

A Level Biology Resource Pack

Below is a collection of curriculum specific broadcast material, sorted by exam board and then study theme. The document will be updated as new content is added and old content is removed.

OCR

Foundations in Biology - Cell structure, biological molecules, nucleotides and nucleic acids; enzymes; biological membranes; cell division, cell diversity and cellular organisation.

- <https://www.bbc.co.uk/programmes/b01nln7d/clips> - BBC Two - Secret Universe: The Hidden Life of the Cell – Clips
- <https://www.bbc.co.uk/programmes/p03vkvfn> - BBC World Service – Science in Action – Tracking Individual Cells from Early Embryo to Adult
- <https://www.bbc.co.uk/programmes/p0188d3s> - BBC World Service – Science in Action – Stem Cells
- <https://www.bbc.co.uk/programmes/w3cswqym> - BBC World Service – The Science Hour – Engineering a Plastic-Eating Enzyme
- <https://www.bbc.co.uk/programmes/b08rp369> - BBC Radio 4 – In Our Time – Enzymes

Exchange and Transport - Exchange surfaces; transport in animals; transport in plants.

Biodiversity, Evolution and Disease - Communicable diseases, disease prevention and the immune system; biodiversity; classification and evolution.

- <https://www.bbc.co.uk/programmes/p04fdt9r> - BBC World Service – The Inflamed Mind
- <https://www.bbc.co.uk/programmes/p03jrxjn> - BBC World Service – The Rise of Autoimmune Diseases
- <https://www.bbc.co.uk/programmes/b09jqtg5> - BBC Radio 4 – BBC Inside Science – Ancient DNA and Human Evolution
- <https://www.bbc.co.uk/programmes/b00hd5mf/clips> - BBC One - Charles Darwin and the Tree of Life
- <https://www.bbc.co.uk/programmes/p03jrwcb> - BBC World Service – Discovery – Evolution
- <https://www.bbc.co.uk/programmes/p03m5n78> - BBC World Service – In The Beginning – Evolution
- <https://www.bbc.co.uk/programmes/p03jrz0l> - BBC World Service – Discovery – Human Evolution
- <https://www.bbc.co.uk/programmes/p0376rfb> - BBC World Service – Science View – Human Evolution

Communication, Homeostasis and Energy - Communication and homeostasis; excretion as an example of homeostatic control; neuronal communication; hormonal communication; plant and animal responses; photosynthesis; respiration.

- <https://www.bbc.co.uk/programmes/p011t43z> - BBC Four - Botany: A Blooming History – How Plants are Adapted to Survive – Clips
- <https://www.bbc.co.uk/programmes/b0435jyv> - BBC Radio 4 – In Our Time – Photosynthesis
- <https://www.bbc.co.uk/programmes/p00vc0gv> - BBC World Service – Discovery – Artificial Photosynthesis

Genetics, Evolution and Ecosystems - Cellular control; patterns of inheritance; manipulating genomes; cloning and biotechnology; ecosystems; populations and sustainability.

- <https://www.bbc.co.uk/programmes/p0356vjy> - BBC World Service - Genetics Made Simple – What are Genes?
- <https://www.bbc.co.uk/programmes/p0356vl8> - BBC World Service – Genetics Made Simple – Genetics and Ethics
- <https://www.bbc.co.uk/programmes/p0359f9j> - BBC World Service – Gene Story – Behavioural Genetics
- <https://www.bbc.co.uk/programmes/p0356vk7> - BBC World Service – Genetics Made Simple – Protein
- <https://www.bbc.co.uk/programmes/p0356vkk> - BBC World Service – Genetics Made Simple – Cloning
- <https://www.bbc.co.uk/programmes/p0376r65> - BBC World Service – Science View – Genetics
- <https://www.bbc.co.uk/programmes/p033xcln> - BBC World Service – My Century – Working in Genetics
- <https://www.bbc.co.uk/programmes/p00547md> - BBC Radio 4 – In Our Time – Genetics
- <https://www.my5.tv/alaska-a-year-in-the-wild-2/season-3> - Channel 5 - Alaska: A Year in the Wild
- <https://www.my5.tv/wild-britain/season-1> - Channel 5 - Wild Britain

AQA

Biological Molecules - Monomers and polymers; carbohydrates; lipids; proteins and enzymes; nucleic acids and important information - carrying molecules - structure of DNA and RNA; DNA replication; ATP; Water; Inorganic Ions.

