: all the papers are 1 hour 15 minutes.

Tiers: Foundation and Higher.

Weighting: the papers are equally weighted. Each is worth 16.7% of the grade and has 70 marks.

Question types: multiple choice, structured, closed, short answer and open response.

Summary of content

Biology

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

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

Physics

- Forces
- Energy
- Waves
- Electricity
- Magnetism and electromagnetism
- Particle model of matter
- Atomic structure

Separate sciences – Biology



Exams

Two papers: each paper will assess knowledge and understanding from different topics. The questions will use clearer and simpler language, to assess students only on their scientific ability.

Duration: both papers are 1 hour 45 minutes.

Tier: Foundation and Higher.

Weighting: the papers are equally weighted. Each is worth 50% of the grade and has 100 marks available.

Question types: multiple choice, structured, closed short answer and open response.

Paper 1

What's assessed?

Topics 1–4: Cell biology; Organisation; Infection and response and Bioenergetics.

Paper 2

What's assessed?

Topics 5–7: Homeostasis and response; Inheritance, variation and evolution and Ecology.

Summary of content

1. Cell biology
2. Organisation
3. Infection and response
4. Bioenergetics
5. Homeostasis and response
6. Inheritance, variation and evolution
7. Ecology

Separate sciences – Chemistry



Exams

Two papers: each paper will assess knowledge and understanding from different topics. The questions will use clearer and simpler language, to assess students only on their scientific ability.

Duration: both papers are 1 hour 45 minutes.

Tiers: Foundation and Higher.

Weighting: the papers are equally weighted. Each is worth 50% of the grade and has 100 marks available.

Question types: multiple choice, structured, closed short answer and open response.

Paper 1

What's assessed?

Topics 1–5: Atomic structure and the periodic table; Bonding, structure, and the properties of matter; Quantitative chemistry; Chemical changes; and Energy changes.

Paper 2

What's assessed?

Topics 6–10: The rate and extent of chemical change; Organic chemistry; Chemical analysis, Chemistry of the atmosphere and Using resources.

Summary of content

1. Atomic structure and the periodic table
2. Bonding, structure and the properties of matter
3. Quantitative chemistry
4. Chemical changes
5. Energy changes
6. The rate and extent of chemical change
7. Organic chemistry
8. Chemical analysis
9. Chemistry of the atmosphere
10. Using resources

Separate sciences continued – Physics



Exams

Two papers: each paper will assess different topics.

Duration: both papers are 1 hour 45 minutes.

Tiers: Foundation and Higher.

Weighting: the papers are equally weighted. Each is worth 50% of the grade and has 100 marks available.

Question types: multiple choice, structured, closed short answer and open response.

Paper 1

What's assessed?

Energy; Electricity; Particle model of matter and Atomic structure

Paper 2

What's assessed?

Forces; Waves; Magnetism and electromagnetism and Space physics

Summary of content

1. Forces
2. Energy
3. Waves
4. Electricity
5. Magnetism and electromagnetism
6. Particle model of matter
7. Atomic structure
8. Space physics

Curriculum booklet available on the school website




Import favourites | SchoolCloud - Mal... | Customize Links (G... | Free Hotmail (GPee... | Free Hotmail | Google | Windows (GPeersD... | Windows Media (G... | Other favourites


Key Stage 4 curriculum

The core curriculum consists of GCSE specifications in Mathematics, English Language, English Literature and Science (including separate Physics, Chemistry and Biology). In addition recreational PE and iLearn are non-examined compulsory subjects.

Optional subjects are available to all students and are allocated contact time of 5 hours over a fortnight. The choice of option subjects is below:

- GCSE specifications in Geography, History, Religious Studies, French, German, Spanish, Computer Science, PE, Media Studies, Textiles, Product Design, Food Preparation and Nutrition, Art, Drama and Music
- Cambridge National L2 Specifications in Health and Social Care, Sport Science and Creative imedia
- BTEC L2 specification in Horse Care and L1 in Construction (taught in conjunction with IFS L2 Financial Capability)
- ASDAN L1 Land Based Studies
- School certificate in Hair and Beauty

