

How to succeed in Science?



1. Homework will be set weekly via **EDULINK**.
 - A topic that is identified as an area that needs improving will be set based on prior assessment data.
 - Pupils will be given links or information to support them with this topic.
 - The teacher will set **Classroom 42 tests and exam questions** or **hard copy exam questions** or **Tassomai** to test the gap after revision has been done.
 - Teachers will mark the exam question or **Classroom 42** and **Tassomai** will mark the work independently.
 - It is **important that the homework is completed as this is targeted revision** that is based on each pupil's prior assessment data.
2. Reteach lessons will happen **every week in year 11 and fortnightly in year 10** where a 'gap' has been identified and the teacher will **'reteach'** and **'extend'** pupils. Later pupils will be **retested**.
3. Personalised Revision: What do with **one hour** or **two 30 minute chunks**.

Step 1: Know your Exam Board and GCSE:

- The exam board we use in science is **AQA**.

There are a few varieties of GCSES in science and it is important that **you** know which one **you** are taking.

- Separate Science
- Combined Science Trilogy Higher
- Combined Science Trilogy Foundation

Step 2: Knowing where your 'gaps' are:

- Every time pupils have an assessment returned there will be a **'questioned level analysis'** which allows pupils to **see where their strengths and areas for development are**. Pupils also have an assessment trackers at the back of their books which will also provide insight into their strengths and developments.

Step 3: How to address the 'gap':

Pupils need resources to find the information they are missing at the correct level and from the correct exam board. Using the information **make notes, reduce down the information you have found into bullet points, mind map or make flash cards**. Spend no more than 30 minutes making revision tools on one 'gap'.

I recommend the following:

1. Revision guides:

- Combined Science: CPG GCSE AQA Combined Science Higher and Foundation
- Separate Science: CPG GCSE AQA biology, CPG GCSE AQA Chemistry and CPG GCSE AQA Physics

- Free Science lessons: Short 3-5 minute video clips of most topics and across all tiers and qualifications. <https://freesciencelessons.co.uk>
- Science Shorts: You tube channel with whole paper overviews. <https://www.youtube.com/@ScienceShorts>
- GCSE Bitesize science: Information is ordered by exam board and topic and is accurate. <https://www.bbc.co.uk/bitesize/levels/z98jmp3>

Step 4: Practice using the knowledge you have found by questioning. (30 minutes)

- Classroom 42- Knowledge tests

CLASSROOM 42

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Pathway to Exam Success

Classroom 42 empowers teachers and unlocks pupil potential with innovative online learning tools and tailored feedback

Select a subject to get started

GCSE History

GCSE Science

GCSE Geography

GCSE Religious Studies

Transform teaching and learning with our School Membership

Try our quizzes for free

Click Here



Videos

Short videos offering concise and engaging content

AI

Examinator

AI-powered feedback for exam responses in seconds



Tracking

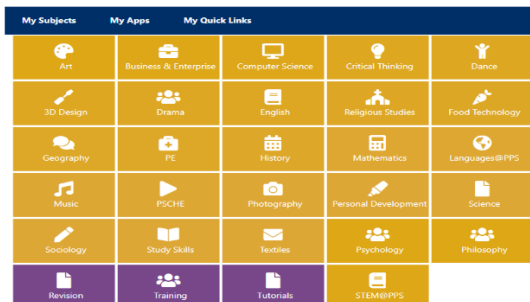
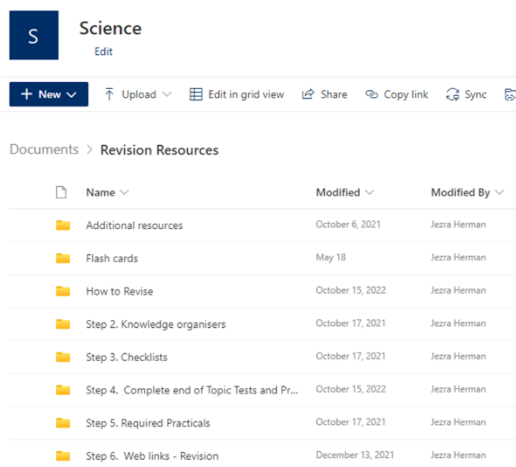
Track progress in teacher in pupil dashboards



Exam Builder

Create your own AI-marked exams to complete online

- Use Share point to find practice questions on any topic.

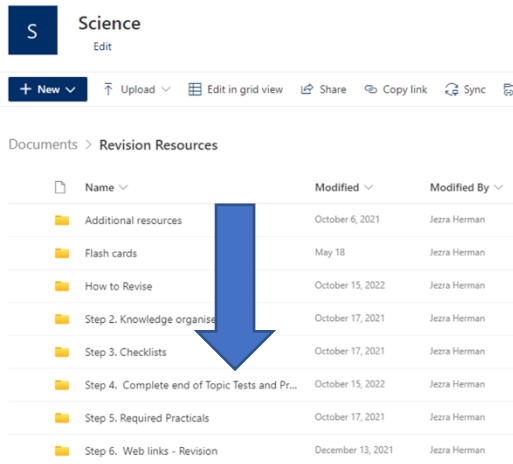


- BBC bitesize end of chapter quizzes
- Use the knowledge retrieval questions handed out by your Subject teacher.

Step 5: Looking back over a topic.

- After a few weeks, go back over a topic you revised before.
- Complete step 4 to see if you have retained the information.

At any time:



Science
Edit

+ New Upload Edit in grid view Share Copy link Sync

Documents > Revision Resources

Name	Modified	Modified By
Additional resources	October 6, 2021	Jezra Herman
Flash cards	May 18	Jezra Herman
How to Revise	October 15, 2022	Jezra Herman
Step 2. Knowledge organise	October 17, 2021	Jezra Herman
Step 3. Checklists	October 17, 2021	Jezra Herman
Step 4. Complete end of Topic Tests and Pr...	October 15, 2022	Jezra Herman
Step 5. Required Practicals	October 17, 2021	Jezra Herman
Step 6. Web links - Revision	December 13, 2021	Jezra Herman

There are always past papers and marking schemes on **Share point**. These are great practice tool for your exams. (See previous picture to guide you)

You will need the following:

1. User name and password for **classroom 42**.
2. User name and password to **Tassomai** (If you have forgotten your teacher can reset)