

GCSE Science 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

Biology A

The processes of life - How do chemical reactions take place in living things?

- http://www.bbc.co.uk/schools/gcsebitesize/science/add_ocr_21c/

Reactions in cells, role of enzymes;

- <https://www.bbc.co.uk/education/clips/zkchyrd> - digestion and seven nutrient groups are listed. Role of enzymes in digestion is also discussed.

How do plants make food? Photosynthesis, cell structures for photosynthesis, limiting factors;

- <http://www.bbc.co.uk/programmes/b0435jyv> - Melvyn Bragg and guests discuss photosynthesis.
- <http://www.bbc.co.uk/programmes/p03kc6wj> - Discussion of light and its role in photosynthesis.
- <http://www.bbc.co.uk/programmes/b04cb9gw> - History of photosynthesis.
- <http://www.bbc.co.uk/programmes/p03kc6wg> - Growing Science - Role of water.
- <http://www.bbc.co.uk/programmes/b052hptj> - What is the Point of Plants? Cox and Ince.

How do living organisms obtain energy? Aerobic respiration, anaerobic respiration, cell structures for respiration.

- <https://www.bbc.co.uk/education/clips/zfrhyrd> - Bitesize programme.

Growth and Development - How do organisms develop?

- <http://www.bbc.co.uk/programmes/b01mk8vh> - In Our Time – The Cell
- <http://www.bbc.co.uk/programmes/b04d1kvq> - Plants from Roots to Riches -Signals of Growth

How does an organism produce new cells?

- <https://www.bbc.co.uk/education/clips/z82cd2p> - Mitosis rap
- <https://www.bbc.co.uk/education/clips/z2h87ty> - Stages of mitosis or cell division
- http://www.bbc.co.uk/schools/gcsebitesize/science/add_ocr_pre_2011/growth_development/ - Meiosis

How do genes control growth and development within the cell?

- <http://www.bbc.co.uk/programmes/p0356vjy> - Genetics Made Simple – What are Genes?
- <http://www.bbc.co.uk/programmes/p03kzwd8> - Editing the Genome
- <http://www.bbc.co.uk/programmes/b01rfwr1> - DNA 60 years on

Brain and Mind - How do animals respond to changes in their environment?

- <http://www.bbc.co.uk/programmes/b00y9283> - Melvyn Bragg and guests discuss the nervous system.

How is information passed through the nervous system?

- <http://www.bbc.co.uk/programmes/p04jh78t> - Synapses - How memories are made and lost

What can we learn through conditioning?

How do humans develop more complex behaviours?

- <http://www.bbc.co.uk/programmes/b017528x> - A History of the brain
- <http://www.bbc.co.uk/programmes/b00xccs9/clips> - BBC Four - The Brain: A Secret History – Clips
- <http://www.bbc.co.uk/programmes/b0435c89> - In Search of Ourselves: A History of Psychology and the Mind – Mapping the Brain
- <http://www.bbc.co.uk/programmes/p0054582> - BBC In Our Time – The Brain and Consciousness
- <http://www.bbc.co.uk/programmes/b00b54yx> - BBC In Our Time – The Brain
- <http://www.bbc.co.uk/programmes/p01gbvm9> - BBC World Service – Deep Down Inside – Examination of Deep Brain Stimulation, brain surgery technique.

Chemistry A

Chemical Patterns - what are the patterns in the properties of the elements?

- http://www.bbc.co.uk/schools/gcsebitesize/science/add_ocr_pre_2011/periodic_table/ - BBC Bitesize

The history of the development of the Periodic Table

- <http://www.bbc.co.uk/programmes/w3cvsfm> - The Alphabet of Chemistry – explanation of the periodic table
- <https://www.bbc.co.uk/education/guides/z84wjxs/revision> - The periodic table – Bitesize
- <https://www.bbc.co.uk/education/clips/zqvwcdm>
- <http://www.bbc.co.uk/science/0/24460393> - iWonder - how elements get their names
- <http://www.bbc.co.uk/programmes/p03n87w8> - BBC World Service – Elements – Copper etc.

Classifying Elements by their Atomic Structure

- <https://www.bbc.co.uk/education/clips/zbv2hyc> - Atomic structure

What types of chemicals make up the atmosphere?

