



Current & Upcoming Pods

Last Updated: 03.03.2017

Our Pods cover 20+ subjects, 8 exams boards, and 150 specifications. We publish new Pods regularly and update this content list on a monthly basis. Our Account and Project Managers can give you further detail if required.

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Combined Science

NEW FOR EXAMINATION IN 2018

- Combined Science - AQA (Trilogy), for examination in 2018
- Combined Science - Edexcel, for examination in 2018
- Combined Science - OCR A (Gateway), for examination in 2018
- Combined Science - OCR B (21st Century), for examination in 2018
- Combined Science - WJEC Eduqas, for examination in 2018

Science (Double Award)

- Science (Double Award) - WJEC new spec, for examination in 2018

Geography

Geography for examination in 2017

Geography new spec, for examination in 2018

AQA

Edexcel A

Edexcel B

OCR A

OCR B

Cambridge IGCSE

History

History for examination in 2017

History new spec, for examination in 2018

AQA

Edexcel

OCR A [Gateway]

OCR B [21st Century]

Eduqas

WJEC

Cambridge IGCSE

Edexcel International

ICT -

NOT MAPPED TO EXAM BOARDS

Computer Science

[Computer Science](#) for examination in 2017

[Computer Science](#) new spec, for examination in 2018

Religious Studies - NOT MAPPED TO EXAM BOARDS

French

Spanish

German

Welsh

Music Theory

D&T

PE

[PE](#) for examination in 2017

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Business Studies

[Business Studies](#) for AQA

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Revision & Study Skills

At A Glance Guide: Publishing for New UK Specs



Books *(Number of chapters/pods in brackets)*

A Christmas Carol by Charles Dickens (26)

Animal Farm by George Orwell (28)

Frankenstein by Mary Shelley (19)

Great Expectations by Charles Dickens (30)

Jane Eyre by Charlotte Bronte (28)

Lord of the Flies by William Golding (28)

Never Let Me Go by Kuzuo Ishiguro (17)

Of Mice and Men by John Steinbeck (25)

Pride and Prejudice by Jane Austen (30)

To Kill a Mockingbird by Harper Lee (37)

The Sign of Four by Arthur Conan Doyle (20)

The Strange Case of Dr. Jekyll and Mr Hyde by Robert Louis Stevenson (18)

Wuthering Heights by Emily Bronte (34)



Plays *(Number of chapters/pods in brackets)*

An Inspector Calls by J.B. Priestley (23)

Blood Brothers by Willy Russell (20)

Hamlet by William Shakespeare (19)

Macbeth by William Shakespeare (25)

Much Ado About Nothing by William Shakespeare (17)

Othello by William Shakespeare (17)

Romeo & Juliet by William Shakespeare (24)

The Crucible by Arthur Miller (24)

The Curious Incident of the Dog in the Night-Time by Mark Haddon, ad. Simon Stephens (16)

The Merchant of Venice by William Shakespeare (17)

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A View From The Bridge by Arthur Miller (21)



AQA Poetry Anthology for examination in 2017

(Number of chapters/pods in brackets)

Love and Relationships

Before You Were Mine by Carol Ann Duffy (5)

Climbing My Grandfather by Andrew Waterhouse (5)

Eden Rock by Charles Causley (5)

Follower by Seamus Heaney (5)

Letters From Yorkshire by Maura Dooley (5)

Love's Philosophy by Percy Bysshe Shelley (5)

Neutral Tones by Thomas Hardy (5)

Porphyria's Lover by Robert Browning (5)

The Farmer's Bride by Charlotte Mew (5)

Singh Song! by Daljit Nagra (5)

Sonnet 29 by Elizabeth Barrett Browning (5)

Walking Away by Cecil Day Lewis (5)

Winter Swans by Owen Sheers (5)

When We Two Parted by Lord Byron (5)



Power and Conflict

Bayonet Charge by Ted Hughes (5)

Checking Out Me History by John Agard (5)

Dulce Et Decorum Est by Wilfred Owen (5)

Exposure by Wilfred Owen (5)

Kamikaze by Beatrice Garland (5)

London by William Blake (5)

My Last Duchess by Robert Browning (5)

Ozymandias by Percy Bysshe Shelley (5)

Poppies by Jane Weir (5)

Storm on the Island by Seamus Heaney (5)

The Charge of the Light Brigade by Alfred Lord Tennyson (5)

The émigree by Carol Rumens (5)

The Prelude (Extract) by William Wordsworth (5)

Tissue by Imtiaz Dharker (5)

War Photographer by Carol Ann Du

English Literature



Unseen Poetry *(Number of chapters/pods in brackets)*

Approaching Unseen Poetry (6)



Additional Poetry Resources

(Number of chapters/pods in brackets)

As Imperceptibly As Grief by Emily Dickinson (5)

Blessing by Imtiaz Dharker (5)

Half-Caste by John Agard (5)

Hurricane Hits England by Grace Nichols (5)

Night of the Scorpion by Nissim Ezekiel (5)

Nothing's Changed by Tatamkhulu Afrika (5)

Presents from my Aunts in Pakistan by Moniza Alvi (5)

Search For My Tongue by Sujata Bhatt (5)

Two Scavengers in a Truck, Two Beautiful People in a Mercedes by Lawrence
Ferlinghetti (5)

Unrelated Incidents by Tom Leonard (5)

Vultures by Chinua Achebe (5)

Brendon Gallacher by Jackie Kay (5)

Casehistory: Alison (head injury) by U.A. Fanthorpe (5)

Checking Out Me History by John Agard (5)

Give by Simon Armitage (5)

English Literature



- Horse Whisperer** by Andrew Forster (5)
- Les Grands Seigneurs** by Dorothy Molloy (5)
- Medusa** by Carol Ann Duffy (5)
- My Last Duchess** by Robert Browning (6)
- On a Portrait of a Deaf Man** by John Betjeman (5)
- Ozymandias** by Percy Shelley (5)
- Singh Songh!** by Daljit Nagra (5)
- The Clown Punk** by Simon Armitage (5)
- The River God** by Stevie Smith (5)
- The Hunchback in the Park** by Dylan Thomas (5)
- The Ruined Maid** by Thomas Hardy (5)
- A Vision** by Simon Armitage (5)
- Below the Green Corrie** by Norman MacCaig (5)
- Cold Knap Lake** by Gillian Clarke (5)
- Hard Water** by Jean Sprackland (5)
- London** by William Blake (6)

English Literature



Neighbours by Gillian Clarke (5)

Price We Pay For The Sun by Grace Nichols (5)

She Walks In Beauty by Lord Byron (5)

Spellbound by Emily Brontë (5)

Storm in the Black Forest by D.H Lawrence (5)

The Blackbird of Glanmore by Seamus Heaney (5)

The Moment by Margaret Atwood (5)

The Prelude (extract) by William Wordsworth (5)

The Wild Swans at Coole by WB Yeats (5)

Wind by Ted Hughes (5)

Crossing the Loch by Kathleen Jamie (5)

Born Yesterday by Phillip Larkin (5)

Brothers by Andrew Forster (5)

Ghazal by Mimi Khalvati (5)

Harmonium by Simon Armitage (5)

Hour by Carol Ann Duffy (5)

Nettles by Vernon Scannell (5)

English Literature



- Sister Maude** by Christina Rossetti (5)
- Sonnet 43** by Elizabeth Barrett Browning (5)
- Quickdraw** by Carol Ann Duffy (5)
- Sonnet 116** by William Shakespeare (5)
- The Farmer's Bride** by Charlotte Mew (5)
- The Manhunt** by Simon Armitage (5)
- To His Coy Mistress** by Andrew Marvell (5)
- Praise Song for My Mother** by Grace Nicholls (5)
- At the Border, 1979** by Choman Hardi (5)
- Bayonet Charge** by Ted Hughes (5)
- Belfast Confetti** by Ciaran Carson (5)
- Come on, Come Back** by Stevie Smith (5)
- Flag** by John Agard (5)
- Futility** by Wilfred Owen (5)
- Hawk Roosting** by Ted Hughes (5)
- Mametz Wood** by Owen Sheers (5)
- Next to of course God America** by E. E. Cummings (5)
- Poppies** by Jane Weir (5)
- The Charge of the Light Brigade** by Alfred Lord Tennyson (5)

English Literature



The Falling Leaves by Margaret Postgate Cole (5)

The Right Word by Imtiaz Dharker (5)

The Yellow Palm by Robert Minhinnick (5)

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A Wife in London by Thomas Hardy (5)

Afternoons by Philip Larkin (5)

Cozy Apologia by Rita Dove (5)

Death of a Naturalist by Seamus Heaney (5)

In Paris with You by James Fenton (5)

Remains by Simon Armitage (5)

The Soldier by Rupert Brooke (5)

To Autumn by John Keats (5)

Valentine by Carol Ann Duffy (5)

English Language



Writing *(Number of chapters/pods in brackets)*

Presentational Devices and Language (6)

Structure, Purpose and Audience (4)

Tone, Language and Form (3)

Writing to Advise (7)

Writing to Analyse (6)

Writing to Argue (6)

Writing to Comment (6)

Writing to Describe (6)

Writing to Entertain (7)

Writing to Explain (6)

Writing to Explore (6)

Writing to Inform (7)

English Language



Writing to Persuade (6)

Writing to Review (6)

Writing Skills (5)

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Transactional Writing (7)

Directed Writing and Composition (8)

Writing Skills (14)



Reading *(Number of chapters/pods in brackets)*

Comprehension (5)

How to Read Advertisements & Leaflets (6)

How to Read Articles (6)

How to Read Autobiography & Biography (6)

How to Read Fact Sheets & Instructions (5)

How to Read Letters, Diaries & Speeches (5)

Reading Skills (5)

Summary Writing (3)

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Reading Passages (15)

Creative Writing (4)

Reading Fiction (10)

Reading Non-Fiction (10)

English Language



Speaking and Listening *(Number of chapters/pods in brackets)*

Speaking and Listening (7)

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Delivering a Successful Presentation (4)



Spelling, Punctuation & Grammar

(Number of chapters/pods in brackets)

Spelling, Punctuation & Grammar (9)



Mathematics for examination in 2017

(Number of chapters/pods in brackets)

Algebra

Algebraic manipulation (9)

Calculators (3)

Calculus (2)

Equations (9)

Formulae (5)

Linear Graphs (9)

Matrices (1)

Non-linear Graphs (17)

Sequences (9)

The Language of Algebra (7)

Number

Accuracy (8)

Calculation (6)

Calculators (1)

Converting (3)

Mathematics



Number [continued]

Decimals (5)

Decimals & Units (1)

Fractions (6)

Integers (4)

Percentages (5)

Powers & Roots (9)

Ratio & Proportion (5)

Geometry and Measures

Angles (5)

Accurate Drawing (5)

Congruence & Similarity (7)

Language & Conventions (7)

Length, Area & Volume (8)

Matrices (1)

Properties of Shapes (6)

Trigonometry (7)

Units (5)

Mathematics



Statistics

Analysing Data (8)

Calculators (1)

Collecting Data (5)

Combined Events (4)

Language Sets (1)

Representing Data (9)

Sets (2)

Single Event Probability (4)



Mathematics pre-2017 examinations and resits

(Number of chapters/pods in brackets)

Algebra

Equations Part One (7)

Equations Part Two - Higher Level Only (4)

Graphs and Functions (8)

Sequences (7)

The Use of Letter Symbols (9)

Data Handling

Averages (5)

Data (5)

Probability Part 1 (7)

Probability Part 2 - Higher Level Only (3)

Ways of Presenting Data Part 1 (9)

Ways of Presenting Data Part 2 - Higher Level Only (6)

Mathematics



Number

Decimals (7)

Fraction, Decimal and Percentage Conversions (6)

Fractions (8)

Integers (6)

Number Operations Part 1 (7)

Number Operations Part 2 (3)

Percentages (7)

Powers and Roots (5)

Ratio and Proportion (5)

Rounding and Estimating (6)

Surds - Higher Level Only (3)

Mathematics



Shape, Space and Measures

3D Objects (9)

Angles (6)

Circle Theorems - Higher Level Only (7)

Circles (3)

Constructions and Loci (7)

Measures (6)

Perimeter and Area (6)

Pythagoras' Theorem (4)

Transformations and Vectors (10)

Trigonometry - Higher Level Only (7)

Science: Biology



AQA for examination in 2017

(Number of chapters/pods in brackets)

B1.1/Keeping healthy

B1.1.1/Diet and exercise (2)

B1.1.2/How our bodies defend themselves against infectious diseases (7)

B1.2/Nerves and hormones

B1.2.1/The nervous system (2)

B1.2.2/Control in the human body (4)

B1.2.3/Control in plants (2)

B1.3/The use and abuse of drugs

B1.3.1/Drugs (4)



B1.4/Interdependence and adaptation

B1.4.1/Adaptations (3)

B1.4.2/Environmental change (1)

B1.5/Energy and biomass in food chains

B1.5.1/Energy in biomass (1)

B1.6/Waste materials from plants and animals

B1.6.1/Decay processes (1)

B1.6.2/The carbon cycle (1)

B1.7/Genetic variation and its control

B1.7.1/Why organisms are different (1)

B1.7.2/Reproduction (3)

B1.8/Evolution

B1.8.1/Evolution (4)



B2.1/Cells and simple transport

B2.1.1/Cells and structure (1)

B2.1.2/Dissolved substances (1)

B2.2/Tissues, organs and organ systems

B2.1.1/Cells and structure (2)

B2.1.2/Dissolved substances (1)

B2.3/Photosynthesis

B2.3.1/Photosynthesis (3)

B2.4/Organisms and their environment

B2.4.1/Distribution of organisms (1)

B2.5/Proteins – their functions and uses

B2.5.1/Proteins (1)

B2.5.2/Enzymes (4)

Science: Biology



B2.6/Aerobic and anaerobic respiration

B2.6.1/Aerobic respiration (3)

B2.6.2/Anaerobic respiration (1)

B2.7/Cell division and inheritance

B2.7/Cell division and inheritance (1)

B2.7.1/Cell division (4)

B2.7.2/Genetic variation (3)

B2.7.3/Genetic disorders (2)

B2.8/Speciation

B2.8.1/Old and new species (3)

B3.1/Movement of molecules in and out of cells

B3.1.1/Dissolved substances (3)

B3.1.2/Gaseous exchange (1)

B3.1.3/Exchange systems in plants (1)



B3.2/Transport systems in plants and animals

B3.2.1/The blood system (2)

B3.2.2/The blood (1)

B3.2.3/Transport systems in plants (1)

B3.3/Homeostasis

B3.3.1/Removal of waste and water control (3)

B3.3.2/Temperature control (1)

B3.3.3/Sugar control (1)

B3.4/Humans and their environment

B3.4/Humans and their environment (1)

B3.4.1/Waste from human activity (1)

B3.4.2/Deforestation and the destruction of areas of peat (1)

B3.4.3/Biofuels (3)

B3.4.4/Food production (1)



AQA for examination in 2018

(Number of chapters/pods in brackets)

B4.1/ Cell Biology

B4.1.1/Cell Structure (4)

