

Geography

If it isn't on the list it won't be in the assessment. Students should see their teacher with queries.

Paper 1 - Living with the Physical Environment

Tectonic hazards

Ecosystems and hot deserts

UK landscapes - River landscapes only

Paper 2 - Challenges in the Human Environment

Urban challenges (LIC only including Rio De Janeiro)

The Development gap and the Nigeria case study.

Economic change in the UK

History

Paper 2

1.2 The development of the Cold War

2.1 Berlin 1958-63

2.2 The Cuban Missile Crisis

3.2 Flashpoints in Superpower Tensions (1979-84)

3.3 The collapse of Soviet control in Eastern Europe (1985-91)

Paper 3

Unit 1 - The Weimar Republic 1918-29

Unit 3 - Nazi control and dictatorship 1933-39

Psychology

Paper 1

Memory & Perception

Paper 2

Development & Research Methods

Explanations of depression

Sociology

Paper 1

Families & Education - All content will be examined

Paper 2

Crime & Deviance with Social Stratification- All content will be examined

The essay focus will be on

Changing relationships in families

Meritocracy in Education

Gender and Crime

Social equality

Biology (separate science)

Paper 1

Transport in cells, The heart and blood vessels, Plant tissues, organs and systems, The human digestive system, Communicable diseases, Plant disease, Monoclonal antibodies, Discovery and development of drugs, Photosynthesis, Respiration

Paper 2

Homeostasis, The brain, structure and function of the kidneys, DNA and the genome, evolution, decomposition

Chemistry (separate science)

Paper 1

Chemical bonds, ionic, covalent and metallic, How bonding and structure are related to the properties of substances, Structure and bonding of carbon, Bulk and surface properties of matter including nanoparticles, Exothermic and endothermic reactions, Chemical cells and fuel cells, Required practical 4, Electrolysis, A simple model of the atom, symbols, relative atomic mass, electronic charge and isotopes, The periodic table, Reactivity of metals, Reactions of acids, Chemical measurements, conservation of mass and the quantitative interpretation of chemical equations

Paper 2

Rates of reaction, Reversible reactions and dynamic equilibrium, Carbon compounds as fuels and feedstock, Reactions of alkenes and alcohols, Synthetic and naturally occurring polymers, Purity, formulations and chromatography, Identification of ions by chemical and spectroscopic means, The composition and evolution of the Earth's atmosphere, Carbon dioxide and methane as greenhouse gases, Common atmospheric pollutants and their sources, Chemical measurements, conservation of mass and the quantitative interpretation of chemical equations

Physics (separate science)

Paper 1

Energy changes in a system, and the ways energy is stored before and after such changes, Conservation and dissipation of energy, Current, potential difference and resistance, Series and Parallel Circuits, Internal energy and energy transfers, Atoms and nuclear radiation, Hazards and uses of radioactive emissions and of background radiation, Nuclear fission and fusion

Paper 2

Forces and Elasticity, Momentum, Waves in air, fluids and solids, electromagnetic waves, The motor effect, Induced potential, transformers and the National Grid, Solar system; stability of orbital motions; satellites

Science (trilogy) Foundation

Assessment Topics

- Bi Paper 1F Cell structure, transport in cells, the human digestive system, gas exchange, non-communicable and communicable disease, human defence systems, discovery and development of drugs, respiration
- Ch Paper 1F Atomic Structure & the Periodic Table, Bonding, Structure & the Properties of Matter, Quantitative Chemistry, Chemical Changes, Energy Changes
- Ph Paper 1F Energy changes in a system, and the ways energy is stored before and after such changes, Conservation and dissipation of energy, National and global energy resources, Current, potential difference and resistance, Energy transfers, Changes of state and the particle model, Internal energy and energy transfers, Atoms and isotopes, Atoms and nuclear radiation.
- Bi Paper 2F DNA and the genome, variation, reproduction, contraception, human nervous system, adaptations
- Ch Paper 2F The Rate & Extent of Chemical Change, Organic Chemistry, Chemical Analysis, Chemistry of the Atmosphere, Using Resources
- Ph Paper 2F Forces and their interactions, Work done and energy transfer, Forces and elasticity, Forces and motion, Waves in air, fluids and solids, Electromagnetic waves

Science (trilogy) Higher

Assessment	Topics
Bi Paper 1H	Cell structure, transport in cells, digestion, communicable disease, discovery and development of drugs, respiration
Ch Paper 1H	Atomic Structure & the Periodic Table, Bonding, Structure & the Properties of Matter, Quantitative Chemistry, Chemical Changes, Energy Changes
Ph Paper 1H	Energy changes in a system, and the ways energy is stored before and after such changes, Conservation and dissipation of energy, National and global energy resources, Current potential difference and resistance, Domestic uses and safety, Energy transfers, Internal energy and energy transfers, Atoms and isotopes, Atoms and nuclear radiation
Bi Paper 2H	Human nervous system, adaptations, homeostasis, hormones, DNA and the genome, inheritance and inherited disorders, classification, extinction
Ch Paper 2H	The Rate & Extent of Chemical Change, Organic Chemistry, Chemical Analysis, Chemistry of the Atmosphere, Using Resources
Ph Paper 2H	Forces and their interactions, Work done and energy transfer, Forces and elasticity, Forces and motion, Momentum, Electromagnetic waves, Permanent and induced magnetism, magnetic forces and fields

Computer Science

Component 1

CPUs, Memory, Storage & Capacity, Networks, System Security Vulnerabilities, Operating Systems.