ATTACHMENTS	
ADDITIONAL MATHS (Y11 ONLY)	
A LEVEL FINE ART	
KS4 CURRICULUM BOOKLET	





Revision resources

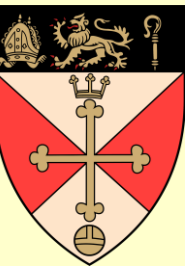
- **Malmesbury Education**
<https://www.youtube.com/@MalmesburyEducation>
- **Sparx Science**
- **Seneca** <https://app.senecalearning.com/login>
- **Science Shorts** <https://www.youtube.com/@ScienceShorts>
- **BBC bitesize** <https://www.bbc.co.uk/bitesize/subjects/zrkw2hv>
- **Cognito** <https://www.youtube.com/@Cognitoedu>
- **Physics and maths tutor** (past papers – all subjects despite the name) <https://www.physicsandmathstutor.com/>
- **Revision Guides**

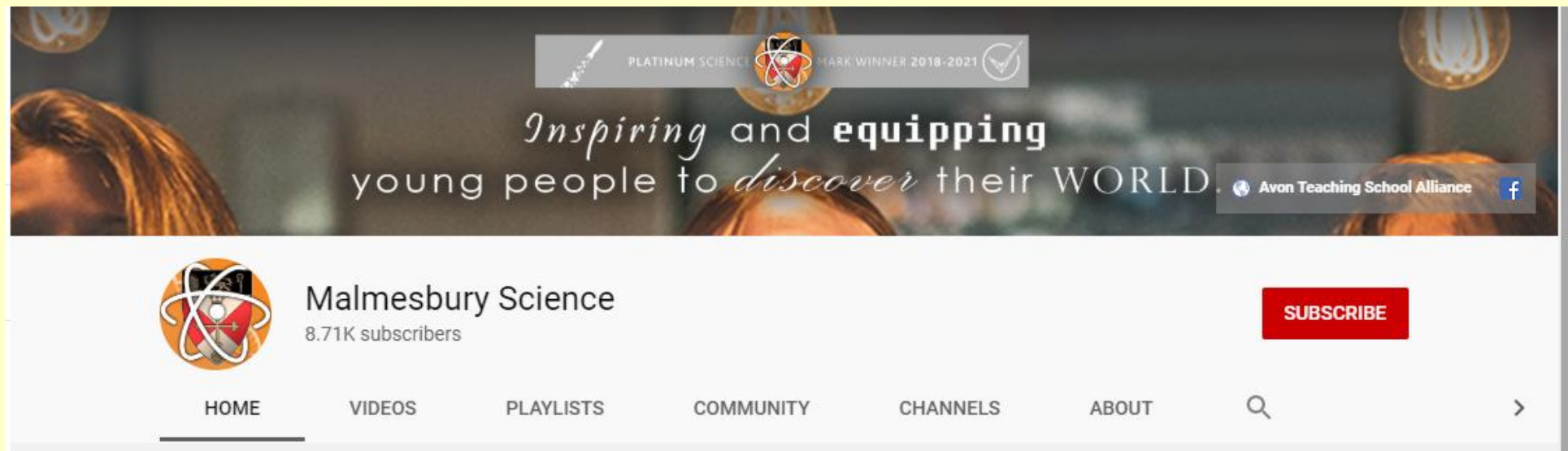


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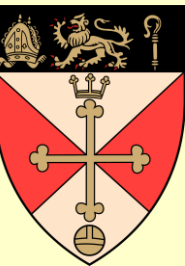
- All Required Practical videos presented by Malmesbury Science Teachers
- 15% of exam content will be directly linked to these practicals



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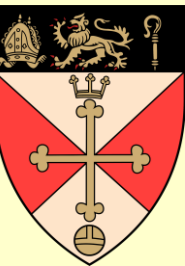




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Your courses [Add courses](#)

Q Search for a course...