B4.1.2/Cell Division (6)

B4.1.3/Transport in Cells (5)

B4.2/ Organisation

B4.2.2/Animal Tissues, Organs and Organ Systems (11)

B4.2.3/Plant Tissues, Organs and Systems (3)

B4.3/ Infection & Response

B4.3.1/Communicable Diseases (11)

B4.3.2/Monoclonal Antibodies (1)

B4.3.3/Plant Disease (1)



B4.4/Bioenergetics

B4.4.1/Photosynthesis (5)

B4.4.2/Respiration (5)

B4.5/Homeostasis & Response

B4.5.1/Homeostasis (1)

B4.5.2/The Human Nervous System (8)

B4.5.3/Hormonal Coordination in Humans (15)

B4.5.4/Plant Hormones (2)

B4.6/Inheritance, Variation & Evolution

B4.6.1/Reproduction (15)

B4.6.2/Variation and Evolution (5)

B4.6.3/The Development of Understanding of Genetics & Evolution (9)

B4.6.4/Classification of Living Organisms (4)

Science: Biology



B4.7/Ecology

B4.7.1/Adaptations, Interdependence and Competition (4)

B4.7.2/Organisation of an Ecosystem (5)

B4.7.3/Biodiversity & the Effect of Human Interaction on Ecosystem (6)

B4.7.4/Trophic Systems in an Ecosystem (4)

B4.7.5/Food Production (9)

Science: Biology



Edexcel for examination in 2017

(Number of chapters/pods in brackets)

B1/Influences on Life

B1.1/Classification, variation and inheritance (13)

B1.2/Responses to a changing environment (9)

B1.3/Problems of, and solutions to a changing environment (17)

B2/The components of life

B2.1/The building blocks of cells (12)

B2.2/Organisms and energy (9)

B2.3/Common systems (7)

B3/Using biology

B3.1/Control systems (17)

B3.2/Behaviour (11)

B3.3/Biotechnology (6)

Science: Biology



Edexcel for examination in 2018
(Number of chapters/pods in brackets)

B1/Key Concepts in Biology

B1/Key Concepts in Biology (4)

B2/Key Concepts in Biology

B2/Cells and Control (18)

B3/Genetics

B3/Genetics (12)

B4/Natural Selection and Genetic Modification

B4/Natural Selection and Genetic Modification (14)

B5/Health, Disease and the Development of Medicines

B5/Health, Disease and the Development of Medicines (21)

Science: Biology



B6/Plant Structures and Their Functions

B6/Plant Structures and Their Functions (11)

B7/Animal Coordination, Control and Homeostasis

B7/Animal Coordination, Control and Homeostasis (15)

B8/Exchange and Transport in Animals

B8/Exchange and Transport in Animals (12)

B9/Ecosystems and Material Cycles

B9/Ecosystems and Material Cycles (20)



OCR A (21st Century) for examination in 2017 *(Number of chapters/pods in brackets)*

B1/You and your genes

B1.1/What are genes and how do they affect the way that organisms develop? (1)

B1.2/Why can people look like their parents, brothers and sisters,
but not be identical to them? (4)

B1.3/How can and should genetic information be used?

How can we use our knowledge of genes to prevent disease? (4)

B1.4/How is a clone made? (2)

B2/Keeping healthy

B2.1/How do our bodies resist infection? (2)

B2.2/What are vaccines and antibiotics and how do they work? (5)

B2.3/What factors increase the risk of heart disease? (3)

B2.4/How do our bodies keep a healthy water balance? (4)



B3/Life on Earth

B3.1/Systems in balance – how do different species depend on each other? (9)

B3.2/How has life on Earth evolved? (6)

B3.3/What is the importance of biodiversity? (3)

B4/The processes of life

B4.1/How do chemical reactions take place in living things? (5)

B4.2/How do plants make food? (3)

B4.3/How do living organisms obtain energy? (3)

B5/Growth and development

B5.1/How do organisms develop? (5)

B5.2/How does an organism produce new cells? (3)

B5.3/How do genes control growth and development within the cell? (3)

Science: Biology



B6/Brain and mind

B6.1/How do animals respond to changes in their environment? (2)

B6.2/How is information passed through the nervous system? (5)

B6.3/Can reflex responses be learned? (1)

B6.4/How do humans develop more complex behaviour? (3)

B7/Further Biology

B7.1/Peak performance – movement and exercise (3)

B7.2/Peak performance – circulation (1)

B7.3/Peak performance – energy balance (4)

B7.4/What can we learn from natural ecosystems? (6)

B7.5/New technologies (7)

Science: Biology



OCR A (Gateway) for examination in 2018 *(Number of chapters/pods in brackets)*

B1/Cell Level Systems

B1.1/Cell Structures (2)

B1.2/What Happens in Cells (and What Do Cells Need?) (5)

B1.3/Respiration (6)

B1.4/Photosynthesis (3)

B2/Scaling Up

B2.1/Supplying the Cell (7)

B2.2/The Challenges of Size (11)

B3/Organism Level Systems

B3.1/Coordination and Control – the Nervous System (7)

B3.2/Coordination and Control – the Endocrine System (8)

B3.3/Maintaining Internal Environments (9)

Science: Biology



B4/Community Level Systems

B4.1/Ecosystems (11)

B5/Genes, Inheritance and Selection

B5.1/Inheritance (11)

B5.2/Natural Selection and Evolution (8)

B6/Global Challenges

B6.1/Monitoring and Maintaining the Environment (8)

B6.2/Feeding the Human Race (12)

B6.3/Monitoring and Maintaining Health (25)



OCR B (Gateway) for examination in 2017 *(Number of chapters/pods in brackets)*

B1/Understanding Organisms

B1a/Fitness and health (1)

B1b/Human health and diet (2)

B1c/Staying healthy (5)

B1d/The nervous system (2)

B1e/Drugs and you (3)

B1f/Staying in balance (2)

B1g/Controlling plant growth (1)

B1h/Variation and inheritance (2)

B2/Understanding Our Environment

B2a/Classification (3)

B2b/Energy flow (1)

B2c/Recycling (2)

B2d/Interdependence (2)

B2e/Adaptations (3)



B2/Understanding Our Environment [continued]

B2f/Natural selection (2)

B2g/Population and pollution (3)

B2h/Sustainability (2)

B3/Living and Growing

B3a/Molecules of life (2)

B3b/Proteins and mutations (2)

B3c/Respiration (1)

B3d/Cell Division (2)

B3e/The Circulatory system (2)

B3f/Growth and development (3)

B3g/New genes for old (2)

B3h/Cloning (2)



B4/It's a Green World

B4a/Ecology in the local environment (2)

B4b/Photosynthesis (3)

B4c/Leaves and photosynthesis (1)

B4d/Diffusion and osmosis (2)

B4e/Transport in plants (1)

B4f/Plants need minerals (1)

B4g/Decay (1)

B4h/Farming (3)

B5/The Living Body

B5a/Skeletons (2)

B5b/Circulatory systems and the cardiac cycle (2)

B5c/Running repairs (2)

B5d/Respiratory systems (3)

B5e/Digestion (2)

B5f/Waste disposal (5)

B5g/Life goes on (4)

B5h/Growth and repair (1)

Science: Biology



B6/Beyond the Microscope

B6a/Understanding microbes (3)

B6b/Harmful microorganisms ((3)

B6c/Useful microorganisms (3)

B6d/Biofuels (2)

B6e/Life in soil (1)

B6f/Microscopic life in water (3)

B6g/Enzymes in action (2)

B6h/Gene technology (3)

Science: Biology



OCR B (21st Century) for examination in 2018 *(Number of chapters/pods in brackets)*

B1/You and Your Genes

B1.1/What is the Genome and What Does It Do? (7)

B1.2/How is Genetic Information Inherited? (3)

B1.3/How Can and Should Gene Technology Be Used? (6)

B2/Keeping Healthy

B2.1/What are the Causes of Disease? (5)

B2.2/How Do Organisms Protect Themselves Against Pathogens? (4)

B2.3/How Can We Prevent the Spread of Infections? (4)

B2.4/How Can We Identify the Cause of an Infection? (3)

B2.5/How Can Lifestyle, Genes and the Environment Affect My Health? (7)

B2.6/How Can We Treat Disease (1)

B3/Living Together – Food and Ecosystems

B3.1/What Happens During Photosynthesis? (6)



B3/Living Together – Food and Ecosystems [Continued]

B3.2/How Do Producers Get the Substances They Need? (6)

B3.3/How Are Organisms In An Ecosystem Interdependent? (10)

B3.4/How Are Populations Affected by Conditions in an Ecosystem? (4)

B4/Using Food and Controlling Growth

B4.1/What Happens During Cellular Respiration? (4)

B4.3/How Do Organisms Grow and Develop? (8)

B4.4/How Is Plant Growth Controlled? (3)

B4.5/Should We Use Stem Cells to Treat Damage and Disease? (1)

B5/The Human Body – Staying Alive

B5.1/How Do Substances Get Into, Out Of and Around Our Bodies? (5)

B5.2/How Does The Nervous System Help Us To Respond To Changes? (6)

B5.3/How Do Hormones Control Responses In The Human Body? (1)

B5.4/Why Do We Need To Maintain a Constant Internal Environment? (6)

B5.5/What Role Do Hormones Play In Human Reproduction? (4)

B5.6/What Can Happen When Organs and Control Systems Stop Working? (3)

Science: Biology



B6/Life on Earth – Past, Present and Future

B6.1/How Was The Theory of Evolution Developed? (6)

B6.2/How Do Sexual and Asexual Reproduction Affect Evolution? (3)

B6.3/How Does Our Understanding of Biology Help Us Classify the Diversity of Organisms on Earth? (2)

B6.4/How Is Biodiversity Threatened and How Can We Protect It? (10)

Science: Biology



CCEA Science

(Number of chapters/pods in brackets)

for examination in 2017

B1.1/Cells

Bacterial Cells (1)

Cells (1)

Stem Cells (2)

Plant Cells (1)

Growth (1)

Specialisation (1)

B1.2/Photosynthesis and Plants

Investigating Photosynthesis (1)

Limiting Factors (1)

Uses of Products of Photosynthesis (1)

B1.3/Nutrition and Health

Food and Health (2)

Sources and Functions of the Components of a Balanced Diet (1)



B1.4/Enzymes and Digestion

Enzymes (2)

The Digestive System (1)

B1.5/Breathing and Respiratory System

Aerobic and Anaerobic Respiration (3)

Breathing and Respiratory System (2)

The Respiratory System (1)

Lung Model (1)

Respiratory Surfaces (2)

B1.6/Nervous System and Hormones

Diabetes (2)

Hormones (1)

Plant Hormones (2)

Central Nervous System

Reflex Arc

Science: Biology



B1.6/Nervous System and Hormones [continued]

The Eye

Voluntary and Reflex Actions

Neurones and Synapses



Cambridge IGCSE for examination in 2017/18

(Number of chapters/pods in brackets)

B1/Characteristics and Classification of Living Organisms

B1.1/Characteristics of Living Organisms (1)

B1.2/Concept and Use of a Classification System (2)

B1.3/Features of Organisms (4)

B1.4/Dichotomous Keys (1)

B2/Organisation of the Organism

B2.1/Cell Structure and Organisation (1)

B2.2/Levels of Organisation (1)

B3/Movement In and Out of Cells

B3.1/Diffusion (1)

B3.2/Osmosis (1)



B4/Biological Molecules

B4.1/Biological Molecules (4)

B5/Enzymes

B5.1/Enzymes (1)

B6/Plant Nutrition

B6.1/Photosynthesis (3)

B6.2/Leaf Structure (1)

B6.3/Mineral Requirements (1)

B7/Human Nutrition

B7.1/Diet (1)

B7.2/Alimentary Canal (1)

B7.3/Mechanical Digestion (1)

B7.4/Chemical Digestion (1)



B8/Transport in Plants

B8.1/Transpiration (1)

B9/Transport in Animals

B9.1/Heart (2)

B9.2/Blood and Lymphatic Vessels (2)

B9.3/Blood (2)

B10/Diseases and Immunity

B10.1/Diseases and Immunity (7)

B11/Gas Exchange in Humans

B11.1/Gas Exchange in Humans (2)



B12/Respiration

B12.1/Respiration (3)

B12.2/Aerobic Respiration (1)

B12.3/Anaerobic Respiration (1)

B13/Excretion in Humans

B13.1/Excretion in Humans (4)

B14/Coordination and Response

B14.1/Nervous Control In Humans (5)

B14.2/Sense Organs (1)

B14.3/Hormones in Humans (2)

B14.4/Homeostasis (3)

B14.5/Tropic Responses (2)



B15/Drugs

B15.1/Drugs (1)

B15.2/Medicinal Drugs (2)

B15.3/Misused Drugs (3)

B16/Reproduction

B16.1/Asexual Reproduction (2)

B16.2/Sexual Reproduction in Plants (3)

B16.3/Sex Hormones in Humans (2)

B16.4/Methods of Birth Control in Humans (2)

B16.5/Sexually Transmitted Infections (STIs) (1)

B16.6/Sexual Reproduction in Humans (4)

B17/Inheritance

B17.1/Chromosomes, Genes and Proteins (2)

B17.2/Mitosis (1)

B17.3/Meiosis (1)

Science: Biology



B17/Inheritance [Continued]

B17.4/Monohybrid Inheritance (3)

B18/Variation and Selection

B18.1/Variation (3)

B18.2/Adaptive Features (1)

B18.3/Selection (3)

B19/Organisms and Their Environment

B19.1/Energy Flow (1)

B19.2/Food Chains and Food Webs (1)

B19.3/Nutrient Cycles (3)

B19.4/Population Size (2)

B20/Biotechnology and Genetic Engineering

B20.1/Biotechnology (4)

B20.2/Genetic Engineering (1)

Science: Biology



B21/Human Influences on Ecosystems

B21.1/Habitat Destruction (2)

B21.2/Pollution (2)

B21.3/Conservation (6)

B21.4/Food Supply (2)



Edexcel International for examination in 2017/18 *(Number of chapters/pods in brackets)*

B1/The Nature and Variety of Living Organisms

B1a/Characteristics of Living Organisms (1)

B1b/Variety of Living Organisms (2)

B2/Structures and Functions in Living Organisms

B2a/Levels of Organisation (1)

B2b/Cell Structure (1)

B2c/Biological Molecules (2)

B2d/Movement of Substances Into and Out of Cells (2)

B2e/Nutrition (6)

B2f/Respiration (4)

B2g/Gas Exchange (6)

B2h/Transport (10)

B2i/Excretion (5)

B2j/Coordination and Response (9)

Science: Biology



B3/Reproduction and Inheritance

B3a/Reproduction (7)

B3b/Inheritance (12)

B4/Ecology and the Environment

B4a/The Organism in the Environment (2)

B4b/Feeding Relationships (1)

B4c/Cycles Within Ecosystems (3)

B4d/Human Influences on the Environment (4)

B5/Use of Biological Resources

B5a/Food Production (7)

B5b/Selective Breeding (1)

B5c/Genetic Modification (Genetic Engineering) (4)