- <https://www.bbc.co.uk/programmes/b083n2jg> - BBC Radio 4 – The Life Scientific – Julia Higgins on Polymers
- <https://www.bbc.co.uk/programmes/p0356vk7> - BBC World Service – Genetics Made Simple – Protein
- <https://www.bbc.co.uk/programmes/b08rp369> - BBC Radio 4 – In Our Time – Enzymes
- <https://www.bbc.co.uk/programmes/w3cswqym> - BBC World Service – Science Hour – Engineering a Plastic-Eating Enzyme
- <https://www.bbc.co.uk/programmes/p04dnmpd> - BBC World Service – The Forum – DNA: the Code for Making Life
- <https://www.bbc.co.uk/programmes/p0376km2> - BBC World Service – Omnibus – DNA Profiling
- <https://www.bbc.co.uk/programmes/p0376qrt> - BBC World Service – DNA and Genes
- <https://www.bbc.co.uk/programmes/p03jrwwz> - BBC World Service – Discovery – The DNA Family Tree
- <https://www.bbc.co.uk/programmes/p03jrycs> - BBC World Service – A Twist to Life – DNA
- <https://www.bbc.co.uk/programmes/p03jrycm> - BBC World Service – Discovery – A Twist to Life – After DNA
- <https://www.bbc.co.uk/programmes/p0376qtk> - BBC World Service – Science View – DNA, Darwinism and Genes

- <https://www.bbc.co.uk/programmes/p03jrxbn> - BBC World Service – DNA – The Discovery of the 21st century?

Cells - Cell structure - structure of eukaryotic cells, structure of prokaryotic cells and of viruses; all cells arise from other cells; transport across cell membranes; cell recognition and the immune system.

- <https://www.bbc.co.uk/programmes/p03jrwdj> - BBC World Service – Discovery – Underwater Laboratory – The evolution of prokaryotic cells and eukaryotic cells
- <https://www.bbc.co.uk/programmes/p04gyg26> - BBC World Service – CrowdScience – The Origin of Viruses
- <https://www.bbc.co.uk/programmes/p0359k2k> - BBC World Service – Scientific Journeys – Viruses
- <https://www.bbc.co.uk/programmes/p03590wx> - BBC World Service – Designed for Living – Viruses
- <https://www.bbc.co.uk/programmes/p03jrwt1> - BBC World Service – Discovery – Aggressive Symbiosis
- <https://www.bbc.co.uk/programmes/p0376lx8> - BBC World Service – Omnibus – Disease Detectives

Organisms Exchange Substances with their Environment - Surface area to volume ratio; gas exchange; digestion and absorption; mass transport in plants and animals.

Genetic Information, Variation and Relationships between Organisms - DNA, genes and chromosomes; DNA and protein synthesis; genetic diversity can arise as a result of mutation or during meiosis; genetic diversity and adaptation; species and taxonomy; biodiversity within a community; investigating diversity.