Filters

Clear all (1)

Price



Free ✕

 Free

(624)

11+ Comprehension

11+ Maths



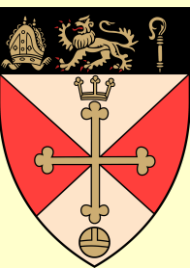
- Students need to make their own account and then join 'classes' set up their teacher
- Lots of recall practice and some exam style questions



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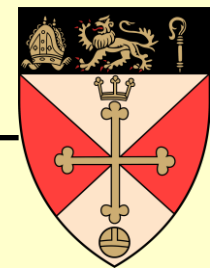
- Lots of short online videos covering content for chemistry and physics
- Presented by our very own Mr Rees

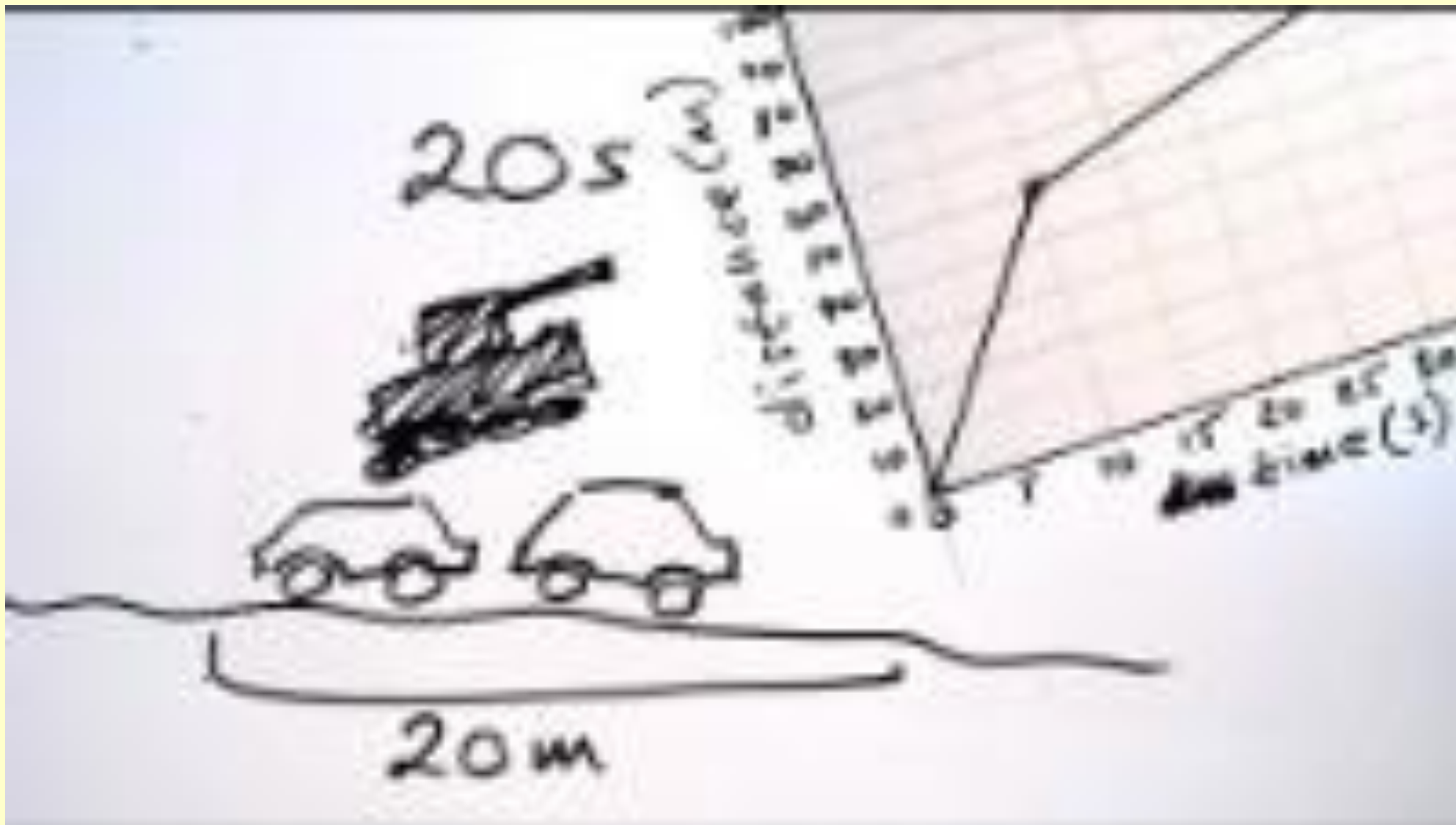


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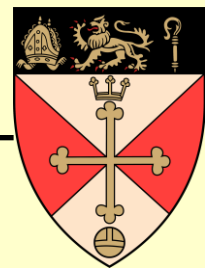


