



Classroom 42's Top Tips:

GCSE Biology Revision

Know Your Key Concepts

- ✓ Learn key biological terms and processes (e.g., osmosis, mitosis, enzymes).
- ✓ Understand the structure and function of cells, organs, and systems.
- ✓ Use mind maps or flashcards to summarise key biological cycles (e.g., carbon cycle, photosynthesis).

Master Exam Technique

- ✓ 1- to 2-mark questions: Give short, precise answers using key terms.
- ✓ 3- to 5-mark questions: Explain biological concepts clearly, using examples where relevant.
- ✓ 6-mark questions: Use structured responses with key points, explanations, and, where needed, a justified conclusion.

Be Confident with Practical & Data Skills

- ✓ Revise key experiments, their methods, variables, and conclusions.
- ✓ Practice interpreting graphs, tables, and experimental results.
- ✓ Understand how to evaluate scientific investigations, including control variables and reliability.

Practice, Practice, Practice

- ✓ Answer past paper questions under timed conditions.
- ✓ Plan 6-mark answers before writing to structure your response.
- ✓ Peer mark with friends.

Active Revision Strategies

- ✓ Use flashcards for key terms, equations, and definitions.
- ✓ Practice drawing and labelling diagrams (e.g., the heart, neurones, cells).
- ✓ Use spaced repetition to keep biological processes fresh in your mind.

Manage Your Time Wisely

- ✓ Use a revision timetable - little and often works best!
- ✓ Balance study time across topics like cell biology, ecology, and genetics.
- ✓ Take short breaks to stay focused.

Exam Day Tips

- ✓ Read the question carefully - underline key command words (e.g., describe, explain, evaluate).
- ✓ Show working in calculations to gain method marks.
- ✓ Check your answers if time allows.