- <https://www.bbc.co.uk/programmes/p04dnmpd> - BBC World Service – The Forum – DNA: the Code for Making Life
- <https://www.bbc.co.uk/programmes/p0376km2> - BBC World Service – Omnibus – DNA Profiling
- <https://www.bbc.co.uk/programmes/p0376qrt> - BBC World Service – DNA and Genes
- <https://www.bbc.co.uk/programmes/p03jrwwz> - BBC World Service – Discovery – The DNA Family Tree
- <https://www.bbc.co.uk/programmes/p03jrycs> - BBC World Service – A Twist to Life – DNA
- <https://www.bbc.co.uk/programmes/p03jrycm> - BBC World Service – Discovery – A Twist to Life – After DNA
- <https://www.bbc.co.uk/programmes/p0376qtk> - BBC World Service – Science View – DNA, Darwinism and Genes
- <https://www.bbc.co.uk/programmes/p03jrxbn> - BBC World Service – DNA – The Discovery of the 21st century?
- <https://www.bbc.co.uk/programmes/w3csxfj3> - BBC World Service – The Big Idea – Epigenetics
- <https://www.bbc.co.uk/programmes/p0356vjy> - BBC World Service – Genetics Made Simple – What Are Genes?
- <https://www.bbc.co.uk/programmes/p0376qrk> - BBC World Service – Science View – Genes and Behaviour

- <https://www.bbc.co.uk/programmes/p035xb68> - BBC World Service – Essential Guide – Health: Fixing Genes
- <https://www.bbc.co.uk/programmes/p0359f9h> - BBC World Service – Gene Story – Genes and Development
- <https://www.bbc.co.uk/programmes/p0376qrt> - BBC World Service – DNA and Genes
- <https://www.bbc.co.uk/programmes/p0376qtq> - BBC World Service – Science View – DNA, Darwinism and Genes
- <https://www.bbc.co.uk/programmes/p0376qzj> - BBC World Service – Science View – Fixing Faults with Genes
- <https://www.bbc.co.uk/programmes/b0135z1m> - BBC Radio - In Our Own Image – Evolving HUmanity
- <https://www.bbc.co.uk/programmes/b09yddx5> - BBC Radio 4 – The Second Genome – Manipulating Our Hidden Half
- <https://www.bbc.co.uk/programmes/p00jz8vj> - BBC World Service – Discovery – In Our Own Image – Episode 1
- <https://www.bbc.co.uk/programmes/p00546ql> - BBC Radio 4 – In Our Time – The Natural Order
- <https://www.bbc.co.uk/programmes/p03cgm7j> - BBC World Service – The State of the Planet

Energy Transfers in and Between Organisms - Photosynthesis; respiration; energy and ecosystems; nutrient cycles.

- <https://www.bbc.co.uk/programmes/p03kc6wj> - BBC World Service – Growing Science – Light
- <https://www.bbc.co.uk/programmes/p011t43z> - BBC Four - Botany: A Blooming History – Clips
- <https://www.bbc.co.uk/programmes/b0435jyv> - BBC Radio 4 – In Our Time – Photosynthesis
- <https://www.bbc.co.uk/programmes/p0376qsg> - BBC World Service – Science View Ocean Ecosystems

Organisms Respond to Changes in their Internal and External Environments - Stimuli, both internal and external, are detected and lead to a response; survival and response; receptors; control of heart rate; nervous coordination; synaptic transmission; skeletal muscles are stimulated to contract by nerves and act as effectors; homeostasis is the maintenance of a stable internal environment; control of blood glucose concentration; control of blood water potential.

- <https://www.bbc.co.uk/programmes/p04jh78t> - BBC World Service – Health Check – How Memories are Made and Lost

Genetics, Populations, Evolution and Ecosystems - Inheritance; populations; evolution may lead to speciation; populations in ecosystems.

- <https://www.bbc.co.uk/programmes/b00hd5mf/clips> - BBC One - Charles Darwin and the Tree of Life – Clips
- <https://www.bbc.co.uk/programmes/p03jrwcx> - BBC World Service – Discovery – Evolution
- <https://www.bbc.co.uk/programmes/p03jrzo1> - BBC World - Discovery – Human Evolution
- <https://www.bbc.co.uk/programmes/p03jrxkx> - BBC World Service – Discovery – Theory of Evolution

- <https://www.bbc.co.uk/programmes/p0376rfb> - BBC World Service – Science View – Human Evolution
- <https://www.bbc.co.uk/programmes/p00545gl> - BBC Radio 4 – In Our Time – Evolution
- <https://www.bbc.co.uk/programmes/p003hyfl> - BBC Radio 4 – In Our Time – Human Evolution

The Control of Gene Expression - Alteration of the sequence of bases in DNA can alter the structure of proteins; gene expression is controlled by a number of features; regulation of transcription and translation; gene expression and cancer; using genome projects; gene function; differences in DNA; genetic fingerprinting.