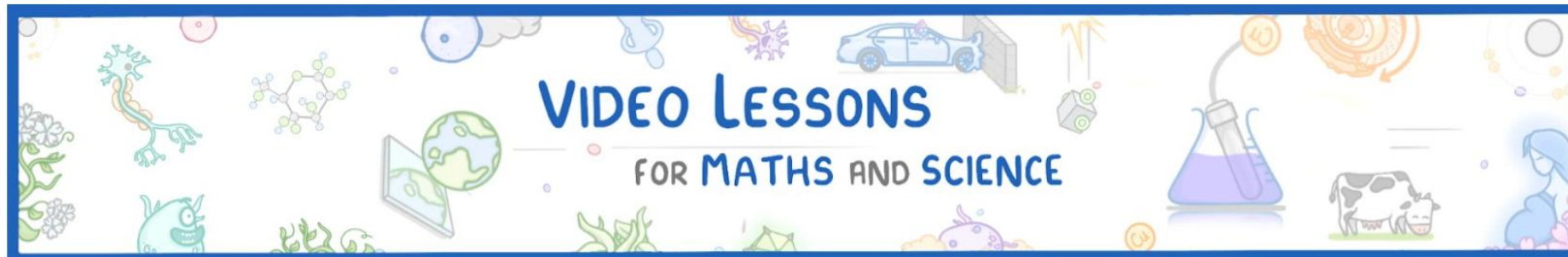


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Cognito

@Cognitoedu 557K subscribers 399 videos

Hi - we make video lessons for GCSE science and maths. The lessons give... >

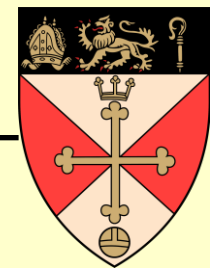
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All GCSE subjects



Art and Design



Biology (Single Science)



Business



Chemistry (Single Science)



Combined Science



Computer Science



Design and Technology



Digital Technology (CCEA)



Drama



English Language



English Literature



French



Geography



German



History



Home Economics: Food and Nutrition (CCEA)



Hospitality (CCEA)



ICT



Irish - Learners (CCEA)



Journalism (CCEA)



Learning for Life and Work (CCEA)



Mandarin



Maths



Maths Numeracy (WJEC)



Media Studies



Modern Foreign Languages



Moving Image Arts (CCEA)



Music



Physical Education



Physics (Single Science)



PSHE and Citizenship



Religious Studies



Science



Sociology



Spanish



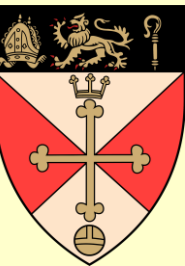
Welsh Second Language (WJEC)



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Find a Tutor

Find an online or in-person tutor

Revision Courses

Courses for GCSEs, A-levels and University Admissions

Revision

Revision notes, key points, worksheets and questions by topic from past papers

[Maths](#) | [Physics](#)
[Biology](#) | [Chemistry](#)
[Economics](#) | [Geography](#)
[English](#) | [Psychology](#)
[Computer Science](#)

Solution Banks

Solution Banks for A-level Maths

PMT Education Blog

PMT Education's advice blogs for students, parents and teachers.