B5d/Cloning (2)



WJEC Science for examination in 2017

(Number of chapters/pods in brackets)

B1/Biology 1

B1.1/Variety of Life, Adaptation and Competition (5)

B1.2/Monitoring the Environment, Energy Flow and Nutrient Transfer (7)

B1.3/Inheritance (10)

B1.4/Variation (3)

B1.5/Evolution (4)

B1.6/Response and Regulation (5)

B1.7/Health (6)

B2/Biology 2

B2.1/Cells and Cell Processes (14)

B2.2/Substances Enter and Leave Cells Through the Cell Membrane (2)

B2.3/Photosynthesis (4)

B2.4/Respiration (4)

B2.5/Digestion (3)

B2.6/Respiratory System (4)

B2.7/Biodiversity and Environment (3)

Science: Biology



B3/Biology 3

B3.1/Plants, Water and Nutrients (4)

B3.2/Blood and Circulation (4)

B3.3/Nervous System (4)

B3.4/Role of the Kidney in Homeostasis (8)

B3.5/Microorganisms and Disease (9)

B3.6/Microorganisms and their Applications (4)

Science: Biology



WJEC Eduqas

(Number of chapters/pods in brackets)

for examination in 2018

COMING SOON:

1/Cell biology

1.1/Prokaryotic and eukaryotic cells (1)

1.2/Growth and development of cells (9)

1.3/Cell metabolism (8)

2/Transport systems

2.1/Transport in cells (3)

2.2/Transport systems in humans (3)

2.3/Transport systems in plants (4)

3/Health, disease and the development of medicine

3.1/Health and disease (1)

3.2/Communicable disease (10)

3.3/Treating, curing and preventing disease (8)

3.4/Non-communicable diseases in humans (5)



4/Coordination and control

- 4.1/Nervous coordination and control in humans (7)
- 4.2/Hormonal coordination and control in humans (7)
- 4.3/Homeostasis in humans (8)
- 4.4/Plant hormones (2)

5/Photosynthesis

- 5/Photosynthesis (3)

6/Ecosystems

- 6.1/Levels of organisation within an ecosystem (7)
- 6.2/The principle of material cycling (7)
- 6.3/Biodiversity (3)
- 6.4/Some of the biological challenges of increasing food yields using fewer resources (7)

7/Inheritance, variation and evolution

- 7.1/The genome and gene expression (6)
- 7.2/Inheritance (5)
- 7.3/Variation and evolution (12)
- 7.4/Selective breeding and gene technology (5)



AQA for examination in 2017

(Number of chapters/pods in brackets)

C1.1/The fundamental ideas in chemistry

C1.1.1/Atoms (3)

C1.1.2/The periodic table (1)

C1.1.3/Chemical reactions (1)

C1.2/Limestone and building materials

C1.2.1/Calcium carbonate (3)

C1.3/Metals and their uses

C1.3.1/Extracting metals (4)

C1.3.2/Alloys (1)

C1.3.3/Properties and uses of metals (1)

C1.4/Crude oil and fuels

C1.4/Crude oil (1)

C1.4.1/Crude oil (1)

C1.4.2/Hydrocarbons (1)

C1.4.3/Hydrocarbon fuels (1)



C1.5/Other useful substances from crude oil

C1.5.1/Obtaining useful substances from crude oil (2) C1.5.2/Polymers (3)

C1.5.3/Ethanol (1)

C1.6/Plant oils and their uses

C1.6.1/Vegetable oils (2)

C1.6.2/Emulsions (1)

C1.7/Changes in the Earth and its atmosphere

C1.7/Changes in the Earth and its atmosphere (1)

C1.7.1/The Earth's crust (2)

C1.7.2/The Earth's atmosphere (3)

C2.1/Structure and bonding

C2.1.1/Structure and bonding (4)

C2.2/How structure influences the properties and uses of substances

C2.2.1/Molecules (1)

C2.2.2/Ionic compounds (1)

C2.2.3/Covalent structures (1)

C2.2.4/Metals (1)

C2.2.6/Nanoscience (1)



C2.3/Atomic structure, analysis and quantitative chemistry

C2.3.1/Atomic structure (2)

C2.3.2/Analysing substances (2)

C2.3.3/Quantitative chemistry (3)

C2.4/Rates of reaction

C2.4.1/Rates of reaction (6)

C2.5/Exothermic and endothermic reactions

C2.5.1/Energy transfer in chemical reactions (2)

C2.6/Acids, bases and salts

C2.6.1/Making salts (1)

C2.6.2/Acids and bases (2)

C2.7/Electrolysis

C2.7.1/Electrolysis (4)

C3.1/The periodic table

C3.1.1/The early periodic table (1)

C3.1.3/Trends within the periodic table (5)



C3.2/Water

C3.2.1/Hard and soft water (2)

C3.2.2/Purifying water (1)

C3.3/Calculating and explaining energy change

C3.3.1/Energy from reactions (5)

C3.4/Further analysis and quantitative chemistry

C3.4.1/Analysing substances (Further analysis) (5)

C3.5/The production of ammonia

C3.5.1/Making ammonia (1)

C3.6/Alcohols, carboxylic acids and esters

C3.6.1/Alcohols (1)

C3.6.2/Carboxylic acids (1)

C3.6.3/Esters (1)



AQA for examination in 2018

(Number of chapters/pods in brackets)

C4.1/Atomic Structure and the Periodic Table

C4.1.1/A Simple Model of the Atom, Symbols, Relative Atomic Mass, Electronic Charge and Isotopes (10)

C4.1.2/The Periodic Table (7)

C4.1.3/Properties of Transition Metals (2)

C4.2/Bonding, Structure and the Properties of Matter

C4.2.1/Chemical Bonds, Ionic, Covalent and Metallic (6)

C4.2.2/How Bonding and Structure are Related to the Properties of Substance (3)

C4.2.3/Structure and Bonding of Carbon (1)

C4.2.4/Bulk and Surface Properties of Matter, Including Nanoparticles (1)

C4.3/Quantitative Chemistry

C4.3.1/Chemical Measurements, Conservation of Mass and Quantitative Interpretation of Chemical Equations (4)

C4.3.2/Use of Amount of Substance in Relation to Masses of Pure Substances (5)



C4.3/Quantitative Chemistry [Continued]

C4.3.3/Yield and Atom Economy of Chemical Reactions (1)

C4.3.4/Using Concentrations of Solutions in mol/dm³ (1)

C4.3.5/Use of Amount of Substance In Relation to Volumes of Gases (1)

C4.4/Chemical Changes

C4.4.1/Reactivity of Metals (5)

C4.4.2/Reactions of Acids (10)

C4.4.3/Electrolysis (3)

C4.5/Energy Changes

C4.5.1/Exothermic and Endothermic Reactions (4)

C4.5.2/Chemical Cells and Fuel Cells (3)

C4.6/The Rate and Extent of Chemical Change

C4.6.1/Rate of Reaction (6)

C4.6.2/Reversible Reactions and Dynamic Equilibrium (2)

C4.7/Organic Chemistry

C4.7.1/Carbon Compounds as Fuels and Feedstock (5)

C4.7.2/Reactions of Alkenes and Alcohols (4)

C4.7.3/Synthetic and Naturally Occurring Polymers (3)



C4.8/Chemical Analysis

C4.8.1/Purity, Formulations and Chromatography (3)

C4.8.3/Identification of Ions By Chemical and Spectroscopic Means (6)

C4.9/Chemistry of the Atmosphere

C4.9.1/The Composition and Evolution of the Earth's Atmosphere (1)

C4.9.2/Carbon Dioxide and Methane as Greenhouse Gases (2)

C4.9.3/Common Atmospheric Pollutants and Their Sources (2)

C4.10/Using Resources

C4.10.1/Using the Earth's Resources and Obtaining Portable Water (4) C4.10.2/Life Cycle Assessment and Recycling (3)

C4.10.3/Using Materials (5)

C4.10.4/The Haber Process and the Use of NPK Fertilisers (3)

COMING SOON

Chemical Analysis –

C4.8.2/Identification of Common Gases (1)



Edexcel for examination in 2017

(Number of chapters/pods in brackets)

C1/Chemistry in our world

C1.1/The Earth's sea and atmosphere (2)

C1.2/Materials from the Earth (6)

C1.3/Acids (3)

C1.4/Obtaining and using materials (6)

C1.5/Fuels (12)

C2/Discovering chemistry

C2.1/Atomic structure and the periodic table (6)

C2.2/Ionic compounds and analysis (8)

C2.3/Covalent compounds and separation techniques (5)

C2.4/Groups in the period table (8)

C2.5/Chemical reactions (7)

C3/Chemistry in action

C3.1/Qualitative analysis (2)

C3.2/Quantitative analysis (7)

C3.3/Electrolytic processes (5)

C3.4/Gases, equilibria and ammonia (4) C3.5/Organic chemistry (6)



Edexcel for examination in 2018

(Number of chapters/pods in brackets)

Formulae, equations and hazards

Formulae, equations and hazards (2)

1/Key concepts in chemistry

Atomic structure (5)

The periodic table (3)

Ionic bonding (2)

Covalent bonding (2)

Types of substance (5)

Calculations involving masses (7)

2/States of matter and mixtures

States of matter (1)

Methods of separating and purifying substances (5)

3/Chemical changes

Acids (10)

Electrolytic processes (6)



4/Extracting metals and equilibria

Obtaining and using metals (8)

Reversible reactions and equilibria (1)

5/Separate chemistry 1

Transition metals, alloys and corrosion (4)

Quantitative analysis (4)

Dynamic equilibria (2)

Chemical cells and fuel cells (2)

6/Groups in the periodic table

Group 1 (2)

Group 7 (2)

Group 0 (1)

7/Rates of reaction and energy changes

Rates of reaction (6)

Heat energy changes in chemical reactions (5)



8/Fuels and Earth science

Fuels (8)

Earth and atmospheric science (4)

9/Separate chemistry 2

Qualitative analysis: tests for ions (4)

Hydrocarbons (2)

Polymers (5)

Alcohols and carboxylic acids (3)

Bulk and surface properties of matter including nanoparticles (4)



OCR A (21st Century) for examination in 2017

(Number of chapters/pods in brackets)

C1/Air quality

C1.1/Which chemicals make up air, and which ones are pollutants? How do I make sense of data about air pollution? (2)

C1.2/What chemical reactions produce air pollutants? What happens to these pollutants in the atmosphere? (4)

C1.3/What choices can we make personally, locally, nationally or globally to improve air quality? (2)

C2/Material choices

C2.2/Why is crude oil important as a source of new materials such as plastics and fibres? (3)

C2.3/Why does it help to know about the molecular structure of materials such as plastics and fibres? (1)

C2.4/What is nanotechnology and why is it important? (1)



C3/Chemicals in our lives - risks and benefits

C3.1/What were the origins of minerals in Britain that contribute to our economic wealth? (3)

C3.2/Where does salt come from and why is it so important? (1)

C3.3/Why do we need chemicals such as alkalis and chlorine and how do we make them? (4)

C3.4/What can we do to make our use of chemicals safe and sustainable? (2)

C4/Chemical patterns

C4.1/What are the patterns in the properties of elements? (9)

C4.2/How do chemists explain the patterns in the properties of elements? (4)

C4.3/How do chemists explain the properties of compounds of Group 1 and Group 7 elements? (2)

C5/Chemicals of the natural environment

C5.1/What types of chemicals make up the atmosphere? (2)

C5.2/What reactions happen in the hydrosphere? (3)

C5.3/What types of chemicals make up the Earth's lithosphere? (2)

C5.4/How can we extract useful metals from minerals? (9)



C6/Chemical synthesis

C6.1/Chemicals and why we need them (3)

C6.2/Planning, carrying out and controlling a chemical synthesis (11)

C7/Further chemistry

C7.1/Green chemistry (3)

C7.2/Alcohols, carboxylic acids and esters (8)

C7.3/Energy changes in chemistry (3)

C7.4/Reversible reactions and equilibria (3)

C7.5/Analysis (6)



OCR A (Gateway) for examination in 2018

(Number of chapters/pods in brackets)

1/Particles

1.1/The particle model (2)

1.2/Atomic structure (5)

2/Elements, compounds and mixtures

2.1/Purity and separating mixtures (9)

2.2/Bonding (9)

2.3/Properties of materials (6)

3/Chemical reactions

3.1/Introducing chemical reactions (7)

3.2/Energetics (5)

3.3/Types of chemical reactions (11)

3.4/Electrolysis (4)

4/Predicting and identifying reactions and products

4.1/Predicting chemical reactions (10)

4.2/Identifying the products of chemical reactions (5)



5/Monitoring and controlling chemical reactions

5.1/Monitoring chemical reactions (7)

5.2/Controlling reactions (6)

5.3/Equilibria (1)

6/Global challenges

6.1/Improving processes and products (12)

6.2/Organic chemistry (12)

6.3/Interpreting and interacting with earth systems (8)



OCR B (Gateway) for examination in 2017

(Number of chapters/pods in brackets)

1/Carbon Chemistry

C1/Fundamental Chemical Concepts - Carbon Chemistry (3)

C1a/Making crude oil useful (2)

C1b/Using carbon fuels (2)

C1c/Clean air (4)

C1d/Making polymers (4)

C1e/Designer polymers (2)

C1f/Cooking and food additives (2)

C1g/Smells (4)

C1h/Paints and pigments (1)

C2/Chemical Resources

C2a/The structure of the Earth (4)

C2b/Construction materials (3)

C2c/Metals and alloys (4)

C2d/Making cars (1)

C2e/Manufacturing chemicals: making ammonia (1)

C2f/Acids and bases (3)

C2g/Fertilisers and crop yields (1)

C2h/Chemicals from the sea: the chemistry of sodium chloride (2)



C3/Chemical Economics

C3a/Rates of reaction 1 (2)

C3b/Rates of reaction 2 (2)

C3c/Rates of reaction 3 (2)

C3d/Reacting masses (1)

C3e/Percentage yield and atom economy (1)

C3f/Energy (2)

C3g/Batch or continuous? (2)

C3h/Allotropes of carbon and nanochemistry (2)

C4/The Periodic Table

C4a/Atomic structure (4)

C4b/Ionic bonding (3)

C4c/The Periodic Table and covalent bonding (4)

C4d/The Group 1 elements (3)

C4e/The Group 7 elements (2)

C4f/Transition elements (2)

C4g/Metal structure and properties (2)

C4h/Purifying and testing water (1)



OCR B (21st Century) for examination in 2018

(Number of chapters/pods in brackets)

C1/Air and Water

C1.1/How Has The Earth's Atmosphere Changed Over Time And Why? (9)

C1.2/Why Are There Temperature Changes In Chemical Reactions? (6)

C1.3/What Is The Evidence For Climate Change – Why Is It Occurring? (4)

C1.4/How Can Scientists Help Improve The Supply Of Portable Water? (2)

C2/Chemical Patterns

C2.1/How Have Our Ideas About Atoms Developed Over Time? (5)

C2.2/What Does the Periodic Table Tell Us About The Elements (7)

C2.3/How Do Metals and Non-Metals Combine to Form Compounds? (3)

C2.4/How Are Equations Used To Represent Chemical Reactions? (1)

C2.5/What Are the Properties of Transition Metals? (2)

C3/Chemicals of the Natural Environment

C3.1/How Are The Atoms Held Together In A Metal? (1)

C3.2/How Are Metals With Different Reactivities Extracted? (5)

C3.3/What Are Electrolytes and What Happens During Electrolysis? (5)

C3.4/Why Is Crude Oil Important As A Source of New Materials? (9)



C4/Material Choices

C4.1/How Is Data Used to Choose a Material For a Particular Use? (3)

C4.2/What Are The Different Types of Polymers? (3)

C4.3/How Do Bonding and Structure Affect Properties of Materials? (6)

C4.4/Why Are Nanoparticles So Useful? (1)

C4.5/What Happens To Products at the End of Their Useful Life? (4)

C5/Chemical Analysis

C5.1/How Are Chemicals Separated and Tested for Purity? (4)

C5.2/How Do Chemists Find the Composition of Unknown Samples? (3)

C5.3/How Are The Amounts of Substances In Reactions Calculated? (3)

C5.4/How Are The Amounts of Chemicals In Solution Measured? (9)

C6/Making Useful Chemicals

C6.1/What Useful Products Can Be Made from Acids?