- <http://www.bbc.co.uk/programmes/p03ghnv8> - BBC World Service – Nitrogen
- <http://www.bbc.co.uk/programmes/p059hn5g> - Discovery - Oxygen – The Breath of Life
- <http://www.bbc.co.uk/programmes/b08y016t> - The Infinite Monkey Cage – Oxygen: A Matter of Life and Death
- <http://www.bbc.co.uk/programmes/p03ghnsp> - Oxygen – Elementary
- <http://www.bbc.co.uk/programmes/p0362l7p> - Elements - Oxygen – the element of life
- <http://www.bbc.co.uk/programmes/p0359k1k> - Scientific journeys - oxygen – human beings cannot survive without oxygen.

What reactions happen in the hydrosphere?

What type of chemicals make up the Earth's lithosphere?

- <https://www.bbc.co.uk/education/topics/z238q6f> – BBC Bitesize

How can we extract useful metals from minerals?

- <https://www.bbc.co.uk/education/clips/zjx9jxs> - BBC Bitesize

Chemical Synthesis - chemicals and why we need them

- http://www.bbc.co.uk/schools/gcsebitesize/science/add_ocr_pre_2011/chemical_synthesis/
- <http://www.bbc.co.uk/programmes/p03jrxl3> - BBC World Service – Discovery – Synthetic Chemical Compounds

Physics A

Explaining Motion - How can we describe motion? Calculation of speed, velocity, acceleration, graphical representations of speed and velocity;

<https://www.bbc.co.uk/education/clips/z8vhfg8> - Calculating average speed.

<https://www.bbc.co.uk/education/guides/z3bqtfr/revision> - Speed, velocity and acceleration.

What are Forces?

<https://www.bbc.co.uk/education/guides/z3bqtfr/revision> – Air Resistance

Electric Circuits - Electric current - a flow of what?

- <http://www.bbc.co.uk/programmes/b06s9rz9> - Michael Faraday - In Our Time

Voltage, current and resistance, series and parallel circuits

How is mains electricity produced?

- <http://www.bbc.co.uk/schools/gcsebitesize/science/aqa/mains/> - BBC Bitesize
- <https://www.bbc.co.uk/education/clips/znqb9j6> - Series and Parallel Circuits - Clips

Radioactive Materials - Why are some materials radioactive?

- <http://www.bbc.co.uk/programmes/b05n1dmt> - The Curies - BBC In Our Time
- <http://www.bbc.co.uk/programmes/b09r4c8f> - Richard Henderson zooms in on the molecules of life
- <http://www.bbc.co.uk/programmes/p0376qqb> - BBC World Service – Nuclear Fusion
- <http://www.bbc.co.uk/programmes/p03jrtgg> - BBC World Service – Science in Action – Nuclear Fusion in a Beaker
- <http://www.bbc.co.uk/programmes/b04mgtdq> - BBC In Our Time – Nuclear Fusion
- <http://www.bbc.co.uk/programmes/p01rsrkq> - BBC World Service – Science in Action – Nuclear Fusion Heating Up
- <http://www.bbc.co.uk/programmes/p004t22q> - BBC World Service – Discovery – Nuclear Fusion
- <http://www.bbc.co.uk/programmes/p01zss44> - Taming the Sun
- <http://www.bbc.co.uk/programmes/b048nlfb> - BBC In Our Time – The Sun
- <http://www.bbc.co.uk/programmes/b0999613> - BBC News - Click – Fukushima’s Radiation Robots
- <http://www.bbc.co.uk/programmes/p033jybn> - BBC World Service – Bluffer’s Guide to Science – Radiation – what is it and how can it be both beneficial and harmful.
- <http://www.bbc.co.uk/programmes/b00nqljy> - BBC Radio 4 – In Our Time – Radiation
- <http://www.bbc.co.uk/programmes/p03jrw1> - Chernobyl - Ten Years On
- <http://www.bbc.co.uk/programmes/p03rh5rq> - BBC Witness - Chernobyl Nuclear Disaster
- <http://www.bbc.co.uk/programmes/p03cgc0x> - BBC World Service – The Legacy and Findings of the Chernobyl Nuclear Disaster

- <http://www.bbc.co.uk/programmes/p02ybvdI> - Hiroshima Bomb - 70th Anniversary
- <http://www.bbc.co.uk/programmes/p02ft4qv> - BBC Witness - Evidence of the Big Bang
- <http://www.bbc.co.uk/programmes/b06d2g5g> - BBC Radio 4 Analysis – Can We Learn to Live with Nuclear Power?
- <http://www.bbc.co.uk/programmes/b010mckx> - Fallout - The Legacy of Chernobyl
- <http://www.bbc.co.uk/programmes/b00pqjs9> - Lise Meitner - Nuclear fission
- <http://www.bbc.co.uk/programmes/p03cgl8h> - BBC World Service – Otto Hahn’s Nuclear Power
- <http://www.bbc.co.uk/programmes/b00yz3gy> - BBC In Our Time – The Age of the Universe – (Background Radiation).