Component 2

Algorithms, Use of Pseudocode, Sorting Algorithms, Data Types, Maintainability of Programs, SQL, Translators, IDEs, Truth Tables, AND, OR, NOT truth tables, Data Representation

Economics

Macro Economics - National and International

Business Studies

Business in the Real World

Influences on Business

Marketing

Finance

Maths

Higher

Algebraic fractions, Area of compound shapes, Box plots, Column Vectors, Combinations, Equation of a tangent to a circle, HCF and LCM, Indices, Iteration, Key points of a quadratic graph, Linear graphs, Nth term, Percentages, Plotting a graph, Share in a ratio, Similar shapes, Transformations, Transformations of graphs, Tree diagrams, Trigonometry, Venn diagrams, Volume of 3D solids

Foundation

Angle facts, Area of compound shapes, Bar charts, Column Vectors, Equation of a straight line, Forming expressions, Fractions decimals and percentages, HCF and LCM, Interior and exterior angles of polygons, Multiplication and Division problems, Pie charts, Plotting a graph, Right angled trigonometry, Rounding, Simplifying expressions, Solving equations, Substitution, Timing problems, Transformations, Types of number, Unit conversions, Venn diagrams, Volume of 3D solids, Writing and sharing in ratios

English Literature

Paper 1

Macbeth' extract question (1 hour)

English Language

Paper 1

Reading paper 1hour

LP2 (non-fiction) Questions 1, 3 and 4 ONLY

Paper 2

Writing paper 1 hour

LP2 non-fiction writing OR LP1 descriptive writing

PE (GCSE)

Paper 1

- 1.1 Applied anatomy and Physiology
- 1.2 Physical Training

Paper 2

- 2.1 Socio-cultural studies
- 2.2 Sports psychology
- 2.3 Health, fitness and well-being

Sport (BTEC)

Components of Skill and Health related fitness

Basic and Additional Principles of training

Exercise intensity

Fitness training methods

Fitness tests for Components of fitness

Music

Assessment	Duration	Topics
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Music 1	45m	
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Aos 1 Western Classical Tradition 1650-1910, Aos 2 Popular Music, Aos 3 Traditional Music

Music 2	30m	
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Aos 1 Haydn's Clock Symphony, Aos 2 The Beatles

Food & Nutrition

Food Nutrition and Health: properties of macronutrients, loss of vitamins, nutritional analysis of a product, health related diseases, healthy eating guidelines.

Food Science: shortcrust pastry, heat transfer.

Food Choice: marketing influences.

Food Provenance: milk production, fair trade, local/seasonal foods.

Food Safety: food storage, handling raw meat, cross-contamination.

Drama

Role of director

Voice

Movement/physicality

Motivation

Objective

Character Interaction

Relationships between characters

Status

Social class

Rehearsal techniques

Role of Designer

Lighting

Sound

Staging

Atmosphere

Costume

Live Theatre Review (choice of 2 questions)

Role of Director

Role of Designer

Spanish - Foundation tier

FOUNDATION TIER: Vocabulary related to: School subjects (module 2), issues at school (module 2), types of TV programme (module 3), holiday activities (module 1), family opinions / relationships (module 4), types of job (module 7), food in a restaurant (module 6), healthy/unhealthy lifestyle aspects (module 8), environmental issues (module 8), technology (module 4), celebrations (module 6)

Listening In class 35m

FOUNDATION TIER - NO TRANSLATION:

Vocabulary related to: Music (module 3), free time activities (module 1), celebrity interviews / narrating experiences (module 4), celebrations (opinions) (module 6), opinions of holidays (module 1), fund-raising activities (module 8), healthy living (module 8), a TV programme (module 4), a Spanish island (module 5), extract from a novel, technology – mobile apps (module 4), types of restaurant (module 6), homework (module 2), climate change (module 8)

Reading Tue 18th May 40m

FOUNDATION TIER - NO TRANSLATION: Vocabulary relating to: Music and free-time activities (module 3), describing people and personality (module 3), holiday activities (module 1), future plans (module 4), films (module 3), festivals and celebrations (module 6), environment (module 8), future jobs (module 6)

Writing Fri 21st May 50m

Spanish - Higher tier

Vocabulary related to: Food and adjectives describing food (module 6), weather (module 1), free time activities (module 3), school and future career plans (module 2), volunteering (module 7), local and national problems (module 5, 8), town and local area (module 5), technology (module 7), characteristics (module 4), past, present, future time frames, opinion verbs and reasons

Listening In class

NO TRANSLATION: Vocabulary related to: food and adjectives relating to food groups (module 6), holidays and festivals (module 1 and 6), shopping and free time (module 4), TV and free time (module 4), personality traits (module 3), recycling and local environment (module 8), film and TV (module 4), school subjects (module 2), illness (module 6), work and future plans (module 7), festivals (module 6),

Reading Tue 18th May literary vocabulary

NO TRANSLATION: Vocabulary related to: Vocabulary related to: Free time activities (module 3), personality (module 3), holidays (module 1), exams – (module 2), films and TV (module 3), festivals (module 6), work and future plans (module 7), school and future plans (module 2, 7), local city and region (module 5)

Writing Fri 21st May

RS

Christian Beliefs

Salvation (1.5)

Last days (1.4)

Crime Punishment

Death penalty (2.8)

Aims of punishment (2.5)

Attitudes towards crime (2.2)

Muslim Beliefs

Prophets (1.4)

Akhirah (1.8)

Holy books (1.5)

Marriage and Family

Family (2.3)

Divorce (2.6)

Equality of men and women in
the family (2.7)