- <https://www.bbc.co.uk/programmes/p04dnmpd> - BBC World Service – The Forum – DNA: the Code for Making Life
- <https://www.bbc.co.uk/programmes/p0376km2> - BBC World Service – Omnibus – DNA Profiling
- <https://www.bbc.co.uk/programmes/p0376qrt> - BBC World Service – DNA and Genes
- <https://www.bbc.co.uk/programmes/p03jrwwz> - BBC World Service – Discovery – The DNA Family Tree
- <https://www.bbc.co.uk/programmes/p03jrycs> - BBC World Service – A Twist to Life – DNA
- <https://www.bbc.co.uk/programmes/p03jrycm> - BBC World Service – Discovery – A Twist to Life – After DNA
- <https://www.bbc.co.uk/programmes/p0376qtk> - BBC World Service – Science View – DNA, Darwinism and Genes
- <https://www.bbc.co.uk/programmes/p03jrxbn> - BBC World Service – DNA – The Discovery of the 21st century?
- <https://www.bbc.co.uk/programmes/w3csxfj3> - BBC World Service – The Big Idea – Epigenetics
- <https://www.bbc.co.uk/programmes/p0356vjy> - BBC World Service – Genetics Made Simple – What Are Genes?
- <https://www.bbc.co.uk/programmes/p0376qrk> - BBC World Service – Science View – Genes and Behaviour
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- <https://www.bbc.co.uk/programmes/p0359f9h> - BBC World Service – Gene Story – Genes and Development
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- <https://www.bbc.co.uk/programmes/p0376qzj> - BBC World Service – Science View – Fixing Faults with Genes

Edexcel

Biological Molecules - Monomers and polymers; carbohydrates; lipids; proteins and enzymes; nucleic acids and important information - carrying molecules - structure of DNA and RNA; DNA replication; ATP; Water; Inorganic Ions.

- <https://www.bbc.co.uk/programmes/b083n2jg> - BBC Radio 4 – The Life Scientific – Julia Higgins on Polymers
- <https://www.bbc.co.uk/programmes/p0356vk7> - BBC World Service – Genetics Made Simple – Protein
- <https://www.bbc.co.uk/programmes/b08rp369> - BBC Radio 4 – In Our Time – Enzymes
- <https://www.bbc.co.uk/programmes/w3cswqym> - BBC World Service – Science Hour – Engineering a Plastic-Eating Enzyme
- <https://www.bbc.co.uk/programmes/p04dnmpd> - BBC World Service – The Forum – DNA: the Code for Making Life
- <https://www.bbc.co.uk/programmes/p0376km2> - BBC World Service – Omnibus – DNA Profiling
- <https://www.bbc.co.uk/programmes/p0376qrt> - BBC World Service – DNA and Genes
- <https://www.bbc.co.uk/programmes/p03jrwwz> - BBC World Service – Discovery – The DNA Family Tree
- <https://www.bbc.co.uk/programmes/p03jrycs> - BBC World Service – A Twist to Life – DNA
- <https://www.bbc.co.uk/programmes/p03jrycm> - BBC World Service – Discovery – A Twist to Life – After DNA
- <https://www.bbc.co.uk/programmes/p0376qtk> - BBC World Service – Science View – DNA, Darwinism and Genes
- <https://www.bbc.co.uk/programmes/p03jrxbn> - BBC World Service – DNA – The Discovery of the 21st century?