C6.2/How Do Chemists Control The Rate of Reactions? (7)

C6.3/What Factors Affect The Yield of Chemical Reactions? (1)

C6.4/How Are Chemicals Made on an Industrial Scale? (5)



CCEA Science for examination in 2017

(Number of chapters/pods in brackets)

C1.1/Elements, Compounds and Mixtures

Compounds (1)

Elements (1)

Mixtures (1)

Separation and Analysis of Mixtures (2)

C1.2/Solubility

Solubility (1)

C1.2/Atomic Structure

Atomic Structure (5)

C1.3/Bonding

Covalent Bonding (1)

Ionic Bonding (2)

Metallic Bonding (1)



C1.4/Structures

Alloys (1)

Giant Covalent Structures (1)

Structures (2)

C1.5/Equations

Chemical Equations (1)

Symbols and Formulae (1)

C1.6/Periodic Table

Basic Structure of the Periodic Table (4)

Group 1 (2)

Group 7 (2)

History of Development (1)

C1.7/Quantitative Chemistry Part One

Calculations on Formulae of Compounds (1)

Percentage Yield (1)

RAM/RMM/RFM (1)

The Mole (1)



C1.8/Acids, Bases and salts

Acids, Bases and Salts (2)

Preparation of Salts (1)

Reactions of Acids (1)

Strength of Acids and Alkalis (1)

C1.9/Tests for Ions

Test for Ions (2)

C1.10/Solubility

Solubility (1)

C2.1/Reactivity Series of Metals

Reactivity Series of Metals (1)

C2.2/Water

Fluoridation (1)

Hard and Soft Water (2)



C2.3/Different Types of Chemical Reactions

Different Types of Chemical Reactions (1)

Energetics (2)

Redox (1)

Rusting (1)

The Atmosphere (2)

The Earth's Surface (3)

Thermal Decomposition (2)

C2.4/Rates of Reaction

Rates of Reaction (8)

C2.1/Reactivity Series of Metals

Reactivity Series of Metals (1)

C2.2/Water

Fluoridation (1)

Hard and Soft Water (2)

C2.3/Different Types of Chemical Reactions

Different Types of Chemical Reactions (1)

Energetics (2)

Redox (1)

Rusting (1)



C2.3/Different Types of Chemical Reactions [continued]

The Atmosphere (2)

The Earth's Surface (3)

Thermal Decomposition (2)

C2.4/Rates of Reaction

Rates of Reaction (8)



Cambridge IGCSE for examination in 2017/18

(Number of chapters/pods in brackets)

C1/The Particulate Nature of Matter

C1/The Particulate Nature of Matter (4)

C2/Experimental Techniques

C2.1/Measurement (1)

C2.2/Purity (2)

C3/Atoms, Elements and Compounds

C3.1/Atomic Structure and the Periodic Table (3)

C3.2/Bonding (5)

C4/Stoichiometry

C4.1/Stoichiometry (5)

C4.2/The Mole Concept (3)



C5/Electricity and Chemistry

C5/Electricity and Chemistry (7)

C6/Chemical Energetics

C6.1/Energetics of a Reaction (4)

C6.2/Energy Transfer (3)

C7/Chemical Reactions

C7.1/Rate (Speed) of Reaction (6)

C7.2/Reversible Reactions (1)

C7.3/Redox (1)

C8/Acids, Bases and Salts

C8.1/The Characteristic Properties of Acids and Bases (3)

C8.2/Preparation of Salts (1)



C9/The Periodic Table

C9.1/The Periodic Table (2)

C9.2/Group Properties (4)

C9.3/Transition Elements (2)

C9.4/Noble Gases (1)

C10/Metals

C10.1/Properties of Metals (2)

C10.2/Reactivity Series (3)

C10.3/Extraction of Metals (4)

C11/Air and Water

C11.1/Water (2)

C11.2/Air (5)

C11.3/Nitrogen and Fertilisers (2)

C11.4/Carbon Dioxide and Methane (4)

C12/Sulfur

C12/Sulfur (1)



C13/Carbonates

C13/Carbonates (2)

C14/Organic Chemistry

C14.1/Names of Compounds (1)

C14.2/Fuels (2)

C14.3/Alkanes (1)

C14.4/Alkenes (2)

C14.5/Alcohols (2)

C14.6/Carboxylic Acids (1)

C14.7/Polymers (4)



Edexcel International for examination in 2017/18

(Number of chapters/pods in brackets)

C1/Principles of Chemistry

C1a/States of Matter (2)

C1b/Atoms (2)

C1c/Atomic Structure (2)

C1d/Relative Formula Masses and Molar Volumes of Gas (2)

C1e/Chemical Formulae and Chemical Equations (3)

C1f/Ionic Compounds (3)

C1g/Covalent Substances (3)

C1h/Metallic Crystals (1)

C1i/Electrolysis (4)

C2/Chemistry of the Elements

C2a/The Periodic Table (3)

C2b/Group 1 Elements: Lithium, Sodium and Potassium (2)

C2c/Group 7 Elements: Chlorine, Bromine and Iodine (3)

C2d/Oxygen and Oxides (6)



C2/Chemistry of the Elements [continued]

C2e/Hydrogen and Water (3)

C2f/Reactivity Series (3)

C2g/Tests for Ions and Gases (2)

C3/Organic Chemistry

C3a/Introduction (1)

C3b/Alkanes (1)

C3c/Alkenes (1)

C3d/Ethanol (1)

C4/Physical Chemistry

C4a/Acids, Alkalis and Salts (4)

C4b/Energetics (2)

C4c/Rates of Reaction (6)

C4d/Equilibria (1)

C5/Chemistry in Industry

C5a/Extraction and Uses of Metal (3)

C5b/Crude Oil (3)

C5c/Synthetic Polymers (4)

C5d/The Industrial Manufacture of Chemicals (5)



WJEC Science for examination in 2017

(Number of chapters/pods in brackets)

C1/Chemistry 1

C1.1/Elements and the Periodic Table (3)

C1.2/Compounds (5)

C1.3/Metals (10)

C1.4/Non-metals (4)

C1.5/Reactions of Acids (6)

C1.6/The Production and Uses of Fuels and Plastics (5)

C1.7/The Ever-changing Earth (8)

C2/Chemistry 2

C2.1/Atomic Structure and the Periodic Table (6)

C2.2/Reactions of Alkali Metals and Halogens (3)

C2.3/Chemical Bonding, Structure and Properties (5)

C2.4/Rate of Chemical Change (5)

C2.5/Basic Organic Chemistry (3)

C2.6/Chemical Calculations (6)

C2.7/Water (8)

Science: Chemistry



C3/Chemistry 3

C3.1/Additional Organic Chemistry (3)

C3.2/Reversible Reactions, Industrial Processes and Important Chemicals (5)

C3.3/Titration and Mole Calculations (5)

C3.4/Limestone (3)

C3.5/Chemical Analysis (3)



WJEC Eduqas for examination in 2018

(Number of chapters/pods in brackets)

C1/Chemical Substances, Reactions and Essential Resources

C1.1/The Nature of Substances and Chemical Reactions (14)

C1.2/Atomic Structure and the Periodic Table (11)

C1.3/Water (4)

C1.4/The Ever-Changing Earth (10)

C1.5/Rate of Chemical Change (5)

C1.6/Limestone (4)

C2/Chemical Bonding, Application of Chemical Reactions and Organic Chemistry

C2.1/Bonding, Structure and Properties (9)

C2.2/Acids, Bases and Salts (10)

C2.3/Metals and Their Extraction (16)

C2.4/Chemical Reactions and Energy (5)

C2.5/Crude Oil, Fuels and Organic Chemistry (15)

C2.6/Reversible Reactions, Industrial Processes and Important Chemicals (4)



AQA for examination in 2017

(Number of chapters/pods in brackets)

P1.1/The transfer of energy by heating processes and the factors that affect the rate at which that energy is transferred

P1.1.1/Infrared radiation (2)

P1.1.2/Kinetic theory (1)

P1.1.3/Energy transfer by heating (4)

P1.1.4/Heating and insulating buildings (3)

P1.2/Energy and efficiency

P1.2.1/Energy transfers and efficiency (3)

P1.3/The usefulness of electrical appliances

P1.3.1/Transferring electrical energy (2)



P1.4/Methods we use to generate electricity

P1.4.1/Generating electricity (6)

P1.4.2/The National Grid (1)

P1.5/The use of waves for communication and to provide evidence that the universe is expanding

P1.5.1/General properties of waves (7)

P1.5.2/Reflection (2)

P1.5.3/Sound (2)

P1.5.4/Red-shift (3)

P2.1/Forces and their effects

P2.1.1/Resultant forces (2)

P2.1.2/Forces and motion (5)

P2.1.3/Forces and braking (4)

P2.1.4/Forces and terminal velocity (2)

P2.1.5/Forces and elasticity (4)



P2.2/The kinetic energy of objects speeding up or slowing down

P2.2.1/Forces and energy (6)

P2.2.2/Momentum (2)

P2.3/Currents in electrical circuits

P2.3.1/Static electricity (4)

P2.3.2/Electrical circuits (12)

P2.4/Using mains electricity safely and the power of electrical appliances

P2.4.1/Household electricity (6)

P2.4.2/Current, charge and power (1)



P2.5/What happens when radioactive substances decay, and the uses and dangers of their emissions

P2.5.1/Atomic structure (4)

P2.5.2/Atoms and radiation (8)

P2.6/Nuclear fission and nuclear fusion

P2.6.1/Nuclear fission (1)

P2.6.2/Nuclear fusion (2)

P3.1/Medical applications of physics

P3.1.1/X-rays (2)

P3.1.2/Ultrasound (2)

P3.1.3/Lenses (5)

P3.1.4/The eye (1)

P3.1.5/Other applications using light (3)



P3.2/Using physics to make things work

P3.2.1/Centre of mass (2)

P3.2.2/Moments (2)

P3.2.3/Hydraulics (1)

P3.2.4/Circular motion (2)

P3.3/Keeping things moving

P3.3.1/The motor effect (2)

P3.3.2/Transformers (3)



AQA for examination in 2018

(Number of chapters/pods in brackets)

P4.1/Energy

P4.1.1/Energy Changes in a System and the Ways Energy is Stored (5)

P4.1.2/Conservation and Dissipation of Energy (2)

P4.2/Electricity

P4.2.1/Current, Potential Difference and Resistance (10)

P4.2.2/Series and Parallel Circuits (2)

P4.2.3/Domestic Uses and Safety (3)

P4.2.4/Energy Transfers (4)

P4.2.5/Static Electricity (3)

P4.3/Particle Model of Matter

P4.3.1/Changes of State and the Particle Model (2)

P4.3.2/Internal Energy and Energy Transfers (3)

P4.3.3/Particle Model and Pressure (1)



P4.4/Atomic Structure

P4.4.1/Atoms and Isotopes (4)

P4.4.2/Atoms and Nuclear Radiation (8)

P4.4.3/Hazards and Uses of Radioactive Emissions, and of Background Radiation (2)

P4.4.4/Nuclear Fission and Fusion (2)

P4.5/Forces

P4.5.1/Forces and Their Interactions (2)

P4.5.2/Work Done and Energy Transfer (2)

P4.5.3/Forces and Elasticity (2)

P4.5.4/Moments, Levers and Gears (2)

P4.5.5/Momentum (2)

P4.5.6/Forces and Motion (9)

P4.6/Waves

P4.6.1/Waves in Air, Fluids and Solids (6)

P4.6.2/Electromagnetic Waves (16)



P4.7/Magnetism and Electromagnetism

P4.7.1/Permanent and Induced Magnetism, Magnetic Forces and Fields (1)

P4.7.2/The Motor Effect (2)

P4.7.3/Induced Potential, Transformers and the National Grid (3)

P4.8/Space Physics

P4.8.1/The Solar System, Stability of Orbital Motions, and Satellites (4)

P4.8.2/Red-Shift (1)

COMING 2016:

Waves – P4.6.3/Black Body Radiation (2)



Edexcel for examination in 2017

(Number of chapters/pods in brackets)

P1/Universal physics

P1.1/Visible light and the Solar System (11)

P1.2/The electromagnetic spectrum (8)

P1.3/Waves and the Universe (9)

P1.4/Waves and the Earth (6)

P1.5/Generation and transmission of electricity (11)

P1.6/Energy and the future (4)

P2/Physics for the future

P2.1/Static and current electricity (7)

P2.2/Controlling and using electric current (12)

P2.3/Motion and forces (10)

P2.4/Momentum, energy, work and power (14)

P2.5/Nuclear fission and nuclear fusion (6)

P2.6/Advantages and disadvantages of using radioactive materials (4)



P3/Applications of physics

P3.1/Radiation in treatment and medicine (7)

P3.2/X-rays and ECGs (4)

P3.3/Production, uses and risks of ionising radiation
from radioactive sources (8)

P3.4/Motion of particles (6)

P3.5/Kinetic theory and gases (2)



Edexcel for examination in 2018

(Number of chapters/pods in brackets)

P2/Motion and Forces

P2/Motion and Forces (14)

P3/Conservation of Energy

P3/Conservation of Energy (13)

P4/Waves

P4/Waves (13)

P5/Light & the Electromagnetic Spectrum

P5/Light and the Electromagnetic Spectrum (20)

P6/Radioactivity

P6/Radioactivity (17)



P7/Astronomy

P7/Astronomy (10)

P8/Energy: Forces Doing Work

P8/Energy: Forces Doing Work (3)

P9/Forces and Their Effects

P9/Forces and Their Effects (3)

P10/Electricity and Circuits

P10/Electricity and Circuits (17)

P11/Static Electricity

P11/Static Electricity (3)

P12/Magnetism and the Motor Effect

P12/Magnetism and the Motor Effect (4)



P13/Electromagnetic Induction

P13/Electromagnetic Induction (6)

P14/Particle Model

P14/Particle Model (8)

P15/Forces and Matter

P15/Forces and Matter (8)



OCR A (21st Century) for examination in 2017

(Number of chapters/pods in brackets)

P1/The Earth in the Universe

P1.1/What do we know about the place of the Earth in the Universe? (4)

P1.2/What do we know about the Earth and how it is changing? (6)

P2/Radiation and life

P2.1/What types of electromagnetic radiation are there? What happens when radiation hits an object? (3)

P2.2/Which types of electromagnetic radiation harm living tissue and why? (4)

P2.3/What is the evidence for global warming, why might it be occurring, and how serious a threat is it? (1)

P2.4/How are electromagnetic waves used in communications? (6)

P3/Sustainable energy

P3.1/How much energy do we use? (4)

P3.2/How can electricity be generated? (5)

P3.3/Which energy sources should we choose? (4)



P4/Explaining motion

P4.1/How can we describe motion?