AQA

Biology

Cell biology

- <http://www.bbc.co.uk/programmes/b007753d> - BBC In Our Time – Microbiology

Infection and response

- <http://www.bbc.co.uk/programmes/b09b0wbj> - A World Without Antibiotics? The Briefing Room

Bioenergetics

Homeostasis and response

Inheritance, variation and evolution

- <http://www.bbc.co.uk/programmes/p03590ws> - Designed for Living – Human Evolution
- <http://www.bbc.co.uk/programmes/p0376rfb> - BBC World Service – Human Evolution
- <http://www.bbc.co.uk/programmes/p03jrxkx> - BBC World Service - Discovery – Theory of Evolution
- <http://www.bbc.co.uk/programmes/p03jr20l> - BBC World Service – Discovery – Human Evolution
- <http://www.bbc.co.uk/programmes/p03jrwcb> - BBC World Service – Discovery – Evolution
- <http://www.bbc.co.uk/programmes/b06yjly5/clips> - Nature’s Wonderlands: Islands of Evolution – Clips
- <http://www.bbc.co.uk/programmes/b04dq51x/clips> - BBC Four - The Wonder of Animals – Clips
- <http://www.bbc.co.uk/programmes/b00hd5mf/clips> - BBC One - Charles Darwin and the Tree of Life
- <http://www.bbc.co.uk/programmes/p003hyfl> - BBC Radio 4 – In Our Time – Human Evolution
- <http://www.bbc.co.uk/programmes/p00545gl> - BBC In Our Time - Evolution

Ecology

- <http://www.bbc.co.uk/programmes/p03jwhss> - The Beginner’s Guide to Science – Plant Ecology
- <http://www.bbc.co.uk/programmes/p0344pf5> - BBC World Service – A Green History

Chemistry

Atomic structure and the periodic table

- <https://www.bbc.co.uk/education/clips/zbv2hyc> - Atomic structure
- <http://www.bbc.co.uk/programmes/w3cvsfvm> - The Alphabet of Chemistry – explanation of the periodic table

- <https://www.bbc.co.uk/education/guides/z84wjxs/revision> - The periodic table – Bitesize
- <https://www.bbc.co.uk/education/clips/zqvwcdm>
- <http://www.bbc.co.uk/science/0/24460393> - iWonder - how elements get their names
- <http://www.bbc.co.uk/programmes/p03n87w8> - BBC World Service – Elements – Copper etc.

Organic chemistry

- <http://www.bbc.co.uk/programmes/p03jrxmr> - Organic Chemistry - BBC World Service - Discovery

Chemical analysis

Chemistry of the atmosphere

- <http://www.bbc.co.uk/programmes/b075mdy9> - Chemistry of urban atmospheres

Using resources

- <http://www.bbc.co.uk/programmes/p02q3dj4> - BBC World Service – Water Works
- <http://www.bbc.co.uk/programmes/b01k9vgv> - BBC Radio 4 - Amazonia - Keeping Alive

Physics

Energy

Electricity

- <http://www.bbc.co.uk/programmes/p00kjq6d/clips> – BBC Four - Shock and Awe: The Story of Electricity – Clips
- <http://www.bbc.co.uk/programmes/p033jwmj> - BBC World Service – Physics Made Simple – Electricity
- <http://www.bbc.co.uk/programmes/p035xjt2> - BBC World Service – The Scale of Things – Electricity
- <http://www.bbc.co.uk/programmes/b04wwgzc> - BBC Radio 4 – David Baddiel Tries to Understand – Electricity
- <http://www.bbc.co.uk/programmes/b09rx4z9> - BBC Radio 4 – Analysis – Political Electricity

Forces

- <https://www.bbc.co.uk/programmes/b07k8lpv/clips> - BBC One - Forces of Nature with Brian Cox - Clips

