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| **Year 11 Biology Revision List Autumn 2025** | | |
| **Exam information:** Some students in Year 11 are currently on the Biology GCSE Separates course, where their grade will be based just on this one paper, resulting in them achieving 3 separate GCSE science grades in the summer (one from each of Biology, Chemistry, and Physics. Other students in Year 11 are currently on the Combined (Trilogy) Science pathway and will sit 3 combined science exams- one for Biology, one for Chemistry and one for Physics. They will then receive an overall Combined Science grade consisting of 2 numbers. | | |
| **Combined Science**  Written exam: 1 hour 15 minutes  Exam Board: AQA Combined Science  Marks: 70 marks  Questions: A mixture of multiple choice, structured, closed short answer, and open response.  **GCSE Biology Separates**  Written exam: 1 hour 45 minutes  Exam Board: AQA Combined Science  Marks: 100 marks  Questions: A mixture of multiple choice, structured, closed short answer, and open response. | | |
| **Additional Information:** A full equation sheet will be provided.  You need to bring a calculator to your exam. This exam will cover some topics from Year 10 as well as some from Year 9. | | |
| **Topic** | | Revised? |
| **Year 9** | Cell structure (incl. microscope required practical) |  |
| Microscopy (incl. microscope required practical) |  |
| Cell division |  |
| Diffusion |  |
| Osmosis (incl. osmosis required practical) |  |
| Active transport |  |
| Digestive system (incl. food tests required practical) |  |
| Enzymes (incl. effect of pH on amylase required practical) |  |
| Circulatory system |  |
| Transport in plants |  |
| **Year 10** | Communicable diseases(incl. monoclonal antibodies **separates only**) |  |
| Bacterial diseases (incl. growing bacteria required practical **separates only**) |  |
| Viral diseases |  |
| Fungi & protist diseases |  |
| Immune system |  |
| Preventing and treating diseases |  |
| Developing drugs |  |
| Non-communicable diseases |  |
| Photosynthesis (incl. rate of photosynthesis required practical) |  |
| Aerobic respiration |  |
| Anaerobic respiration |  |
| **Revision Links** | | |
| **Cognito science lessons (with videos and questions)**  [Cognito Biology lessons](https://cognitoedu.org/courseoverview/b2-gcse-aqa-h-c/lessons)  (Topics 1-4)  **Free science lessons (YouTube videos)** [Free science lessons cell biology video playlist](https://www.youtube.com/watch?v=HBZcpzr5B2g&list=PL9IouNCPbCxVU74eQtCcqbaQdYmwzAnlC) [Free science lessons organising animals & plant playlist](https://www.youtube.com/watch?v=4ui4oSHHnzA&list=PL9IouNCPbCxXGDt3ATU1xM_X_F8JghPCB)[Free science lessons diseases video playlist](https://www.youtube.com/watch?v=QYWNXp36O48&list=PL9IouNCPbCxVQPNgqka5bSs-IWe3L6OD8) [Free science lessons bioenergetics playlist](https://www.youtube.com/watch?v=rAJGnS_ktk4&list=PL9IouNCPbCxXVpEqkFRN5Jq8ZZTBBRWUz)  **Discover tutoring Combined science interactive quizzes**  [All Biology quizzes](https://discovertutoring.co.uk/quiz/biology-aqa/) | | |