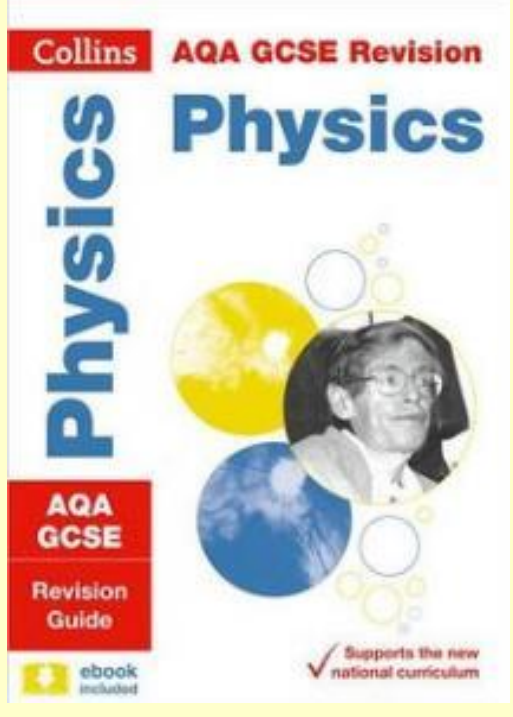
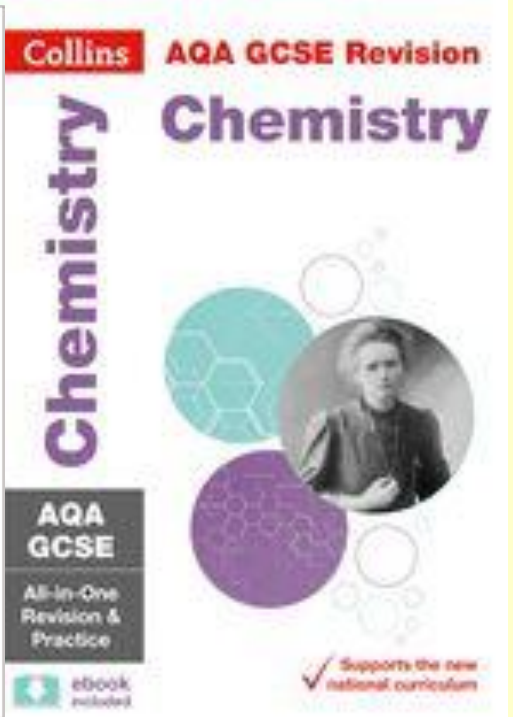
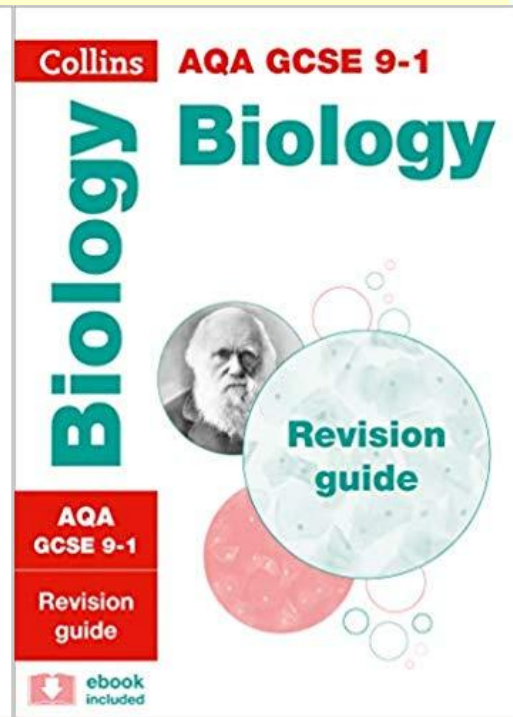
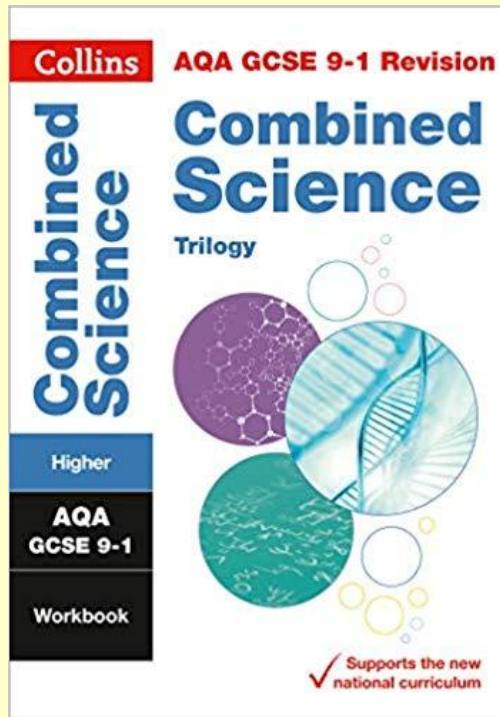
Past Papers