Cells - Cell structure - structure of eukaryotic cells, structure of prokaryotic cells and of viruses; all cells arise from other cells; transport across cell membranes; cell recognition and the immune system.

- <https://www.bbc.co.uk/programmes/p03jrwdj> - BBC World Service – Discovery – Underwater Laboratory – The evolution of prokaryotic cells and eukaryotic cells
- <https://www.bbc.co.uk/programmes/p04gyg26> - BBC World Service – CrowdScience – The Origin of Viruses
- <https://www.bbc.co.uk/programmes/p0359k2k> - BBC World Service – Scientific Journeys – Viruses
- <https://www.bbc.co.uk/programmes/p03590wx> - BBC World Service – Designed for Living – Viruses
- <https://www.bbc.co.uk/programmes/p03jrwt1> - BBC World Service – Discovery – Aggressive Symbiosis
- <https://www.bbc.co.uk/programmes/p0376lx8> - BBC World Service – Omnibus – Disease Detectives
- <https://www.bbc.co.uk/programmes/b09z4jxy> - BBC Radio 4 – The Second Genome – Dirt and Development
- <https://www.bbc.co.uk/programmes/b08qkz77/clips> - BBC Four - Michael Mosley vs The Superbugs – Clips
- <https://www.bbc.co.uk/programmes/p03jrxjn> - BBC World Service – Discovery – The Rise of Autoimmune Diseases

Classification and Biodiversity - Classification; natural selection; biodiversity

- <https://www.bbc.co.uk/programmes/b04d4hq2> - BBC Radio 4 Extra – Plants: From Roots to Riches – Unlocking Biodiversity
- <https://www.bbc.co.uk/programmes/p03cgbvt> - BBC World Service – Global Concerns – Sustaining Biodiversity
- <https://www.bbc.co.uk/programmes/p00546ql> - BBC Radio 4 – The Natural Order
- <https://www.bbc.co.uk/programmes/b008drvm> - BBC Radio 4 – In Our Time – Genetic Mutation
- <https://www.bbc.co.uk/programmes/b04tljk0> - BBC Radio 4 – IN Our Time – Behavioural Ecology

Exchange and Transport - Surface area to volume ratio; cell transport mechanisms; gas exchange; circulation; transport of gases in the blood; transfer of materials between circulatory system and cells; transport in plants.

- <https://www.bbc.co.uk/programmes/p033k0q9> - BBC World Service – The Heart
- <https://www.bbc.co.uk/programmes/b09h72xq> - BBC Radio 4 – Inside Health – The Future Heart

Energy for Biological Process - Aerobic respiration; glycolysis; link reaction and Krebs cycle; oxidative phosphorylation; anaerobic respiration; photosynthesis pigments; photosynthesis

- <https://www.bbc.co.uk/programmes/p03kc6wj> - BBC World Service – Growing Science – Light
- <https://www.bbc.co.uk/programmes/p011t43z> - BBC Four - Botany: A Blooming History – Clips
- <https://www.bbc.co.uk/programmes/b0435jyv> - BBC Radio 4 – In Our Time – Photosynthesis
- <https://www.bbc.co.uk/programmes/p0376qsq> - BBC World Service – Science View Ocean Ecosystems

Microbiology and Pathogens - Microbial techniques; bacteria as pathogens; action of antibiotics; antibiotic resistance; other pathogenic agents; problems of controlling diseases; responses to infection.

