

Here's a list of website autolinks for Edexcel GCSE Combined Science topics, focusing on official and highly reputable revision resources:

BBC Bitesize – Biology

📖 **Topic 1: Key Concepts in Biology** - [Animal cells - Cell structure - Edexcel - GCSE Biology \(Single Science\) Revision - Edexcel - BBC Bitesize](#)

- Cells (Eukaryotic & Prokaryotic, Animal & Plant, Specialised)
- Microscopy
- Culturing Microorganisms
- Enzymes
- Food Tests
- Transport (Diffusion, Osmosis, Active Transport)

📖 **Topic 2: Cells and Control** - [DNA and chromosomes - Cell division - Edexcel - GCSE Biology \(Single Science\) Revision - Edexcel - BBC Bitesize](#)

- Cell Cycle and Mitosis
- Cell Differentiation and Stem Cells
- Nervous System (Brain, Eye, Reflex Arc)

📖 **Topic 3: Genetics** - [Evaluating sexual and asexual reproduction - Reproduction, the genome and gene expression - Edexcel - GCSE Biology \(Single Science\) Revision - Edexcel - BBC Bitesize](#)

- Sexual and Asexual Reproduction
- DNA and the Genome
- Protein Synthesis
- Inheritance (Genetic Crosses, Pedigrees, Genetic Disorders)
- Variation

📖 **Topic 4: Natural Selection and Genetic Modification** - [Darwin's theory of evolution - Evolution - Edexcel - GCSE Biology \(Single Science\) Revision - Edexcel - BBC Bitesize](#)

- Evolution by Natural Selection
- Classification
- Selective Breeding
- Genetic Engineering

📖 **Topic 5: Health, Disease and the Development of Medicines** - [Health - Communicable disease - Edexcel - GCSE Biology \(Single Science\) Revision - Edexcel - BBC Bitesize](#)

- Health and Disease (Communicable & Non-communicable)
- Pathogens
- Defence Mechanisms
- Immune System
- Immunisation

- Drug Development
- Monoclonal Antibodies
- Plant Diseases

🔍 **Topic 6: Plant Structures and their Functions** - [What is photosynthesis? - Photosynthesis - Edexcel - GCSE Biology \(Single Science\) Revision - Edexcel - BBC Bitesize](#)

- Photosynthesis
- Transport in Plants (Xylem, Phloem)
- Plant Hormones
- Plant Adaptations

🔍 **Topic 7: Animal Coordination, Control and Homeostasis** - [Human endocrine system - Coordination and control - The human endocrine system - Edexcel - GCSE Biology \(Single Science\) Revision - Edexcel - BBC Bitesize](#)

- Homeostasis (Thermoregulation, Blood Glucose, Osmoregulation)
- Endocrine System (Hormones)
- Human Reproduction (Menstrual Cycle, Fertility Treatments)

🔍 **Topic 8: Exchange and Transport in Animals** - [Diffusion - Gas exchange in animals - Edexcel - GCSE Biology \(Single Science\) Revision - Edexcel - BBC Bitesize](#)

- Circulatory System (Heart, Blood Vessels, Blood)
- Gas Exchange (Lungs)
- Respiration (Aerobic & Anaerobic)

🔍 **Topic 9: Ecosystems and Material Cycles** - [Communities and populations - Adaptations, interdependence and competition - Edexcel - GCSE Biology \(Single Science\) Revision - Edexcel - BBC Bitesize](#)

- Ecosystems (Food Chains, Pyramids, Biodiversity)
- Material Cycles (Carbon Cycle, Water Cycle)
- Human Impact on the Environment (Pollution, Global Warming)

Official Edexcel / Pearson Resources:

- **Edexcel GCSE Sciences (2016) Overview Page (starting point for all Edexcel Science GCSEs):** <https://qualifications.pearson.com/en/qualifications/edexcel-gcses/sciences-2016.html>
 - From this page, you should be able to navigate to the specific Combined Science qualification, which will lead you to the specification, past papers, mark schemes, and examiner reports. Look for "Combined Science" under the GCSE section.
- **Pearson Schools and FE Colleges - Edexcel GCSE (9-1) Combined Science Support Edition:** <https://www.pearsonschoolsandfecolleges.co.uk/secondary/subjects/science/edexcel-gcse-9-1-combined-science-support-edition>
 - This page offers resources, including course guides and planners, which can be useful for understanding the curriculum.
- **Pearson Free Online GCSE Science Lessons:** <https://www.pearson.com/en-gb/schools/subject-resources/science/tried-and-tested/support-from-pearson/free-online-gcse-science-lessons.html>
 - While not specific to Combined Science only, these lessons cover core science topics relevant to the course.

Reputable Third-Party Revision Websites:

These sites often break down the specification into manageable topics and offer revision notes, practice questions, and sometimes videos.

- **Save My Exams - Edexcel GCSE Combined Science:** <https://www.savemyexams.com/gcse/science/edexcel/combined-science/>
 - This is a highly popular resource with revision notes, exam questions, and flashcards organised by topic. You'll find specific sections for Biology, Chemistry, and Physics within Combined Science.
- **Revisely - GCSE Edexcel Combined Science Revision:** <https://www.revisely.com/gcse/combined-science/edexcel>
 - Offers revision materials specifically for Edexcel GCSE Combined Science.
- **Cognito (Free Maths & Science Revision):** <https://cognitoedu.org/>
 - Cognito provides video lessons, notes, and quizzes for various GCSE subjects, including Edexcel Combined Science. You'll need to navigate to the Edexcel Combined Science section.
- **Study Rocket - Free GCSE Biology (Combined Science) Edexcel Revision Content:** <https://studyrocket.co.uk/revision/gcse-biology-combined-science-edexcel>
 - While the URL specifically mentions "Biology (Combined Science)", Study Rocket generally covers other aspects of Combined Science as well.