Waves

Magnetism and electromagnetism

- <http://www.bbc.co.uk/programmes/p033jwr3> - BBC World Service – Physics Made Simple – Magnetism

- <http://www.bbc.co.uk/programmes/p02p1h0b> - BBC World Service – The Forum – Magnetism
- <http://www.bbc.co.uk/programmes/p003k9dd> - BBC Radio 4 – In Our Time – Magnetism
- <http://www.bbc.co.uk/programmes/p03jrymy> - Discovery - Good Vibrations – Electromagnetism
- <http://www.bbc.co.uk/programmes/b09gbnfj> - BBC Radio 4 – Carl Friedrich Gauss
- <http://www.bbc.co.uk/programmes/b093yd8l> - The Curious Cases of Rutherford and Fry – Shocking Surprise.
- <https://www.bbc.co.uk/education/clips/zph87ty> - BBC Bitesize - The Electromagnetic Spectrum

Edexcel

Biology

Life processes depend on molecules whose structure is related to their function; the fundamental units of living organisms are cells, which may be part of highly adapted structures including tissues, organs and organ systems, enabling living processes to be performed effectively; living organisms may form populations of single species, communities of many species and ecosystems, interacting with each other, with the environment and with humans in many different ways; Living organisms are interdependent and show adaptations to their environment

How do chemical reactions take place in living things?

- http://www.bbc.co.uk/schools/gcsebitesize/science/add_ocr_21c/

Reactions in cells, role of enzymes

- <https://www.bbc.co.uk/education/clips/zkchyrd> - digestion and seven nutrient groups are listed. Role of enzymes in digestion is also discussed.

Highly adapted structures

- <https://www.bbc.co.uk/programmes/b04dq51x/episodes/player> - BBC Four - The Wonder of Animals – Series – Including Birds of Prey, Snakes, Bats

Ecosystems

- <http://www.bbc.co.uk/programmes/b0112swt/clips> - BBC Four - Nature's Microworlds – Clips showing ecosystems, single species and communities.
- <http://www.bbc.co.uk/programmes/b0911yqh/clips> - BBC One - Super Small Worlds – Clips
- <http://www.bbc.co.uk/programmes/b008044n/clips> - BBC One - The Blue Planet – Clips

Life on Earth is dependent on photosynthesis in which green plants and algae trap light from the Sun to fix carbon dioxide and combine it with hydrogen from water to make organic compounds and oxygen;

How do plants make food? Photosynthesis, cell structures for photosynthesis, limiting factors;

- <http://www.bbc.co.uk/programmes/b0435jyv> - Melvyn Bragg and guests discuss photosynthesis.
- <http://www.bbc.co.uk/programmes/p03kc6wj> - Discussion of light and its role in photosynthesis.
- <http://www.bbc.co.uk/programmes/b04cb9gw> - History of photosynthesis.
- <http://www.bbc.co.uk/programmes/p03kc6wg> - Growing Science - Role of water.
- <http://www.bbc.co.uk/programmes/b052hptj> - What is the Point of Plants? Cox and Ince.

How do living organisms obtain energy?

- <https://www.bbc.co.uk/education/clips/zfrhyrd> - Bitesize programme.

Organic compounds are used as fuels in cellular respiration to allow the other chemical reactions necessary for life; the chemicals in ecosystems are continually cycling through the natural world; the characteristics of a living organism are influenced by its genome and its interaction with the environment; evolution occurs by a process of natural selection and accounts both for biodiversity and how organisms are all related to varying degrees.

- <https://www.bbc.co.uk/education/clips/z82cd2p> - Mitosis rap
- <https://www.bbc.co.uk/education/clips/z2h87ty> - Stages of mitosis or cell division
- http://www.bbc.co.uk/schools/gcsebitesize/science/add_ocr_pre_2011/growth_development/ - Meiosis

Chemistry - matter is composed of tiny particles called atoms and there are about 100 different naturally occurring types of atoms called elements; elements show periodic relationships in their chemical and physical properties; these periodic properties can be explained in terms of the atomic structure of the elements; atoms bond by either transferring electrons from one atom to another or by sharing electrons; the shapes of molecules and the way giant structures are arranged is of great importance in terms of the way they behave; there are barriers to reaction so reactions occur at different rates; chemical reactions take place in only three different ways: proton transfer, electron transfer, electron sharing; energy is conserved in chemical reactions so can therefore be neither nor destroyed.