- <https://www.bbc.co.uk/programmes/b08qkz77/clips> - BBC Four - Michael Mosley vs the Superbugs – Clips
- <https://www.bbc.co.uk/programmes/p03jrwwr> - BBC World Service – Discovery – Mitochondria and Bacteria
- <https://www.bbc.co.uk/programmes/p0376qzw> - BBC World Service – Science View – Bacteria
- <https://www.bbc.co.uk/programmes/p03590wt> - BBC World Service – Designed for Living – Bacteria
- <https://www.bbc.co.uk/programmes/p03jrwwr> - BBC World Service – Discovery – Waging war on Drug Resistant Bacteria
- <https://www.bbc.co.uk/programmes/b09ntsrz> - BBC Radio 4 – The Infinite Monkey Cage – Antibiotics

- <https://www.bbc.co.uk/programmes/b09b0wbi> - BBC Radio 4 – The Briefing Room – A World Without Antibiotics
- <https://www.bbc.co.uk/programmes/b08kv3yb> - BBC Radio 4 – 50 Things that Made the Modern Economy – Antibiotics
- <https://www.bbc.co.uk/programmes/p0359tdq> - BBC World Service – Insight – Antibiotics

Modern Genetics - Use gene sequencing; factors affecting gene expression; stem cells; gene technology.

- <https://www.bbc.co.uk/programmes/b00lh5gv> - BBC Radio 4 – Leading Edge – The Future of Gene Sequencing
- <https://www.bbc.co.uk/programmes/b05vy4kb> - BBC Radio 4 – The Business of Genetic Ancestry
- <https://www.bbc.co.uk/programmes/p057w3c6> - BBC World Service – The Inquiry – Is Gene Editing Out of Control?
- <https://www.bbc.co.uk/programmes/b00lb5lv> - BBC Radio 4 – Frontiers – Stem Cells
- <https://www.bbc.co.uk/programmes/p0188d3s> - BBC World Service – Science in Action – Stem Cells
- <https://www.bbc.co.uk/programmes/p03jrwh9> - BBC World Service – Discovery – Stem Cells and the Brain

Origins of Genetic Variation - transfer of genetic information; gene pools.

- <https://www.bbc.co.uk/programmes/b07nrxd4> - BBC Radio 4 – Inside the Ethics Committee
- <https://www.bbc.co.uk/programmes/p03jrtnc> - BBC World Service – Science in Action – Genetic Information Extracted from Fossils
- <https://www.bbc.co.uk/programmes/p005465c> - BBC Radio 4 – In Our Time – Medical Ethics

Control Systems - Homeostasis; chemical control in mammals; chemical control in plants; structure and function of the mammalian nervous system; nervous transmission; effects of drugs on the nervous system; detection of light by mammals; control of heart rate in mammals; osmoregulation and temperature regulation.

- <https://www.bbc.co.uk/programmes/p033k0sg> - BBC World Service – Body Talk – The Nervous System
- <https://www.bbc.co.uk/programmes/b00y9283> - BBC Radio 4 – In Our Time – The Nervous System
- <https://www.bbc.co.uk/programmes/p03jrx9g> - BBC World Service – Discovery – Body Temperature

Ecosystems - the nature of ecosystems; energy transfer through ecosystems; changes in ecosystems; human effects on ecosystems

- <https://www.bbc.co.uk/programmes/b01l2swt/clips> - BBC Four - Nature's Microworlds – Clips
- <https://www.bbc.co.uk/programmes/p0376qsg> - BBC World Service – Science View – Ocean Ecosystems
- <https://www.bbc.co.uk/programmes/p03jwhss> - BBC World Service – The Beginner's Guide to Science – Plant Ecology
- <https://www.bbc.co.uk/programmes/p03jrxnd> - BBC World Service – Discovery – The Future of the Forests
- <https://www.my5.tv/alaska-a-year-in-the-wild-2/season-3> - Channel 5 - Alaska: A Year in the Wild
- <https://www.my5.tv/wild-britain/season-1> - Channel 5 - Wild Britain

WJEC

Basic Biochemistry and Cell Organisation - Chemical elements are joined together to form biological compounds; cell structure and organisation; cell membranes and transport; biological reactions are regulated by enzymes; nucleic acids and their functions; genetic information is copied and passed on to daughter cells.