Past GCSE/IGCSE and A-level papers

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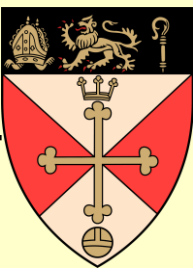
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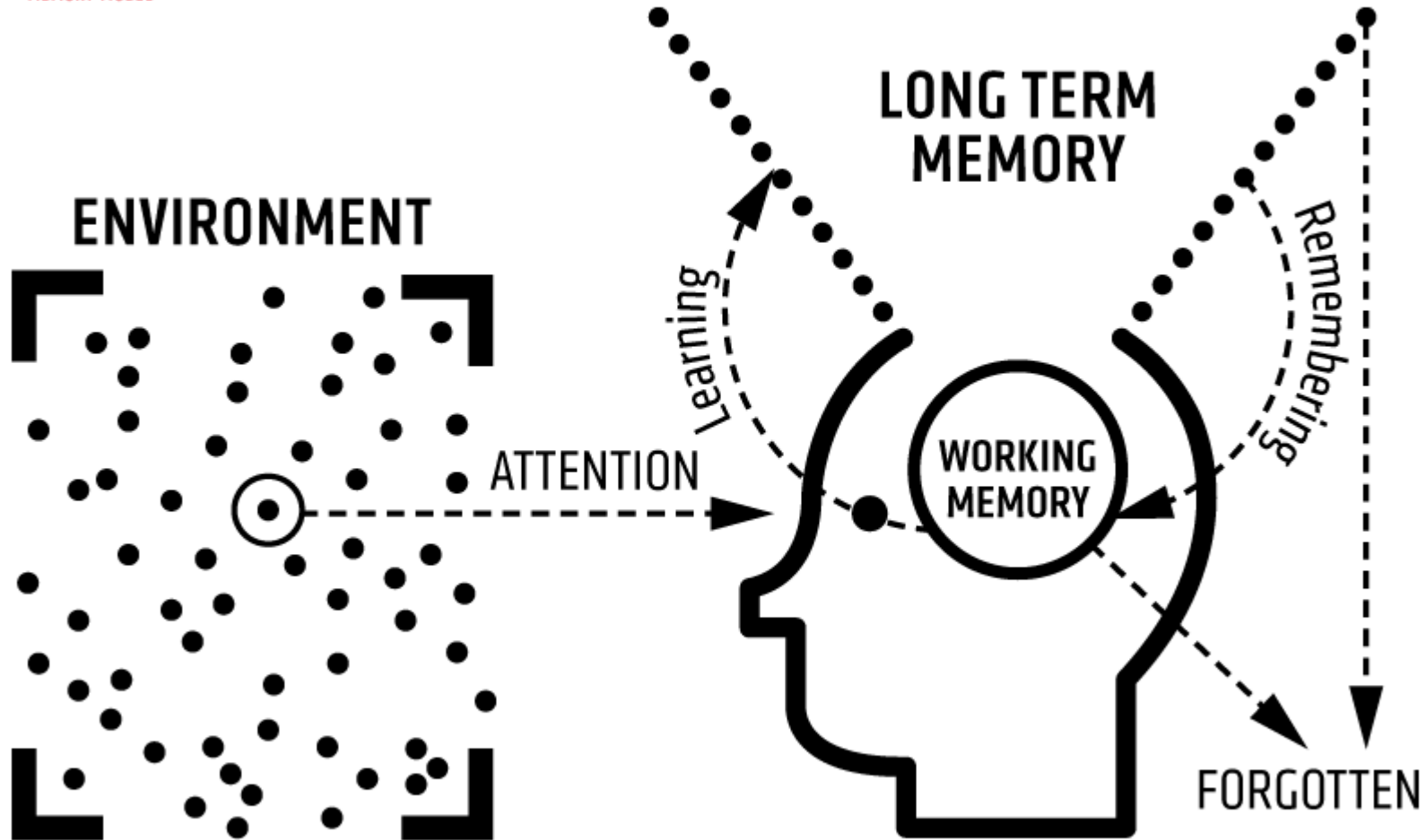
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Revision Technique	Do you use this technique? Yes or No
Reading the textbook	
Re-writing class notes	
Reading notes made in class	
Highlighting the textbook or notes	
Making new notes	
Flashcards	
Blurting	
Mind maps	
Graphic organiser	
Practice questions	
Full test papers in exam conditions	
Reviewing mark schemes for key marking points	
Total blue techniques	
Total yellow techniques	
Total techniques	

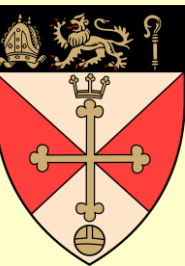




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