- http://www.bbc.co.uk/schools/gcsebitesize/science/add_ocr_pre_2011/periodic_table/ - Periodic table BBC Bitesize

Classifying Elements by their Atomic Structure

- <https://www.bbc.co.uk/education/clips/zbv2hyc> - Atomic structure

Elements

- <http://www.bbc.co.uk/programmes/p03ghnv8> - BBC World Service – Nitrogen
- <http://www.bbc.co.uk/programmes/p059hn5g> - Discovery - Oxygen – The Breath of Life
- <http://www.bbc.co.uk/programmes/b08y016t> - The Infinite Monkey Cage – Oxygen: A Matter of Life and Death
- <http://www.bbc.co.uk/programmes/p03ghnsp> - Oxygen – Elementary
- <http://www.bbc.co.uk/programmes/p0362l7p> - Elements - Oxygen – the element of life
- <http://www.bbc.co.uk/programmes/p0359k1k> - Scientific journeys - oxygen – human beings cannot survive without oxygen.
- <https://www.bbc.co.uk/education/clips/zjx9jxs> - BBC Bitesize
- <http://www.bbc.co.uk/programmes/p03n87w8> - BBC World Service – Series - Elements

Physics - the use of model, as in the particle model of matter or the wave models of light and of sound; the concept of cause and effect in explaining such links as those between force and acceleration, or between changes in atomic nuclei and radioactive emissions; the phenomena of 'action at a distance' and the related concept of the field as they key to analysing electrical, magnetic and gravitational effects; that differences, for example between pressures or temperatures or

electrical potentials, are the driver of change; that proportionally, for example between weight and mass of an object or between force and extension in a spring, is an important aspect of many models in science; that physical laws and models are expressed in mathematical form.

- <http://www.bbc.co.uk/programmes/b04mgtdq> - BBC Radio 4 – In Our Time – Nuclear Fusion – Melvyn Bragg and guests discuss nuclear fusion.

CCEA

B1 - Living Processes and Biodiversity

- http://www.bbc.co.uk/schools/gcsebitesize/science/add_ocr_21c/

Reactions in cells, role of enzymes

- <https://www.bbc.co.uk/education/clips/zkchyrd> - digestion and seven nutrient groups are listed. Role of enzymes in digestion is also discussed.

Highly adapted structures

- <https://www.bbc.co.uk/programmes/b04dq51x/episodes/player> - BBC Four - The Wonder of Animals – Series – Including Birds of Prey, Snakes, Bats

Ecosystems

- <http://www.bbc.co.uk/programmes/b0112swt/clips> - BBC Four - Nature's Microworlds – Clips showing ecosystems, single species and communities.
- <http://www.bbc.co.uk/programmes/b0911yqh/clips> - BBC One - Super Small Worlds – Clips
- <http://www.bbc.co.uk/programmes/b008044n/clips> - BBC One - The Blue Planet – Clips
- <https://www.bbc.com/earth/uk> - Blue Planet II – Clips

Enzymes

- <http://www.bbc.co.uk/programmes/b08rp369> - BBC Radio 4 – In Our Time – Melvyn Bragg and guests discuss enzymes.

B2 - Body Systems, Genetics, Micro-organism and Health -

- <http://www.bbc.co.uk/programmes/b0435jyv> - Melvyn Bragg and guests discuss photosynthesis.
- <http://www.bbc.co.uk/programmes/p03kc6wj> - Discussion of light and its role in photosynthesis.
- <http://www.bbc.co.uk/programmes/b04cb9gw> - History of photosynthesis.
- <http://www.bbc.co.uk/programmes/p03kc6wg> - Growing Science - Role of water.
- <http://www.bbc.co.uk/programmes/b052hptj> - What is the Point of Plants? Cox and Ince.

Aerobic respiration, anaerobic respiration, cell structures for respiration.

- <https://www.bbc.co.uk/education/clips/zfrhyrd> - Bitesize programme.

Circulatory System

- <http://www.bbc.co.uk/programmes/p033k0rd> - BBC World Service – Body Talk – Blood – including a discussion of red and white blood cells.