- <https://www.bbc.co.uk/programmes/b01nln7d/clips> - BBC Two - Secret Universe: The Hidden Life of the Cell – Clips
- <https://www.bbc.co.uk/programmes/b08rp369> - BBC Radio 4 – In Our Time – Enzymes
- <https://www.bbc.co.uk/programmes/p03jrwr0> - BBC World Service – Discovery – What Chemicals Came First?

Biodiversity and Physiology of Body Systems - All organisms are related through their evolutionary history; adaptation for gas exchange; adaptations for transport; adaptations for nutrition.

- <https://www.bbc.co.uk/programmes/b00hd5mf/clips> - BBC One - Charles Darwin and the Tree of Life – Clips
- <https://www.bbc.co.uk/programmes/b01qwhk1/clips> - BBC Two - The Living Planet – Clips

Energy, Homeostasis and the Environment - Importance of ATP; photosynthesis uses light energy to synthesis organic molecules; respiration releases chemical energy in biological processes; microbiology; population size and ecosystems; human impact on the environment; homeostasis and the kidney; the nervous system.

- <https://www.bbc.co.uk/programmes/b011vf07/clips> - BBC Four - Botany: A Blooming History – Clips
- <https://www.bbc.co.uk/programmes/b0435jyv> - BBC Radio 4 – In Our Time – Photosynthesis
- <https://www.bbc.co.uk/programmes/p00vc0gv> - BBC World Service – Discovery – Artificial Photosynthesis
- <https://www.bbc.co.uk/programmes/p03kc6wj> - BBC World Service – Growing Science – Light
- <https://www.bbc.co.uk/programmes/b04cb9gw> - BBC Radio 4 Extra – Towards the Light

Variation, Inheritance and Options - Sexual reproduction in humans; sexual reproduction in plants; inheritance; variation and evolution; application of reproduction and genetics; immunology and disease, human musco-skeletal anatomy; neurobiology and behaviour.

- <https://www.bbc.co.uk/programmes/p035cyr1> - BBC World Service – Health Matters – Beyond the Genome
- <https://www.bbc.co.uk/programmes/p051b9r8> - BBC World Service – CrowdScience – Why Do we Have Males and Females?
- <https://www.bbc.co.uk/programmes/b01pzvs6> - BBC Radio 4 – Sexual Nature: A Brief Natural History of Sex
- <https://www.bbc.co.uk/programmes/b00hd5mf/clips> - BBC One - Charles Darwin and the Tree of Life – Clips
- <https://www.bbc.co.uk/programmes/p03jrwcb> - BBC World Service – Discovery – Evolution
- <https://www.bbc.co.uk/programmes/p03jr20l> - BBC World Service – Discovery – Human Evolution
- <https://www.bbc.co.uk/programmes/p03jrxkx> - BBC World Service – Discovery – Theory of Evolution
- <https://www.bbc.co.uk/programmes/p00545gl> - BBC Radio 4 – In Our Time – Evolution
- <https://www.bbc.co.uk/programmes/p003hyfl> - BBC Radio 4 – In Our Time – Human Evolution.

CCEA

Molecules and Cells - Molecules; enzymes; viruses; cells; cell physiology; continuity of cells; tissues and organs.

- <https://www.bbc.co.uk/programmes/b018grhm> - BBC Radio 4 – In Our Time – Macromolecules
- <https://www.bbc.co.uk/programmes/p04gyg26> - BBC World Service – CrowdScience – The Origin of Viruses
- <https://www.bbc.co.uk/programmes/w3cswqym> - BBC World Service – The Science Hour – Engineering a Plastic-Eating Enzyme
- <https://www.bbc.co.uk/programmes/p0359k2k> - BBC World Service – Scientific Journeys – Viruses
- <https://www.bbc.co.uk/programmes/p03590wx> - BBC World Service – Designed for Living – Viruses
- <https://www.bbc.co.uk/programmes/p03jrwtw> - BBC World Service – Discovery – Viruses with an Overcoat.
- <https://www.bbc.co.uk/programmes/w3csv3f0> - BBC World Service – CrowdScience – Can we Make Artificial Organs?