P4.2/What are forces?

P4.3/What is the connection between forces and motion?

P4.4/How can we describe motion in terms of energy changes?

P5/Electric circuits

P5.1/Electric current – a flow of what? (5)

P5.2/What determines the size of the current in an electric circuit and the energy it transfers? (10)

P5.3/How do parallel and series circuits work? (2)

P5.4/How is mains electricity produced? How are voltages and currents induced? (5)

P5.5/How do electric motors work? (1)

P6/Radioactive materials

P6.1/Why are some materials radioactive? (10)

P6.2/How can radioactive materials be used and handled safely, including wastes? (4)



P7/Further Physics – Studying the Universe

P7.1/Naked eye astronomy (3)

P7.2/Light, telescopes and images (7)

P7.4/The Sun, the stars and their surroundings (4)

P7.5/The astronomy community (1)



OCR A (Gateway)

for examination in
2018

(Number of chapters/pods in brackets)

P1/Matter

Changes of State (3)

Pressure (2)

The Particle Model (4)

P2/Forces

Forces in Action (6)

Motion (5)

Newton's Laws (6)

P3/Electricity

Simple Circuits (7)

Static and Charge (4)



P4/Magnetism and Magnetic Fields

Magnets and Magnetic Fields (2)

Uses of Magnetism (7)

P5/Waves in Matter

The Electromagnetic Spectrum (8)

Wave Behaviour (6)

Wave Interaction (8)

P6/Radioactivity

Radioactive Emissions (8)

Uses and Hazards (4)

P7/Energy

Power and Efficiency (2)

Work Done (6)



P8/Global Challenges

Beyond Earth (11)

Physics on the Move (3)

Powering Earth (12)



OCR B (Gateway) for examination in 2017

(Number of chapters/pods in brackets)

P1/Energy for the Home

P1a/Heating homes (3)

P1b/Keeping homes warm (8)

P1c/A spectrum of waves (5)

P1d/Lights and lasers (3)

P1e/Cooking and communicating using waves (3)

P1f/Data transmission (4)

P1g/Wireless signals (3)

P1h/Stable Earth (5)

P2/Living for the Future (Energy Resources)

P2a/Collecting energy from the sun (5)

P2b/Generating electricity (3)

P2c/Global warming (1)

P2d/Fuels for power (5)

P2e/Nuclear radiations (7)

P2f/Exploring our Solar System (7)



P2/Living for the Future (Energy Resources)

[Continued]

P2g/Threats to Earth (3)

P2h/The Big Bang (3)

P3/Forces for Transport

P3a/Speed (2)

P3b/Changing speed (2)

P3c/Forces and motion (4)

P3d/Work and power (5)

P3e/Energy on the move (2)

P3f/Crumple zones (5)

P3g/Falling safely (2)

P3h/The energy of games and theme rides (5)

P4/Radiation for Life

P4a/Sparks (4)

P4b/Uses of electrostatics (1)

P4c/Safe electricals (6)



P4/Radiation for Life

[Continued]

P4d/Ultrasound (4)

P4e/What is radioactivity? (5)

P4f/Uses of radioisotopes (3)

P4g/Treatment (1)

P4h/Fission and fusion (4)

P5/Space for Reflection

P5a/Satellites, gravity and circular motion (2)

P5b/Vectors and equations of motion (1)

P5c/Projectile motion (2)

P5d/Action and reaction (4)

P5e/Satellite communication (1)

P5f/Nature of waves (3)

P5g/Refraction of waves (2)

P5h/Optics (2)



P6/Electricity for Gadgets

P6a/Resisting (7)

P6b/Sharing (6)

P6c/It's logical (2)

P6e/Motoring (4)

P6f/Generating (2)

P6g/Transforming (2)

P6h/Charging (2)



OCR B (21st Century) New Specification for 2018

(Number of chapters/pods in brackets)

P1/Radiation and Waves

P1.1/What Are the Risks and Benefits of Using Radiations? (10)

P1.3/How Do Waves Behave? (10)

P1.4/What Happens When Light and Sound Meet Different Materials? (9)

P2/Sustainable Energy

P2.1/How Much Energy Do We Use? (4)

P2.2/How Can Electricity Be Generated? (11)

P3/Electric Circuits

P3.1/What is an Electricity Charge? (3)

P3.2/What Determines the Rate of Energy Transfer in a Circuit (2)

P3.3/How do Series and Parallel Circuits Work? (5)

P3.5/What Are Magnetic Fields? (2)



P3/Electric Circuits [Continued]

P3.6/How do Electric Motors Work? (4)

P3.7/What is the Process Inside an Electric Generator? (3)

P4/Explaining Motion

P4.1/What Are Forces? (2)

P4.2/How Can We Describe Motion? (6)

P4.3/What is the Connection Between Forces and Motion? (11)

P4.4/How Can We Describe Motion In Terms of Energy Transfers? (6)

P5/Radioactive Materials

P5.1/What is Radioactivity? (9)

P5.2/How can Radioactive Materials Be Used Safely? (3)

P5.3/How Can Radioactive Materials Be Used to Provide Energy? (2)



P6/Matter: Models and Explanations

P6.1/How Does Energy Transform Matter? (4)

P6.2/How Does the Particle Model Explain the Effects of Heating? (1)

P6.3/How Does the Particle Model Relate to Material Under Stress? (4)

P6.4/How Does the Particle Model Relate to Pressures in Fluids? (4)

P6.5/How Can Scientific Models Help Us Understand the Big Bang? (8)

COMING 2016:

Radiation and Waves – P1.2/What Is Climate Change and What Is the Evidence For It?

(2)



CCEA Science for examination in 2017

(Number of chapters/pods in brackets)

P1.1/Force and Motion

Kinetic Theory (1)

Mass, Density and Weight (1)

Displacement, Velocity and Acceleration (1)

Displacement - Time Graphs and Velocity - Time Graphs (2)

Newton's Laws (3)

Force and Motion (2)

Momentum (4)

Circular Motion (2)

P1.2/Energy

Energy Resources (8)

Efficiency (2)

Energy Resources (1)

Forms of Energy (1)

Kinetic and Potential Energy (2)



P1.2/Energy [Continued]

Power (1)

Work (1)

P1.3/Moments

Centre of Gravity (1)

Moment of a Force (1)

P1.4/Radioactivity

Radioactive Decay (8)

Half-Life (1)

Nuclear Fission and Fusion (4)

Structure of the Atom (1)

Structure of the Nucleus (1)

Structure of the Atom (1)



P2.1/Waves, Sound and Light

Electromagnetic Waves (8)

Reflection of Light (3)

Total Internal Reflection (1)

Waves (5)

Lenses (4)

P2.2/Electricity

Resistance, Voltage and Current (10)

Energy and Power (1)

Electric Circuits (2)

Magnetism and Electromagnetism (4)

Generation and Transmission of Electricity (5)

Electricity in the Home (4)

Energy and Power (1)

Static Charge (2)

Charge Flow (1)

Static Charge (1)



P2.3/The Earth and Universe

Stars (1)

Space Travel and Life on Other Planets (1)

The Universe (3)

Solar System (3)

Structure of the Earth (2)



Cambridge IGCSE for examination in 2017/18

(Number of chapters/pods in brackets)

P1/General Physics

P1.1/Length and Time (2)

P1.2/Motion (5)

P1.3/Mass (1)

P1.4/Density (1)

P1.5/Forces (12)

P1.6/Momentum (2)

P1.7/Energy, Work and Power (15)

P1.8/Pressure (1)

P2/Thermal Physics

P2.1/Simple Kinetic Molecular Model of Matter (2)

P2.2/Thermal Properties and Temperature (6)

P2.3/Thermal Processes (4)



P3/Properties of Waves, Including Light and Sound

P3.1/General Wave Properties (4)

P3.2/Light (10)

P3.3/Electromagnetic Spectrum (7)

P3.4/Sound (6)

P4/Electricity and Magnetism

P4.1/Simple Phenomena of Magnetism (1)

P4.2/Electrical Quantities (11)

P4.3/Electric Circuits (9)

P4.4/Digital Electronics (1)

P4.5/Dangers of Electricity (2)

P4.6/Electromagnetic Effects (10)

P5/Atomic Physics

P5.1/The Nuclear Atom (5)

P5.2/Radioactivity (9)



Edexcel International for examination in 2017/18 *(Number of chapters/pods in brackets)*

P0/Units

P0/Units (1)

P1/Forces and Motion

P1b/Movement and Position (4)

P1c/Forces, Movement, Shape and Momentum (16)

P1d/Astronomy (5)

P2/Electricity

P2b/Mains Electricity (9)

P2c/Energy and Potential Difference in Circuits (10)

P2d/Electric Charge (6)



P3/Waves

P3b/Properties of Waves (6)

P3c/The Electromagnetic Spectrum (9)

P3d/Light and Sound (11)

P4/Energy Resources

P4b/Energy Transfer (7)

P4c/Work and Power (5)

P4d/Energy Resources and Electricity Generation (9)

P5/Solids, Liquids and Gases

P5b/Density and Pressure (2)

P5c/Change of State (1)

P5d/Ideal Gas Molecules (1)



P6/Magnetism and Electromagnetism

P6b/Magnetism (1)

P6c/Electromagnetism (3)

P6d/Electromagnetic Induction (4)

P7/Radioactivity and Particles

P7b/Radioactivity (10)

P7c/Particles (2)



WJEC Science for examination in 2017

(Number of chapters/pods in brackets)

P1/Physics 1

P1.1/Generation of Electricity (8)

P1.2/Transmission of Electricity (2)

P1.3/Energy Supply and the Home (4)

P1.4/Energy Transfer (9)

P1.5/The Characteristics of Waves (15)

P1.6/Ionising Radiation (8)

P1.7/The Solar System and its Place in an Evolving Universe (4)

P2/Physics 2

P2.1/Simple Electrical Circuits (8)

P2.2/Distance, Speed and acceleration (4)

P2.3/The Effect of Forces (5)

P2.4/Interactions Between Objects (5)

P2.5/The Half Life of Radioactive Materials and
the Nature of Nuclear Radiations (3)

P2.6/Nuclear Structure, Fission and Fusion (4)



P3/Physics 3

P3.1/Electromagnetism (7)

P3.2/The Properties of Waves and Their Use in Investigating the Structure of the Earth
(8)

P3.3/Motion (5)

P3.4/Kinetic Theory (3)

P3.5/The Origin of the Chemical Elements (2)



WJEC Eduqas for examination in 2018

(Number of chapters/pods in brackets)

1/Energy

1.1/Energy changes in a system, and in the ways energy is stored before and after such changes (10)

1.2/Conservation, dissipation and national and global energy sources (14)

1.3/Energy transfers (3)

2/Particle model of matter

2/Particle model of matter (3)

3/Forces

3.1/Forces and their interactions (8)

3.2/Pressure and pressure differences in fluids (5)

3.3/Moments, levers and gears (2)

4/Forces and motion

4.1/Speed and velocity, speed as distance over time; acceleration; distance-time and velocity-time graphs (7)

4.2/Forces, accelerations and Newton's laws of motion (3)

4.3/Safety in public transport (4)



5/Waves in matter

5.1/Waves in air, fluids and solids (5)

5.2/Waves at material interfaces: applications in exploring structures (5)

6/Light and electromagnetic waves

6.1/Frequency range of the spectrum (4)

6.2/Interactions of electromagnetic radiation with matter and their applications (14)

6.3/Lenses (3)

6.4/Colour and frequency; differential effects in transmission, absorption and diffuse reflection (1)

6.5/Black body radiation (qualitative only) (2)

7/Electricity

7.1/Current, potential difference and resistance (11)

7.2/Series and parallel circuits (3)

7.3/Static electricity - forces and electric fields (2)

7.4/Domestic uses and safety (3)

8/Magnetism and electromagnetism

8.1/Permanent and induced magnetism, magnetic forces and fields (1)

8.2/Magnetic effects of currents and the motor effect (2)

8.3/Induced potential and transformers (2)

8.4/Microphones and speakers; oscillating currents in detection and generation of radiation (2)



9/Atomic structure

9.1/Nuclear atom and isotopes (4)

9.2/Absorption and emission of ionising radiations and of electrons and nuclear particles (7)

9.3/Hazards and uses of radioactive emissions and of background radiation (4)

9.4/Nuclear fission and fusion (4)

10/Space physics

10.1/Solar system; stability of orbital motions, satellites (7)

10.2/Red shift as sources move away; the 'Big Bang' and universal expansion (2)

Combined Science



AQA (Trilogy)

(Number of chapters/pods in brackets)

for examination in 2018

B4.1/Cell Biology

B4.1.1/Cell Structure (3)

B4.1.2/Cell Division (6)

B4.1.3/Transport in Cells (14)

B4.2/Organisation

B4.2.1/Animal Tissues, Organs and Organ Systems (5)

B4.2.3/Plant Tissues, Organs and Systems (3)

B4.3/Infection and Response

B4.3.1/Communicable Diseases (13)



B4.4/Bioenergetics

B4.4.1/Photosynthesis (5)

B4.4.2/Respiration (4)

B4.5/Homeostasis and Response

B4.4.1/Homeostasis (1)

B4.5.2/The Human Nervous System (5)

B4.5.3/Hormonal Coordination in Humans (5)

B4.6/Inheritance, Variation and Evolution

B4.6.1/Reproduction (12)

B4.6.2/Variation and Evolution (5)

B4.6.3/The Development of Understanding of Genetics and Evolution (7)

B4.6.4/Classification of Living Organisms (2)

B4.7/Ecology

B4.7.1/Adaptations, Interdependence and Competition (4)

B4.7.2/Organisation of an Ecosystem (4)

B4.7.3/Biodiversity and the Effect of Human Interaction on Ecosystems (6)



C5.1/Atomic Structure and the Periodic Table

C5.1.1/A Simple Model of the Atom, Symbols, Relative Atomic Mass, Electronic Charge and Isotopes (10)

C5.1.2/The Periodic Table (7)

C5.2/Bonding, Structure and the Properties of Matter

C5.2.1/Chemical Bonds, Ionic, Covalent and Metallic (6)

C5.2.2/How Bonding and Structure Are Related to the Properties of Substances (2)

