

Y11 Science Revision



A quick introduction



Why revise Science?

1. It is a 'Core' Subject along with English and Maths – employers look at these subjects.
2. It might be needed for future qualifications.
3. It might affect the career you end up doing.



Which exam board? Which exams??

AQA Triple Science (separate Sciences)
6 x 1hour 45 min papers

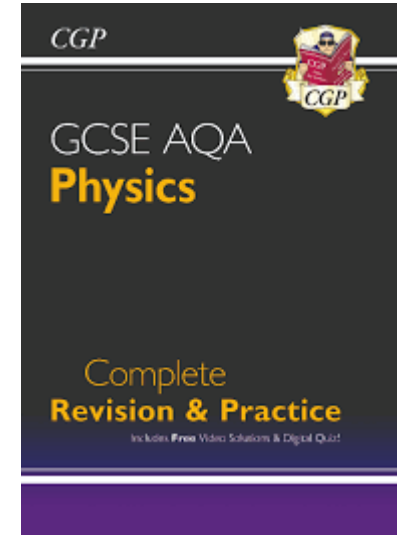
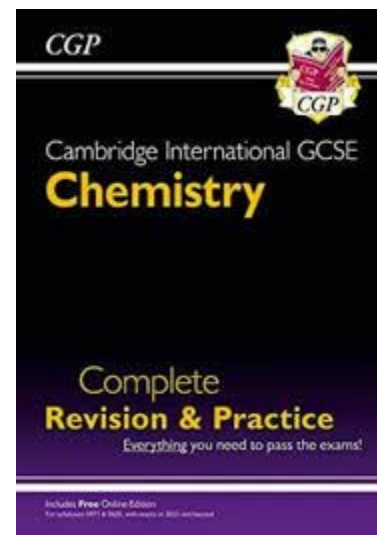
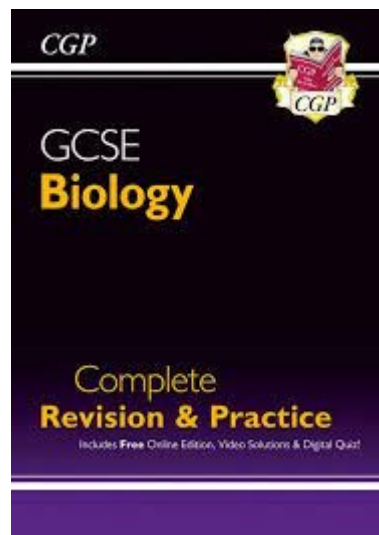
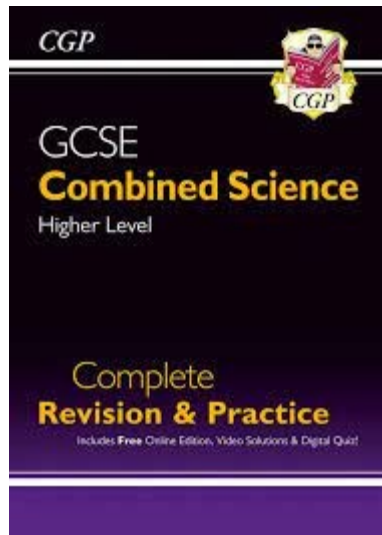
AQA Combined Science: Trilogy
6 x 1hour 15 min papers

What can I use to help?

A revision guide –

- Double Combined Science (AQA Trilogy): £12
- Triple Science (AQA Triple): £6 each x 3

Available from the school:



Revision cards

1. For each topic:
 - Use revision guides/ notes/ checklists to:
 - Identify key words.
2. Make a card with information about this key word on.



Diffusion



Definition:
Picture:

Revision cards

Question

Answer

Diagram/ graph

Explanation of
what this is
showing

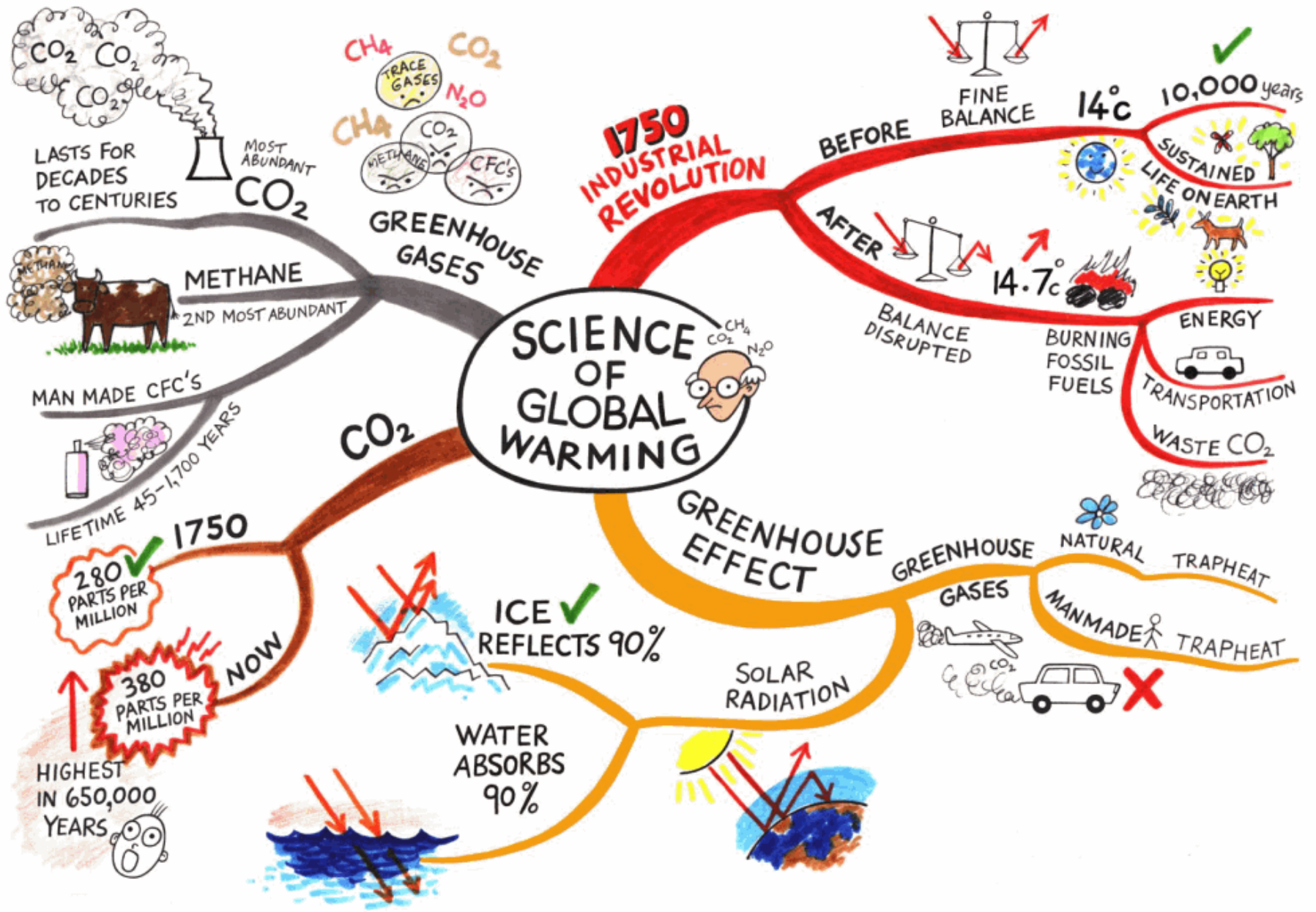
Key information
about topics you
really struggle
with

Exam tips- key
scientific words
to use

How to use revision cards

- Get a friend/ parent (they will love to help) to read one side of a card, you give them the answer.
- Test yourself by reading a key word and working out answer. Check you are correct.
- Cards you get correct at least twice go to the bottom of the pile so you have more difficult ones to test regularly.

Mind maps



Key word glossaries

- Make a glossary of key terms.
- Use this when doing exam questions.

Word	Picture	Meaning
density		How tightly packed the particles are.
diffusion		Particles spreading out to fill the space available.
particle		Tiny things that everything is made from.
state		Whether something is a solid, a liquid or a gas.
concentration		How many particles there are in a specific volume of liquid.
condensation		Change from a gas to a liquid e.g. steam turning into water on a bathroom mirror.

Poster

- Make a poster using key words, pictures and colour.
- Put this up somewhere you will see it a lot!
 - Bedroom ceiling.
 - Back of the toilet door.
 - Bedroom wall.
 - Over the TV! (😊)

Past paper/ exam style questions

- Try to answer:
 - Exam conditions
 - Open book
- Questions to test your understanding.
- Mark them using the mark scheme.
- Correct them to learn from them.

- If you got it wrong work out **why!**

Useful Apps and websites

<https://www.aqa.org.uk/subjects/science/gcse/combined-science-trilogy-8464>

<https://www.bbc.co.uk/bitesize/examspecs/z8r997h>

<https://studymind.co.uk/resource/aqa-biology/>



Where to revise/ conditions

- No music on – your brain cannot split its concentration effectively.
- No TV on it is too distracting.
- Warm.
- Comfortable.
- Make sure you have breaks every hour or so for 20 minutes.
- Eat and drink healthily: (have water and snacks)
Not caffeine!

Strategies for success in exams

- Highlight **command words** and information.
- Look at **how many marks** a question is worth.
- **Bullet point answers** to try to make sure you make clear points.
- Think about **key words** to include in an answer before you start writing.
- Show your **working for calculations** and include units.
- If it seems straightforward **don't doubt it**, some questions will be easier than you expect.
- **Don't rush** when you are finding numbers from a graph.

What next...

- ✓ Make sure you have a revision guide... take the money to Mrs Fennell (Senior science technician)/your teacher who will give you one.
- ✓ Make the most of every Science lesson you have.
- ✓ Attend Thursday after school revision club.

Any further questions, please do not hesitate to ask or email Dr K King: 4179kk@mynhs.net

New GCSE grades explained

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

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

AWARDING
4 and above = bottom of C and above

