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| **Biology Revision List Summer 2025** | | |
| **Exam information:** All students in Year 10 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.  **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.  **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 |  |
| Bacterial diseases |  |
| 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/) | | |