C5.3/Quantitative Chemistry

C5.3.1/Chemical Measurements, Conservation of Mass and the Quantitative Interpretation of Chemical Equations (4)

C5.3.2/Use of Amount of Substance in Relation to Masses of Pure Substance (5)

C5.4/Chemical Changes

C5.4.1/Reactivity of Metals (5)

C5.4.2/Reactions of Acids (7)

C5.4.3/Electrolysis (3)



C5.5/Energy Changes

C5.5.1/Exothermic and Endothermic Reactions (4)

C5.6/The Rate and Extent of Chemical Change

C5.6.1/Rate of Reaction (6)

C5.6.2/Reversible Reactions and Dynamic Equilibrium (2)

C5.7/Organic Chemistry

C5.7.1/Carbon Compounds as Fuels and Feedstock (5)

C5.8/Chemical Analysis

C5.8.1/Purity, Formulations and Chromatography (3)

C5.9/Chemistry of the Atmosphere

C5.9.1/The Composition and Evolution of the Earth's Atmosphere (1)

C5.9.2/Carbon Dioxide and Methane as Greenhouse Gases (2)

C5.9.3/Common Atmospheric Pollutants and Their Sources (2)



C5.10/Using Resources

C5.10.1/Using the Earth's Resources and Obtaining Portable Water (4)

C5.10.2/Life Cycle Assessment and Recycling (3)

P6.1/Energy

P6.1.1/Energy Changes in a System, and the Ways Energy is Stored Before and After Such Changes (5)

P6.1.2/Conservation and Dissipation of Energy (3)

P6.2/Electricity

P6.2.1/Current, Potential Difference and Resistance (11)

P6.2.2/Series and Parallel Circuits (2)

P6.2.3/Domestic Uses and Safety (6)

P6.2.4/Energy Transfers (4)

P6.3/Particle Model of Matter

P6.3.1/Changes of State and the Particle Model (3)

P6.3.2/Internal Energy and Energy Transfers (3)

P6.3.3/Particle Model and Pressure (1)



P6.4/Atomic Structure

P6.4.1/Atoms and Isotopes (4)

P6.4.2/Atoms and Nuclear Radiation (8)

P6.5/Forces

P6.5.1/Forces and Their Interactions (2)

P6.5.2/Work Done and Energy Transfer (2)

P6.5.3/Forces and Elasticity (2)

P6.5.4/Forces and Motion (9)

P6.5.5/Momentum (2)

P6.6/Waves

P6.6.1/Waves in Air, Fluids and Solids (2)

P6.6.2/Electromagnetic Waves (12)

P6.7/Magnetism and Electromagnetism

P6.7.1/Permanent and Induced Magnetism, Magnetic Forces and Fields (1)

P6.7.2/The Motor Effect (3)

Combined Science



COMING SOON

C5.8/Chemical Analysis –

C5.8.2/Identification of Common Gases

Combined Science



Edexcel for examination in 2018

(Number of chapters/pods in brackets)

Biology

B1/Key Concepts in Biology (4)

B2/Cells and Control (16)

B3/Genetics (8)

B4/Natural Selection and Genetic Modification (10)

B5/Health, Disease and the Development of Medicines (17)

B6/Plant Structures and Their Functions (6)

B7/Animal Coordination, Control and Homeostasis (7)

B8/Exchange and Transport in Animals (12)

B9/Ecosystems and Material Cycles (9)

Chemistry

Formulae, equations and hazards (2)

1/Key concepts in chemistry (24)

2/States of matter and mixtures (1)

3/Chemical changes (16)

Combined Science



Chemistry [continued]

4/Extracting metals and equilibria (9)

6/Groups in the periodic table (5)

7/Rates of reaction and energy changes (11)

8/Fuels and Earth science (12)

Physics

P2/Motion and Forces (14)

P3/Conservation of Energy (17)

P4/Waves (10)

P5/Light and the Electromagnetic Spectrum (13)

P6/Radioactivity (12)

P8/Energy – Forces Doing Work (3)

P9/Forces and Their Effects (4)

P10/Electricity and Circuits (21)

P12/Magnetism and The Motor Effect (4)

P13/Electromagnetic Induction (3)

P14/Particle Model (10)

P15/Forces and Matter (4)



OCR A (Gateway)

(Number of chapters/pods in brackets)

for examination in 2018

B1/Cell Level Systems

B1.1/Cell Structures (2)

B1.2/What Happens In Cells (And What Do Cells Need)? (4)

B1.3/Respiration (6)

B1.4/Photosynthesis (3)

B2/Scaling Up

B2.1/Supplying the Cell (7)

B2.2/The Challenges of Size (11)

B3/Organism Level Systems

B3.1/Coordination and Control – the Nervous System (5)

B3.2/Coordination and Control – the Endocrine System (5)

B3.3/Maintaining Internal Environments (5)



B4/Community Level Systems

B4.1/Ecosystems (8)

B5/Genes, Inheritance and Selection

B5.1/Inheritance (9)

B5.2/Natural Selection and Evolution (6)

B6/Global Challenges

B6.1/Monitoring and Maintaining the Environment (6)

B6.2/Feeding the Human Race (4)

B6.3/Monitoring and Maintaining Mental Health (21)

C1/Particles

C1.1/The particle model (2)

C1.2/Atomic structure (5)



C2/Elements, compounds and mixtures

C2.1/Purity and separating mixtures (9)

C2.2/Bonding (9)

C2.3/Properties of materials (5)

C3/Chemical reactions

C3.1/Introducing chemical reactions (7)

C3.2/Energetics (5)

C3.3/Types of chemical reactions (11)

C3.4/Electrolysis (4)

C4/Predicting and identifying reactions and products

C4.1/Predicting chemical reactions (9)

C5/Monitoring and controlling chemical reactions

C5.1/Controlling reactions (8)

C6/Global challenges

C6.1/Improving processes and products (9)

C6.2/Interpreting and interacting with earth systems (8)

Combined Science



P1/Matter

P1.1/The Particle Model (5)

P1.2/Changes of State (5)

P2/Forces

P2.1/Motion (5)

P2.2/Newton's Laws (8)

P2.3/Forces In Action (4)

P3/Electricity and Magnetism

P3.1/Static and Charge (4)

P3.2/Simple Circuits (8)

P3.3/Magnets and Magnetic Fields (5)

P4/Waves and Radioactivity

P4.1/Wave Behaviour (2)

P4.2/The Electromagnetic Spectrum (12)

P4.3/Radioactivity (9)

Combined Science



P5/Energy

P5.1/Work Done (6)

P5.2/Power and Efficiency (4)

P6/Global Challenges

P6.1/Physics on the Move (4)

P6.2/Powering Earth (14)

Combined Science



OCR B (21st Century)

Number of chapters/pods in brackets

for examination in 2018

B1/You and Your Genes

B1.1/What Is The Genome and What Does It Do? (5)

B1.2/How Is Genetic Information Inherited? (3)

B1.3/How Can and Should Gene Technology Be Used? (6)

B2/Keeping Healthy

B2.1/What Are The Causes of Disease? (5)

B2.2/How Do Organisms Protect Themselves Against Pathogens? (3)

B2.3/How Can We Prevent the Spread of Infection? (4)

B2.4/How Can Lifestyle, Genes and the Environment Affect My Health? (7)

B2.5/How Can We Treat Disease? (1)



B3/Living Together – Food and Ecosystems

B3.1/What Happens During Photosynthesis? (6)

B3.2/How Do Producers Get The Substances They Need? (6)

B3.3/How Are Organisms in an Ecosystem Interdependent? (5)

B3.4/How Are Populations Affected by Conditions in an Ecosystem? (4)

B4/Using Food and Controlling Growth

B4.1/What Happens During Cellular Respiration? (4)

B4.3/How Do Organisms Grow and Develop? (8)

B4.4/Should We Use Stem Cells to Treat Damage and Disease? (1)

B5/The Human Body – Staying Alive

B5.1/How Do Substances Get Into, Out Of and Around Our Bodies? (5)

B5.2/How Does The Nervous System Help Us Respond To Changes? (5)

B5.3/How Do Hormones Control Responses In The Human Body? (1)

B5.4/Why Do We Need To Maintain a Constant Internal Environment? (1)

B5.5/What Role Do Hormones Play in Human Reproduction? (4)

B5.6/What Can Happen When Organs and Control Systems Stop Working? (2)



B6/Life on Earth – Past, Present and Future

B6.1/How Was The Theory of Evolution Developed? (4)

B6.2/How Does Our Understanding of Biology Help Us Classify the Diversity of Organisms on Earth? (2)

B6.3/How Is Biodiversity Threatened and How Can We Protect It? (1)

C1/Air and Water

C1.1/How Has The Earth's Atmosphere Changed Over Time And Why? (9)

C1.2/Why Are There Temperature Changes In Chemical Reactions? (4)

C1.3/What Is The Evidence For Climate Change – Why Is It Occurring? (4)

C1.4/How Can Scientists Help Improve The Supply of Portable Water? (2)

C2/Chemical Patterns

C2.1/How Have Our Ideas About Atoms Developed Over Time? (5)

C2.2/What Does the Periodic Table Tell Us About The Elements (7)

C2.3/How Do Metals and Non-Metals Combine to Form Compounds? (3)

C2.4/How Are Equations Used To Represent Chemical Reactions? (1)



C3/Chemicals of the Natural Environment

C3.1/How Are The Atoms Held Together In A Metal? (1)

C3.2/How Are Metals With Different Reactivities Extracted? (5)

C3.3/What Are Electrolytes and What Happens During Electrolysis? (5)

C3.4/Why Is Crude Oil Important As A Source of New Materials? (9)

C4/Material Choices

C4.1/How Is Data Used to Choose a Material For a Particular Use? (3)

C4.2/How Do Bonding and Structure Affect Properties of Materials? (6)

C4.3/Why Are Nanoparticles So Useful? (1)

C4.4/What Happens To Products at the End of Their Useful Life? (4)

C5/Chemical Analysis

C5.1/How Are Chemicals Separated and Tested for Purity? (4)

C5.2/How Are The Amounts of Substances In Reactions Calculated? (3)

C5.3/How Are The Amounts of Chemicals In Solution Measured? (9)



C6/Making Useful Chemicals

C6.1/What Useful Products Can Be Made from Acids?

C6.2/How Do Chemists Control The Rate of Reactions? (7)

C6.3/What Factors Affect The Yield of Chemical Reactions? (1)

P1/Radiation and Waves

P1.1/What Are the Risks and Benefits of Using Radiations? (10)

P1.2/How Do Waves Behave? (10)

P3/Electric Circuits

P3.1/What is an Electricity Charge? (3)

P3.2/What Determines the Rate of Energy Transfer in a Circuit (2)

P3.3/How do Series and Parallel Circuits Work? (5)

P3.4/What Are Magnetic Fields? (2)

P3.5/How do Electric Motors Work? (4)



P4/Explaining Motion

P4.1/What Are Forces? (2)

P4.2/How Can We Describe Motion? (6)

P4.3/What is the Connection Between Forces and Motion? (11)

P4.4/How Can We Describe Motion In Terms of Energy Transfers? (6)

P5/Radioactive Materials

P5.1/What is Radioactivity? (9)

P5.2/How can Radioactive Materials Be Used Safely? (3)

P6/Matter: Models and Explanations

P6.1/How Does Energy Transform Matter? (4)

P6.2/How Does the Particle Model Explain the Effects of Heating? (1)

P6.3/How Does the Particle Model Relate to Material Under Stress? (4)

COMING 2016:

Radiation and Waves – P1.2/What Is Climate Change and What Is the Evidence For It?

(2)

Combined Science



WJEC Eduqas

for examination in 2018

Number of chapters/pods in brackets

P1/Energy

P1.1/Energy changes in a system, and in the ways energy is stored before and after such changes (10)

P1.2/Conservation, dissipation and national and global energy sources (14)

P1.3/Energy transfers (3)

P2/Particle model of matter

P2/Particle model of matter (3)

P3/Forces

P3/Forces (8)

P4/Forces and motion

P4.1/Speed and velocity, speed as distance over time; acceleration; distance-time and velocity-time graphs (7)

P4.2/Forces, accelerations and Newton's laws of motion (3)

P4.3/Safety in public transport (4)



P5/Waves in matter

P5/Waves in air, fluids and solids (5)

P6/Light and electromagnetic waves

P6.1/Frequency range of the spectrum (4)

P6.2/Interactions of electromagnetic radiation with matter and their applications (14)

P7/Electricity

P7.1/Current, potential difference and resistance (11)

P7.2/Series and parallel circuits (3)

P7.3/Domestic uses and safety (3)

COMING SOON:

B1/Cell biology

B1.1/Prokaryotic and eukaryotic cells (1)

B1.2/Growth and development of cells (9)

B1.3/Cell metabolism (8)

B2/Transport systems

B2.1/Transport in cells (3)

B2.2/Transport systems in humans (3)

B2.3/Transport systems in plants (4)

Combined Science



B3/Health, disease and the development of medicine

B3.1/Health and disease (1)

B3.2/Communicable disease (8)

B3.3/Treating, curing and preventing disease (8)

B3.4/Non-communicable diseases in humans (5)

B4/Coordination and control

B4.1/Nervous coordination and control in humans (6)

B4.2/Hormonal coordination and control in humans (7)

B4.3/Homeostasis in humans (2)

B5/Photosynthesis

B5/Photosynthesis (3)

B6/Ecosystems

B6.1/Levels of organisation within an ecosystem (5)

B6.2/The principle of material cycling (5)

B6.3/Biodiversity (3)

B7/Inheritance, variation and evolution

B7.1/The genome and gene expression (3)

B7.2/Inheritance (4)

B7.3/Variation and evolution (10)

B7.4/Selective breeding and gene technology (5)

Science (Double Award)



WJEC for examination in 2018

(Number of chapters/pods in brackets)

C2/Chemistry 1

C2.1/The Nature of Substances and Chemical Reactions (14)

C2.2/Atomic Structure and the Periodic Table (10)

C2.3/Water (4)

C2.4/The Ever-Changing Earth (10)

C2.5/Rate of Chemical Change (5)

C5/Chemistry 2

C5.1/Bonding, Structure and Properties (9)

C5.2/Acids, Bases and Salts (8)

C5.3/Metals and Their Extraction (12)

C5.4/Chemical Reactions and Energy (5)

C5.5/Crude Oil, Fuels and Organic Chemistry (12)



Geography for examination in 2017

(Number of chapters/pods in brackets)

Coasts

Coasts (7)

Development

Aid (7)

Indicators of Development (5)

Economic Systems

Economic Systems (5)

Employment (2)

Ecosystems

Case Study: The Sahel (3)

Ecosystems (4)



Energy

Case Study: Three Gorges Dam (6)

Energy (3)

Farming

Case Study: Intensive Rice Farming in the Ganges Delta (3)

Farming in LEDCs (8)

Farming in MEDCs (6)

Farming in the UK (6)

Introduction to Farming (7)

Management of Farming (4)

Glaciation

Glaciation and Glacial Features (6)



Globalisation

Global Trade (2)