C1 - Structures, trends and chemical reactions

- http://www.bbc.co.uk/schools/gcsebitesize/science/add_ocr_pre_2011/periodic_table/ - Periodic table BBC Bitesize

Classifying Elements by their Atomic Structure

- <https://www.bbc.co.uk/education/clips/zbv2hyc> - Atomic structure

C2 - Further Chemical Reactions and Organic Chemistry

P1 - Force and Motion, Energy, Moments

- <https://www.bbc.co.uk/programmes/b07k8lvp/clips> - BBC One - Forces of Nature with Brian Cox – Clips

Radioactivity

- <http://www.bbc.co.uk/programmes/b05n1dmt> - The Curies - BBC In Our Time
- <http://www.bbc.co.uk/programmes/b09r4c8f> - Richard Henderson zooms in on the molecules of life
- <http://www.bbc.co.uk/programmes/p0376qqb> - BBC World Service – Nuclear Fusion
- <http://www.bbc.co.uk/programmes/p03jrtgg> - BBC World Service – Science in Action – Nuclear Fusion in a Beaker
- <http://www.bbc.co.uk/programmes/b04mgtdq> - BBC In Our Time – Nuclear Fusion
- <http://www.bbc.co.uk/programmes/p01rsrkq> - BBC World Service – Science in Action – Nuclear Fusion Heating Up
- <http://www.bbc.co.uk/programmes/p004t22q> - BBC World Service – Discovery – Nuclear Fusion
- <http://www.bbc.co.uk/programmes/p01zss44> - Taming the Sun
- <http://www.bbc.co.uk/programmes/b048nlfb> - BBC In Our Time – The Sun
- <http://www.bbc.co.uk/programmes/b0999613> - BBC News - Click – Fukushima’s Radiation Robots
- <http://www.bbc.co.uk/programmes/p033jybn> - BBC World Service – Bluffer’s Guide to Science – Radiation – what is it and how can it be both beneficial and harmful.
- <http://www.bbc.co.uk/programmes/b00nqljy> - BBC Radio 4 – In Our Time – Radiation
- <http://www.bbc.co.uk/programmes/p03jrw1> - Chernobyl - Ten Years On
- <http://www.bbc.co.uk/programmes/p03rh5rq> - BBC Witness - Chernobyl Nuclear Disaster
- <http://www.bbc.co.uk/programmes/p03cgc0x> - BBC World Service – The Legacy and Findings of the Chernobyl Nuclear Disaster
- <http://www.bbc.co.uk/programmes/p02ybvdl> - Hiroshima Bomb - 70th Anniversary
- <http://www.bbc.co.uk/programmes/p02ft4qv> - BBC Witness - Evidence of the Big Bang
- <http://www.bbc.co.uk/programmes/b06d2g5g> - BBC Radio 4 Analysis – Can We Learn to Live with Nuclear Power?
- <http://www.bbc.co.uk/programmes/b010mckx> - Fallout - The Legacy of Chernobyl
- <http://www.bbc.co.uk/programmes/b00pqjs9> - Lise Meitner - Nuclear fission

- <http://www.bbc.co.uk/programmes/p03cgl8h> - BBC World Service – Otto Hahn’s Nuclear Power
- <http://www.bbc.co.uk/programmes/b00yz3gy> - BBC In Our Time – The Age of the Universe – (Background Radiation).

P2 - Waves, Sound and Light, Electricity, and the Earth and Universe; Waves, Sound and Light; electricity;

- <http://www.bbc.co.uk/programmes/b06s9rz9> - Michael Faraday - In Our Time
- <http://www.bbc.co.uk/schools/gcsebitesize/science/aqa/mains/> - BBC Bitesize
- <https://www.bbc.co.uk/education/clips/znqb9j6> - Series and Parallel Circuits – Clips

The Earth and the Universe

- <http://www.bbc.co.uk/programmes/b00c84kd> - BBC Radio 4 Extra – Cosmic Quest – Worlds Beyond – A narrative history of astronomy
- <http://www.bbc.co.uk/programmes/b07jyrdg> - BBC Radio 4 – The Infinite Monkey Cage – The Recipe to Build a Universe – Brian Cox and Robin Ince ask what ingredients you need to build a universe.
- <http://www.bbc.co.uk/programmes/p03jry9s> - BBC World Service – What Remains to be Discovered? Cosmology
- <http://www.bbc.co.uk/programmes/p03bhszp> - BBC World Service – Space – Clips
- <http://www.bbc.co.uk/programmes/b006mk7h> - BBC Four - The Sky at Night – Patrick Moore series.