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# GCSE Science

# GCSE Course structure

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- Course based on AQA GCSE scheme.
- Students started their Science GCSE in year 9.
- Course is linear
- 100% exam assessed
- Taught by three specialist teachers.
- Six lessons per week.
  - 2 x Biology/ 2 x Chemistry/2 x Physics
- Separates/combined decision made at the end of year 9.

# PRACTICAL SKILLS

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- ✘ Pupils are required to carry out a number of required practical's.
- ✘ These will be assessed through the exam papers.
- ✘ These lessons will be completed in the normal teaching lessons which is why good attendance is essential.

# SKILLS

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- ✘ Students need to learn formulas in Physics
- ✘ Maths demand is high (20% of Physics exam will be Maths skills)
- ✘ Continued use of extended answer questions in exams and hence the need for good literacy skills.

# Exams - Separate Sciences

- 100% exam assessed
- 6 exams
  - 2 x Biology
  - 2 x Chemistry
  - 2 x Physics
- All exams are 1 hour 45 minutes
- Foundation and Higher Tier
- Three separate grades awarded

**Some students following this route may sit Combined Science at the end of Year 11 instead, depending on their confidence and attitude.**

# Exams - Combined Science – Trilogy

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- 100% exam assessed
- 6 exams
  - 2 x Biology
  - 2 x Chemistry
  - 2 x Physics
- All exams are 1 hour 15 minutes
- Foundation and Higher Tier
- Two equal grades awarded

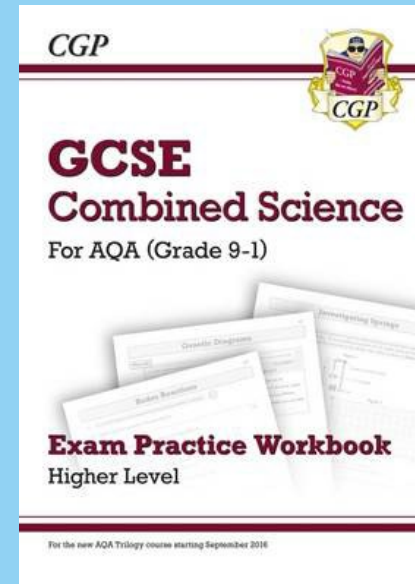
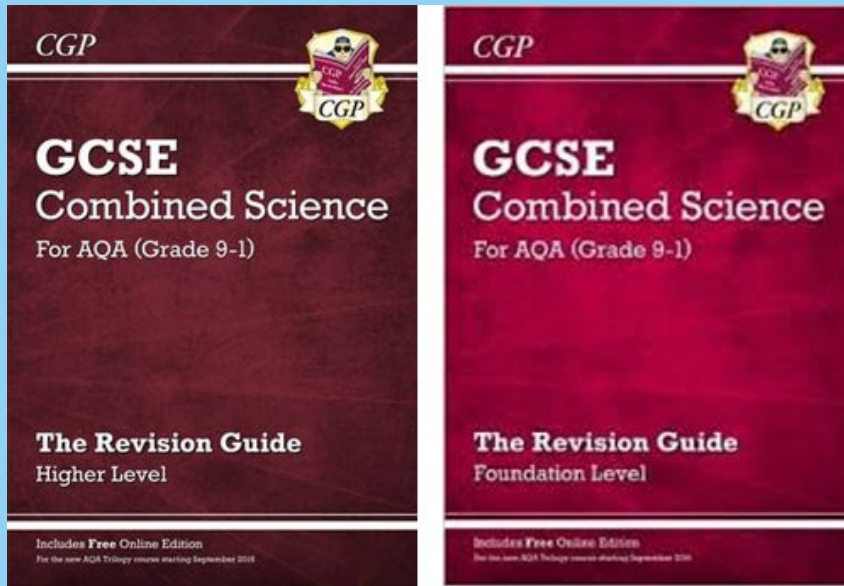
# SUPPORTING YOUR CHILD

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- ✘ Completion of homework tasks.
- ✘ GCSE pod - <https://www.gcsepod.com/>
- ✘ BBC Bitesize – KS3 Science
- ✘ <https://www.senecalearning.com/>
- ✘ Continue to support their Maths and English work as this is invaluable in Science.
- ✘ Encourage reading around the subject (see suggested reading list).

# SUPPORTING YOUR CHILD - AVAILABLE FOR PURCHASE IN SCHOOL.

## Revision guides



## We also sell Work books

- These provide lots of practice questions
- Please also purchase the answer booklet



# FURTHER STUDY/CAREERS

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- ✘ <https://www.thebigbangfair.co.uk/careers/stem-careers/>
- ✘ <https://www.bbc.co.uk/bitesize/tags/zjb8f4j/jobs-that-use-science/1>



# READING LIST

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## ✘ Year 9

- ✘ B1 - <https://cells4life.com/2019/12/5-stem-cell-success-stories/>
- ✘ C1 - <https://iupac.org/100/stories/why-isotopes-matter/>  
<https://www.nationalgeographic.com/news/2013/10/131016-otzi-ice-man-mummy-five-facts/>
- ✘ P1 - <https://gridwatch.co.uk/>
- ✘ P4 - <https://www.ucsusa.org/resources/brief-history-nuclear-accidents-worldwide>