NICs and TNCs (5)

Resources (2)

Trade and Interdependence (6)

Hazards and Tectonics

Aid (5)

Causes of a Natural Hazard (3)

Earthquakes (4)

Kashmir Earthquake (2)

Montserrat Volcanic Eruption (3)

Planning, Prediction and Protection (5)

Tectonic Plates (5)

The Effects of a Natural Hazard (5)

Volcanoes and Fold Mountains (4)

Geography



Industry

Industrial Systems (2)

Modern Industry from 1990 to the present day (4)

NICs and TNCs (5)

Secondary Industry in the UK (3)

Tertiary and Quaternary Industry in the UK, 1990 – Present Day (5)



AQA for examination in 2018

(Number of chapters/pods in brackets)

Case Studies

The Cumbrian Floods, 2009: Case Study (3)

Earthquakes: Case Studies (5)

Hurricane Sandy: Case Study (5)

Typhoon Haiyan: Case Study (2)

Volcanoes: Case Studies (5)

Jurassic Coast: Case Study (3)

Physical Landscapes in the UK

Coastal Landscapes in the UK (11)

River Landscapes in the UK (1)

UK Physical Landscapes (1)

The Challenge of Natural Hazards

Climate Change (6)

Natural Hazards (1)

Tectonic Hazards (9)

Weather Hazards (7)



COMING END OF MAY 2017

Case Studies

Isle of Arran: Case Study (2)

River Tees: Case Study (2)

Physical landscapes in the UK

Coastal landscapes in the UK (7)

Glacial landscapes in the UK (8)

River landscapes in the UK (17)

COMING AUGUST 2017

Case Studies

Alaskan Development: Case Study (3)

Amazon Rainforest: Case Study (2)

Epping Forest: Case Study (2)

Western Desert, USA: Case Study (3)

The living world

Cold environments (4)

Ecosystems (3)

Hot deserts (4)

Tropical rainforests (5)



Edexcel A for examination in 2018

(Number of chapters/pods in brackets)

Case Studies

Jurassic Coast: Case Study (3)

Hurricane Sandy: Case Study (5)

Drought: Case Studies (5)

The Changing Landscapes of the UK

Coastal Landscapes and Processes (10)

Overview of the UK's Physical landscape (3)

River Landscapes and Processes (3)

Weather Hazards and Climate Change

Tropical Cyclones (3)

Weather Hazards and Climate Change (7)

Drought (2)

Geography



COMING END OF MAY 2017

Case Studies

Isle of Arran: Case Study (3)

River Tees: Case Study (5)

The changing landscapes of the UK

Coastal landscapes and processes (7)

Glaciated upland landscapes and processes (7)

River landscapes and processes (10)

COMING AUGUST 2017

Ecosystems, biodiversity and management

Overview of global ecosystems and their importance (5)

Tropical rainforests (5)



Edexcel B for examination in 2018

(Number of chapters/pods in brackets)

Case Studies

Earthquakes: Case Studies (4)

Hurricane Sandy: Case Study (5)

Volcanoes: Case Studies (4)

Jurassic Coast: Case Study: (3)

Hazardous Earth

How Are Extreme Weather Events Increasingly Hazardous For People? (4)

How Does the World's Climate System Function, Why Does It Change, and How Can

This Be Hazardous For People? (5)

Why Do the Causes and Impacts of Tectonic Activity and Management of Tectonic

Hazards Vary With Location? (7)

The UK's Evolving Physical Landscape

What Are The Challenges For Coastal Landscapes and Communities and Why Is

There Conflict About How To Manage Them? (7)



The UK's Evolving Physical Landscape [continued]

Why Is There A Variety of Distinctive Coastal Landscapes in the UK and What Are the Processes That Shape Them? (3)

Why Does The Physical Landscape of the UK Vary From Place to Place? (3)

Why Is There A Variety of River Landscapes In the UK and What Are The Processes That Shape Them? (1)

COMING END OF MAY 2017

The UK's evolving physical landscape

What are the challenges for river landscapes, people and property and how can they be managed? (5)

Why is there a variety of distinctive coastal landscapes in the UK and what are the processes that shape them? (7)

Why is there a variety of river landscapes in the UK and what are the processes that shape them? (8)

COMING AUGUST 2017

Forests under threat

Tropical rainforest and taiga (boreal) forest (4)

People and the biosphere

Overview of global biomes and the importance of the biosphere (4)



OCR A for examination in 2018

(Number of chapters/pods in brackets)

Case Studies

Jurassic Coast: Case Study (3)

2009 Cumbrian Floods: Case Study (3)

The 'Big Dry': Case Study (3)

Living In The UK Today

Landscapes of the UK (12)

UK Environmental Challenges (1)

The World Around Us

Environmental Threats To Our Planet (9)

COMING END OF MAY 2017

Case Studies

River Tees: Case Study (4)

Living in the UK Today

Landscapes of the UK (7)



OCR B for examination in 2018

(Number of chapters/pods in brackets)

Case Studies

The Cumbrian Floods, 2009: Case Study (3)

Hurricane Sandy: Case Study (5)

L'Aquila Earthquake, 2009: Case Study (2)

Nepal Earthquake, 2015: Case Study (2)

The Californian Drought, 2014: Case Study (2)

The Eruption of Eyjafjallajökull, 2010: Case Study (2)

The Eruption of Merapi, 2010: Case Study (2)

The Namibian Drought, 2013: Case Study (2)

Typhoon Haiyan: Case Study (2)

Jurassic Coast: Case Study (3)

Changing Climate

What Evidence Is There To Suggest Climate Change Is A Natural Process? (4)



Distinctive Landscapes

What Influences the Landscapes of the UK? (4)

What Makes a Landscape Distinctive? (5)

Global Hazards

How Can Weather Be Dangerous? (6)

How Do Plate Tectonics Shape Our World? (8)

COMING END OF MAY 2017

Case Studies

River Tees: Case Study (4)

Distinctive Landscapes

What influences the landscapes of the UK? (7)



Cambridge IGCSE for examination in 2018

(Number of chapters/pods in brackets)

Case Studies

Hurricane Sandy: Case Study (4)

Jurassic Coast: Case Study (1)

L'Aquila Coast, 2009: Case Study (2)

Nepal Earthquake, 2015: Case Study (2)

The Eruption of Eyjafjallajökull, 2010: Case Study (2)

The Eruption of Merapi, 2010: Case Study (2)

Typhoon Haiyan: Case Study (2)

The Natural Environment

Coasts (9)

Earthquakes and Volcanoes (9)

Rivers (1)

COMING END OF MAY 2017

Case Study

River Tees: Case Study (2)

The natural environment

Coasts (6)

Rivers (13)

History



History for examination in 2017

(Number of chapters/pods in brackets)

Britain, 1700-1900

Agriculture, 1700-1900 (4)

Popular Movements in Britain from 1815 onwards (6)

The impact of enclosures between 1750 and 1830 (5)

The Industrial Revolution (4)

Transport, 1700-1900 (3)

Working Conditions and Improvements, 1700-1850 (5)

Britain, 1902-1951

The Edwardian Era and the First World War, 1902-1919 (4)

The Impact of the Second World War on British society, 1939-51 (8)

Britain's Changing Role in the World since 1919

Finding a Role: Britain and Europe since 1919 (7)

The Falklands and the First Gulf War (2)

History



The Suez Crisis (2)

Crime and Punishment

1450 to 1750 (10)

1750 to 1900 (8)

From 1900 onwards (8)

Protest through time (10)

The Ancient World to 1450 (7)

Germany 1918 to 1991

Education, Youth, Culture and Propaganda (6)

Establishing a Nazi dictatorship (8)

Germany After the Second World War (8)

Germany During the Second World War (9)

Life under the Nazi dictatorship (10)

The Rise of the Nazi Party (8)

The Weimar Republic (9)

History



India, 1900-1949

India under British Rule and Developing Opposition (4)

India, 1914-30 (4)

Towards Independence and Partition (4)

Medicine Through Time

Industrial Medicine 1700-1900 (10)

Medicine in the Ancient World c10,000 BC-c500 AD (9)

Medieval Medicine c500-1345 (7)

Modern Medicine 1900-present day (10)

Renaissance Medicine 1345-1700 (9)

Russia: 1910-1991

Causes, Events and Consequences of World War Two (7)

Russia Post-1945 (6)

Russia prior to World War One (8)

The Bolshevik Revolution (7)

The Fall of Imperial Russia (6)

The Rule of Stalin (6)



The American West 1840-1895

Cattlemen and Cowboys (6)

Farming on the Plains (5)

Law and Order (5)

Plains Indians (8)

Settlers on the Plains (8)

The Struggle for the Plains (9)

The Changing Roles and Status of Women from 1840 onwards

The campaigns for women's suffrage, 1840–1918 (7)

The impact of the First World War (3)

The Cold War

1945–1950: What went wrong? (6)

1950-60: Containment (5)

1960-1970: Crisis and conflict (4)

1970-1980: Détente (4)

1980-1990: The Evil Empire: Collapse of the Soviet Union (8)



The Impact of Leisure and Entertainment from 1900 Onwards

Sport, Leisure and Tourism from 1900 to the Present Day (4)

The Role of Empire and Decolonisation

Decolonisation – from Empire to Commonwealth (2)

Trade and Empire (5)

The USA 1850-date

America in Depression (7)

American Sport, Culture and Society in the 20th Century (6)

Foreign policy: War and Isolation, 1914-1941 (4)

Law and Order in the 1920s (6)

The Causes and Consequences of the American Civil War (6)

The Race Issue (6)

The Recovery from Depression 1933-1941 (5)

The United States 1945 to 1980 (9)

The USA from 1918 to 1929 (5)



Vietnam

America's war at home (4)

Escalation 1963-1968 (8)

Impact of the Vietnam War (3)

Vietnam 1941-1963 (6)

Vietnam 1968 to 1975 (4)

World War One

Military and Naval Tactics in World War One (8)

The End of World War One and its Aftermath (6)

The Home Front (5)

The Origins of World War One (6)

The Road to War: Europe, 1870–1914 (5)

World War Two

Events in Europe 1939 to 1945 (10)

Life in Britain During World War Two (5)

The War in the Far East: From 1941 to 1945 (8)

History



History for examination in 2018

AQA

(Number of chapters/pods in brackets)

Conflict and Tension, 1918-1939

Peacemaking (4)

The League of Nations and International Peace (7)

The Origins and Outbreak of the Second World War (7)

Conflict and Tension Between East and West

The Origins of the Cold War (5)

The Development of the Cold War (8)

Transformation of the Cold War (5)

Germany, 1890 to 1945: Democracy and Dictatorship

Germany and the Growth of Democracy (12)

Germany and the Depression (7)

The Experiences of Germans Under The Nazis (12)

Britain: Health and the People

Medicine Stands Still (7)

The Beginnings of Change (7)



Edexcel

(Number of chapters/pods in brackets)

Superpower Relations and the Cold War, 1941 to 1991

The Origins of the Cold War, 1941-1958 (9)

Cold War Crises, 1958 to 1970 (3)

The End of the Cold War, 1970-1991 (7)

Weimar and Nazi Germany, 1918 to 1939

The Weimar Republic, 1918 to 1929 (7)

Hitler's Rise to Power, 1919-1933 (7)

Life in Nazi Germany, 1933 to 1939 (7)

Nazi Control and Dictatorship (11)

Medicine in Britain, c1250 to Present Day

C1250-c1500: Medicine in Medieval England (4)

C1500-c1700: The Medical Renaissance in England (6)

History



OCR A (Gateway)

(Number of chapters/pods in brackets)

International Relations: The Changing International Order, 1918-2001

Conflict and Co-Operation, 1918-1939 (19)

The Cold War, 1945-1989 (10)

From the End of the Cold War to 9/11 (3)

Germany, 1925 to 1955

The Rise and Consolidation of the Nazi Regime, 1925-1934 (14)

Nazi Germany and Its People, 1933 to 1939 (8)

War and Its Legacy, 1939-1955 (8)

History



OCR B (21st Century)

(Number of chapters/pods in brackets)

Living Under Nazi Rule, 1933 to 1945

Changing Lives, 1933 to 1939 (6)

Control and Opposition, 1933 to 1939 (3)

Dictatorship (9)

Germany in War (3)

Occupation (2)

The People's Health, c.1250 to Present Day –

Medieval Britain, c.1250 – c.1500 (3)

Early Modern Britain, c.1500 – c.1750 (4)

History



Eduqas

(Number of chapters/pods in brackets)

The Development of Germany, 1919 to 1991

Weimar Germany (4)

Life Under the Nazis (6)

The Rise of the Nazi Party and Its Consolidation of Power, 1933 to 1934 (12)

Life During The Second World War (4)

Cold War Relations (3)

West and East Germany Between 1949 and 1991 (1)

Co-Operation and Reconciliation (1)

Changes in Health and Medicine, c.500 to Present Day

Causes of Illness and Disease (3)

Advances in Medical Knowledge (4)

Attempts to Treat and Cure Illness and Disease (2)

Developments in Patient Care (2)

Developments in Public Health and Welfare (2)

History



WJEC

(Number of chapters/pods in brackets)

Germany In Transition, 1919 to 1939

Impact of the First World War (5)

Recovery of Weimar (2)

Consolidation of Power (7)

Nazi Economic, Social and Racial Policy (6)

Terror and Persuasion (2)

Hitler's Foreign Policy (2)

Changes in Health and Medicine, c1340 – present day

Causes of Illness & Disease (2)

Advances in Medical Knowledge (4)

Attempts to Treat and Cure Illness and Disease (2)

COMING SOON

Germany in Transition, 1919-1939 -

End of the Weimar Republic (2)

History



Cambridge IGCSE

(Number of chapters/pods in brackets)

Germany, 1918 to 1945

The Nazi Regime (12)

Was The Weimar Republic Doomed From The Start? (7)

The 20th Century: International Relations Since 1919

Were the Peace Treaties of 1919 to 1923 Fair? (5)

To What Extent was the League of Nations a Success? (6)

Why was Hitler Able to Dominate Germany by 1934? (10)

Why Had International Peace Collapsed by 1939? (7)

Who was to Blame for the Cold War? (7)

How Secure was the USSR's Control Over Eastern Europe, 1948 – c.1989? (4)

How Effectively did the USA Contain the Spread of Communism? (3)



Edexcel International

(Number of chapters/pods in brackets)

A World Divided: Superpower Relations, 1943 to 1972

Reasons for the Cold War (5)

Early Developments in the Cold War, 1945-49 (4)

The Cold War in the 1950s (4)

The Thaw and Moves Towards Détente, 1963 to 1972 (1)

Germany: Development of a Dictatorship, 1918 to 1945

The Establishment of the Weimar Republic and Its Early Problems (5)

The Recovery of Germany, 1924-1929 (1)

The Rise of Hitler and the Nazis to January 1933 (7)

Nazi Germany, 1933 to 1939 (13)

Three Crises: Berlin, Cuba and Czechoslovakia (4)

Germany and the Occupied Territories During the Second World War (4)



This subject area does not currently meet our high standards for exam board relevancy which is why you are not able to view exam specific pages. Feedback from our subscribers tells us that the Pods for this subject are still very useful for many teachers and students; however, we would advise teacher discretion in pointing students to relevant content.