Organisms and Biodiversity - Transport and exchange mechanisms; gaseous exchange; transport in plants and transpiration; circulatory system in mammals; the adaptation of organisms; biodiversity; human impact on biodiversity.

- <https://www.bbc.co.uk/programmes/b01l2swt/clips> - BBC Four - Nature's Microworlds – Clips
- <https://www.bbc.co.uk/programmes/p0376qsg> - BBC World Service – Science View – Ocean Ecosystems
- <https://www.bbc.co.uk/programmes/p03jwhss> - BBC World Service – The Beginner's Guide to Science – Plant Ecology
- <https://www.bbc.co.uk/programmes/p03jrxnd> - BBC World Service – Discovery – The Future of the Forests

Physiology, Co-Ordination and Control, and Ecosystems - Homeostasis; principle of homeostasis; the kidney and excretion; immunity; co-ordination and control - plants, animals; ecosystems - populations, communities, ecological energetics, nutrient cycling.

- <https://www.bbc.co.uk/programmes/b09yddx5> - BBC Radio 4 – The Second Genome – Manipulating Our Hidden Half
- <https://www.my5.tv/alaska-a-year-in-the-wild-2/season-3> - Channel 5 - Alaska: A Year in the Wild
- <https://www.my5.tv/wild-britain/season-1> - Channel 5 - Wild Britain

Biochemistry, Genetics and Evolutionary Trends - Respiration; photosynthesis; DNA as the genetic code; gene technology; genes and patterns of inheritance; population genetics; kingdom plantae; kingdom animalia.

- <https://www.bbc.co.uk/programmes/p04dnmpd> - BBC World Service – The Forum – DNA: the Code for Making Life
- <https://www.bbc.co.uk/programmes/p0376km2> - BBC World Service – Omnibus – DNA Profiling
- <https://www.bbc.co.uk/programmes/p0376qrt> - BBC World Service – DNA and Genes
- <https://www.bbc.co.uk/programmes/p03jrwwz> - BBC World Service – Discovery – The DNA Family Tree
- <https://www.bbc.co.uk/programmes/p03jrycs> - BBC World Service – A Twist to Life – DNA
- <https://www.bbc.co.uk/programmes/p03jrycm> - BBC World Service – Discovery – A Twist to Life – After DNA
- <https://www.bbc.co.uk/programmes/p0376qtk> - BBC World Service – Science View – DNA, Darwinism and Genes
- <https://www.bbc.co.uk/programmes/p03jrxbn> - BBC World Service – DNA – The Discovery of the 21st century?
- <https://www.bbc.co.uk/programmes/p011t43z> - BBC Four - Botany: A Blooming History – How Plants are Adapted to Survive – Clips
- <https://www.bbc.co.uk/programmes/b0435jyv> - BBC Radio 4 – In Our Time – Photosynthesis
- <https://www.bbc.co.uk/programmes/p00vc0gv> - BBC World Service – Discovery – Artificial Photosynthesis
- <https://www.bbc.co.uk/programmes/p0356vjy> - BBC World Service - Genetics Made Simple – What are Genes?

- <https://www.bbc.co.uk/programmes/p0356vl8> - BBC World Service – Genetics Made Simple – Genetics and Ethics
- <https://www.bbc.co.uk/programmes/p0359f9j> - BBC World Service – Gene Story – Behavioural Genetics
- <https://www.bbc.co.uk/programmes/p0356vk7> - BBC World Service – Genetics Made Simple – Protein
- <https://www.bbc.co.uk/programmes/p0356vkk> - BBC World Service – Genetics Made Simple – Cloning
- <https://www.bbc.co.uk/programmes/p0376r65> - BBC World Service – Science View – Genetics
- <https://www.bbc.co.uk/programmes/p033xcln> - BBC World Service – My Century – Working in Genetics
- <https://www.bbc.co.uk/programmes/p00547md> - BBC Radio 4 – In Our Time – Genetics