Data

Hardware (9)

Manipulating Data

Data Handling (5)

Processing and Presenting (5)

Modern Living

A Digital World (3)

ICT and Society (6)

The Internet (4)

ICT



Safety and Security

Safety and Security: Safety and Security (8)

Software and Systems

Software and Systems: Software and Systems (6)

Computer Science



Computer Science

for examination in 2017

(Number of chapters/pods in brackets)

This content is also suitable for OCR Computing.

Computer Systems

Computer Systems (3)

Emerging Trends (1)

Reliability & Law (3)

Databases

Databases (7)

Hardware

CPU (4)

Binary Logic (3)

Levels of code (2)

Memory (1)

Secondary Storage (5)

Computer Science



Hardware [continued]

Programming Levels (1)

Input & Output Devices (5)

Networks

LANs & WANs (2)

Networks (7)

The Internet (3)

Web Applications (1)

Programming

Algorithms (8)

Program Design (1)

Standard Algorithms (4)

Software Development (8)

Testing (8)

Computer Science



Representation of data

Character (1)

Images (1)

Sound (1)

Instructions (1)

Encryption (1)

Units (1)

Denary, Binary & Hex (4)

Software

Operating Systems (2)

Functions of an Operating System (1)

Utility Programs (3)

Custom & Off-the-shelf software (1)

Computer Science



Computer Science

for examination in 2018

(Number of chapters/pods in brackets)

Databases

Concept and DBMS (1)

Relational Databases (4)

Hardware

Binary logic (5)

Programming Levels (1)

Secondary storage (3)

The Central Processing Unit (CPU) (5)

Networks

LANs & WANs (18)

Programming

Algorithms (9)

Data in Algorithms (10)

Software Development (4)

Computer Science



Programming [Continued]

Standard Algorithms (5)

Testing (7)

Representation of data

Character (1)

Encryption (1)

Images (2)

Instructions (1)

Numbers (6)

Software

Custom & Off-the-shelf software (1)

Functions of an Operating System (2)

System Maintenance (2)

Religious Studies



This subject area does not currently meet our high standards for exam board relevancy which is why you are not able to view exam specific pages. Feedback from our subscribers tells us that the Pods for this subject are still very useful for many teachers and students; however, we would advise teacher discretion in pointing students to relevant content.

Belief and Morality

Belief and Morality: Belief and morality (9)

Current Religious Issues

Issues in Modern Society (9)

Matters of Life and Death (5)

Nature and expression (5)

The Use and Abuse of Animals (10)

Buddhism

Basic Buddhist Beliefs and Values (8)

Buddhist Attitudes Towards Life, Suffering and Death (3)

Buddhist Festivals, Celebrations and Rites of Passage (5)

Buddhist Worship and Holy Books (4)

Living the Buddhist Life and Different Schools in Buddhism (5)

Religious Studies



Hinduism

Gods and Goddesses (5)

Hindu Festivals (3)

Justice and Equality (4)

Matters of Life and Death (4)

Personal Life (4)

Rites of Passage (5)

Scripture and Belief (4)

Worship (4)

Islam

Basic Islamic Beliefs and Values (6)

Different Schools of Islam (3)

Islamic Attitudes Towards Justice, Suffering,

Life and Death (4)

Islamic Festivals, Celebrations and Rites of Passage (5)

Islamic Worship and Holy Books (5)

Living the Islamic Life (6)

Religious Studies



Religion and Citizenship

Identity (3)

Religious View on Work and Leisure (5)

Judaism

Beliefs and Values (6)

Holy Books (3)

Jewish Attitudes (7)

Jewish Festivals (6)

Rites of Passage (5)

Worship (6)

Sikhism

Basic Sikh Beliefs and Values (7)

Living the Sikh Life and Matters of Life,

Suffering and Death (5)

Sikh Festivals, Celebration and Rites of Passage (6)

Sikh Worship and Holy Books (4)

Religious Studies



Christianity

Basic Christian Beliefs and Values (9)

Christian Attitudes towards Life, Suffering and Death (8)

Christian Beliefs about Marriage and the Family (3)

Christian Festivals (5)

Christian Worship (8)

Different Denominations of Christianity (5)

Rites of Passage (6)

The Bible (5)

The life of Jesus and the Gospels (6)

Religious Expression

Censorship and Freedom of Speech (2)

How do Religions use the Media? (3)

Private and Public Worship (2)

Relationships between Religion and Media (10)

Religion and Architecture (4)

Religion and Art (4)



Everyday Activities

Food and Groceries (4)

Health, Fitness and Leisure (4)

Home and Abroad

Holidays and Travel (4)

The World Around Us (4)

Home and Environment

Home and Local Area (5)

Personal and Social Life

Self and Family (5)

Life Skills and Naming Things (5)

School, College and Future Plans

School (4)

Work and Social Life (5)

Spanish



Home and Environment

Home and Local Area (6)

School, College and Future Plans

School (4)

Work and Social Life (5)

Personal and Social Life

Self and Family (5)

Life Skills and Naming Things (5)

Everyday Activities

Food and Groceries (5)

Health, Fitness and Leisure (5)

Home and Abroad

The World Around Us (4)

Holidays and Travel (5)

Spanish



New Specification *coming August 2017*

Personal, Social, Cultural Life

Me, Friends, Family, Relationships (5)

Daily Life (7)

Customs and Festivals (2)

Your Areas, Holidays, Travel

Where You Live, Your Region & Country (5)

Tourism and Travel (4)

School

What My School Is Like (4)

School Activities and My Achievements (1)

Future Plans, Study and Work

Languages Beyond The Classroom (1)

After School (3)

Spanish



National and International

International Sports or Music Events (1)

Healthy Eating Campaigns (1)

Environmental Issues (2)

Poverty/Homelessness (1)

Language Skills

Essential Spanish (8)

Grammar

KS3 Revision (3)

Grammar Series (14)

German



Home and Environment

Home and Local Area (6)

School, College and Future Plans

School (4)

Work and Social Life (5)

Personal and Social Life

Self and Family (5)

Life Skills and Naming Things (5)

Everyday Activities

Food and Groceries (4)

Health, Fitness and Leisure (5)

Home and Abroad

The World Around Us (4)

Holidays and Travel (5)



Language Skills

Essential Welsh (5)

Personal Information

Myself (4)

Further Personal Information (6)

Interests

Interests (5)

Wales and Welsh Life

Wales and Welsh Life (3)

My Life

My Life (5)

Healthy Living

Health, Fitness and Leisure (2)

Alcohol, Drugs and Smoking (3)

Our World

Our World (3)

Grammar

Grammar (10)



Music Theory Grade One

Grade One Part One (5)

Grade One Part Two (5)

Grade One Testbites (4)

Music Theory Grade Two

Grade Two Part One (5)

Grade Two Part Two (4)

Grade Two Testbites (4)

Music Theory Grade Three

Grade Three Part One (6)

Grade Three Part Two (4)

Grade Three Testbites (4)

Music Theory



Music Theory Grade Four

Grade Four Part One (6)

Grade Four Part Two (7)

Grade Four Testbites (4)

Music Theory Grade Five

Grade Five Part One (6)

Grade Five Part Two (6)

Grade Five Testbites (4)

Design & Technology



Resistant Materials

Materials (6)

Materials and Components (7)

Designing Products (9)

Design Considerations (5)

Industrial Processes (5)

Components and Finishing (3)

Graphic Products

Materials and Components (4)

Designing Products (7)

Graphic Products: Design Considerations (7)

Making Products (3)

Industrial Practices (4)

Product Design

Compulsory Materials (3)

Product Design: Optional Materials Part 2 (6)

Designing Products (7)

Design & Technology



Product Design [Continued]

Design Influence (5)

Making Products (7)

Industrial and Commercial Practice (5)

Optional Materials Part 1 (5)

Food Technology for examination in 2017

Designing Food Products (5)

Design and Market Issues (2)

Food Processes (6)

Properties of Food Products (10)

Textiles

Design Considerations (7)

Designing Products (8)

Making Products (6)

Materials and Components (7)

Physical Education



PE for examination in 2017

(Number of chapters/pods in brackets)

100% coverage for AQA. 70% coverage for OCR and Edexcel. Some topics available for IGCSE with teacher guidance.

PE, Sport and Competition

Concepts & Processes (3)

School (3)

Sport (3)

Roles (5)

Balanced, Active, Healthy Lifestyles

Factors Affecting Health (5)

Making Informed Choices (3)

Fitness, Training and Exercise

Components of Fitness (3)

Training Principles (5)

Training Methods (3)

Physical Education



Fitness, Training and Exercise [Continued]

Exercise (2)

Methods of Exercise (3)

Short-term Effects (3)

Long-term Effects (3)

Demands of Performance (4)

Developing Skills and Techniques

Learning & Developing Skills (7)

Evaluating Skills (4)

Body Systems

The Skeletal System (5)

Muscular System (4)

Respiratory & Circulatory Systems (3)

Opportunities, Participation and Pathways

Participation (8)

Opportunities and Pathways (3)

Physical Education



PE for examination in 2018

(Number of chapters/pods in brackets)

COMING EARLY 2018

[AQA]

Physical Training - The Relationship Between Health & Fitness and the Role of

Exercise (1)

How is Fitness Measured and Improved? (7)

Principles of Training (1)

Types of Training (8)

Training Considerations (1)

Training Seasons (1)

[Edexcel]

Applied Anatomy

& Physiology - Structure and Function of the Musculo-Skeletal System (9)

Structure and Function of the Cardio-Respiratory System (9)



AQA

(Number of chapters/pods in brackets)

Growing as a Business

Marketing (1)

Setting up a Business

Starting a business (2)

Marketing (1)

Finance (2)

People in Business (2)

Operations Management (2)

Starting up a Business

Starting a business (4)

Marketing (2)

People in businesses (1)

Operations management (2)

Business Studies



Growing as a Business

The business organisation (4)

Marketing (3)

Finance (3)

People in businesses (2)

Operations management (4)



Edexcel

(Number of chapters/pods in brackets)

Building a business

Effective Financial Management (4)

Marketing (5)

Meeting Customer Needs (6)

The Wider World Affecting Business (4)

Effective People Management (4)

Introduction to small business

Spotting a business opportunity (6)

Showing enterprise (6)

Putting a business idea into practice (6)

Making the start-up effective (5)

Understanding the economic context (5)



OCR *(Number of chapters/pods in brackets)*

Marketing & Enterprise

Marketing (7)

Enterprise (7)

Business & People

The Structure of Business Activity (6)

The Workforce in Business (9)

Production, Finance & the External Business Environment

Managing Resources to Produce Goods and Services (3)

Financial Information & Decision Making (4)

External Influences on Business Activity (8)

Revision & Study Skills



GCSE Revision: Revision and Study Skills (4)

Biology: Revision and Exam Tips (4)

Chemistry: Revision and Exam Tips (4)

English: Revision and Exam Tips (2)

Geography: Revision and Exam Tips (2)

History: Revision and Exam Tips (2)

ICT/Computer Science: Revision and Exam Tips (3)

Maths: Revision and Exam Tips (3)

Revision & Study Skills



Physics: Revision and Exam Tips (4)

Religious Studies: Revision and Exam Tips (2)

AT A GLANCE GUIDE

PUBLISHING FOR THE NEW UK SPECIFICATIONS

Subject	2017 Exams	2018 Exams
Maths	100% coverage for all specs.	100% coverage for all specs.
English Literature	All popular texts covered. Nearly 1000 Pods on the site.	All popular texts covered. Nearly 1000 Pods on the site.
English Language	100% published for new specs, with a modernisation overhaul planned.	Mapped for new specs, new Reading Unseen Fiction pods planned. Brand new content due 2017.
Biology	100% coverage for all specs.	100% subject knowledge covered for all GCSE and IGCSE boards, except Eduqas which is planned.
Chemistry	100% coverage for all specs.	100% coverage for IGCSE and CEA. 90% of subject knowledge covered for AQA, OCR B and WJEC. Edexcel, OCR A and Eduqas due early 2017.
Physics	100% coverage for all specs.	100% coverage IGCSE and CEA. 90% subject knowledge covered for all GCSE boards, except Eduqas which is planned.
Combined Science <i>Excl. IGCSE</i> <i>Double Award for some boards</i>		A new GCSE. We have around 90% AQA, OCR B and WJEC subject knowledge covered. We also have around 90% of the Biology and Physics aspects of OCR A and Edexcel covered, with the Chemistry aspect to be added.
Core Science	100% coverage for all specs.	No longer examined.
Additional Science	100% coverage for all specs.	No longer examined.
Combined and Co-ordinated Science <i>IGCSE</i>	100% coverage of the Cambridge IGCSE Combined Science spec.	A new GCSE. 90% of subject knowledge coverage. Our IGCSE coverage remains at 100%.
Computer Science	Full coverage of OCR, AQA and Edexcel.	60% coverage for OCR, AQA, Edexcel, WJEC and Eduqas. See content list for available topics. IGCSE is planned.



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Subject	2017 Exams	2018 Exams
ICT	Non exam board specific Pods are available, we advise teacher discretion re. relevance.	No longer examined from 2018.
Geography	Most popular topics covered. 200 Pods available.	100% of Natural Hazards topics are now live. UK Physical Landscapes titles have been publishing since December 2016. Contact us for updates on specific topics.
History	Most popular topics covered. Over 450 Pods available.	The most popular topics prioritised for publishing. 37 Pods for the Inter War Years, Nazi Germany and The Cold War are live on the site. History of Medicine is also live on the site. Further topics to follow. Contact us for updates on specific topics.
Religious Studies	Non exam board specific Pods are available, we advise teacher discretion re. relevance.	Delays in Ofqual approval caused uncertainty. New Pods planned.
Welsh	BRAND NEW subject for GCSEPod. 100% coverage. Sample available upon request.	BRAND NEW subject for GCSEPod. 100% coverage. Sample available upon request.
French	100% coverage for all specs.	Following subscriber feedback French will be prioritised. Format to follow Welsh style – sample of Welsh Pod available on request.
Spanish	100% coverage for all specs.	New content planned, format to follow Welsh style. Sample of Welsh Pod available on request.
German	100% coverage for all specs.	New content planned, format to follow Welsh style. Sample of Welsh Pod available on request.
PE	100% coverage for AQA. 70% coverage for OCR and Edexcel. Some topics available for IGCSE with teacher guidance.	New content in production.



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Subject	2017 Exams	2018 Exams
Business Studies	100% coverage for Edexcel and AQA. 70% coverage for OCR. Some topics available for IGCSE with teacher guidance.	New GCSE not taught until 2017, first examined in 2019. Publishing due for review.
D&T	100% coverage of AQA, Edexcel, OCR and WJEC specs.	New GCSE not taught until 2017, first examined in 2019. Publishing due for review.
Food Preparation and Nutrition	Not yet examined.	Publishing being considered in place of D&T: Food Technology following its discontinuation after 2017 exams.



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