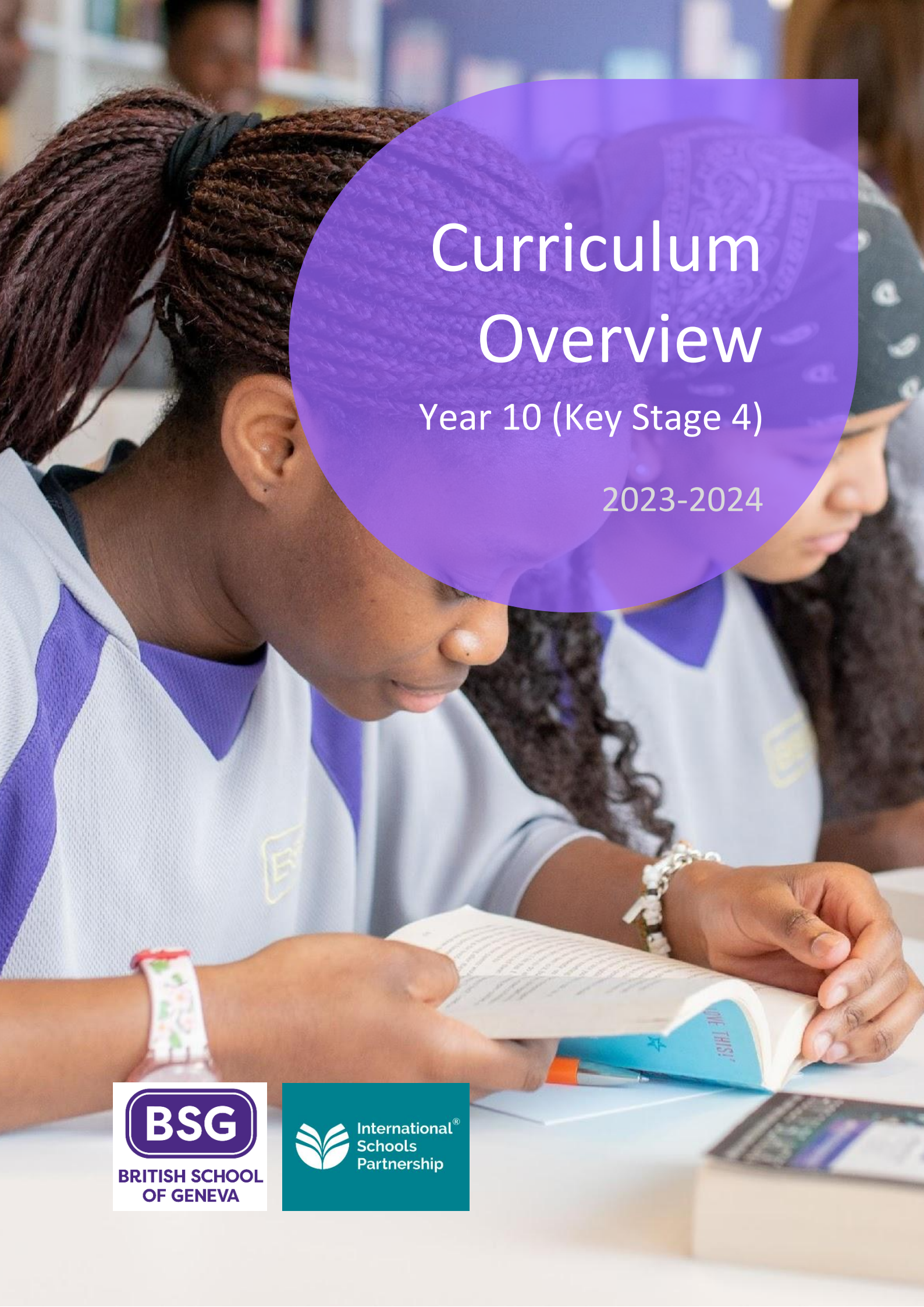

Curriculum Overview

Year 10 (Key Stage 4)

2023-2024

BSG BRITISH SCHOOL OF GENEVA

International® Schools Partnership

Subject	Half Term 1	Half Term 2	Half Term 3	Half Term 4	Half Term 5
GCSE Art	Impressionism Developing skills & knowledge in how to demonstrate analytical and critical understanding of an artist or art movement; Exploring materials techniques and processes. Lecture & Essay on Impressionism Mixing colours Application of acrylic paint Explore & Recreate a Still life, Portrait & Landscape	Impressionism Developing personal responses that realises intentions and makes connections with the Impressionist movement; Researching, exploring and selecting appropriate resources Recording ideas Producing three final responses demonstrating an understanding of and making connections with the impressionism art movement.	Portraits, Symbolism and Frida Kahlo Developing skills & knowledge in how to demonstrate analytical and critical understanding of an artist or art movement. Exploring materials techniques and processes. Lecture & Essay on Frida Kahlo and Symbolism in art. Building drawing and painting techniques in portraiture drawing	Portraits, Symbolism and Frida Kahlo Developing a personal response that realises intentions and makes connections with symbolism and the artist Kahlo. Researching, exploring and selecting appropriate resources Recording ideas Final response producing a symbolic self portrait demonstrating an understanding and making connections with symbolic art	Abstract art and Georgia O'Keeffe Developing skills & knowledge in how to demonstrate analytical and critical understanding of an artist or movement. Lecture on O'Keeffe and Abstract art. Building skills in photography and abstract themes Researching exploring and selecting appropriate resources Recording ideas Completing a final response demonstrating an understanding and connections to abstract art
IGCSE Biology	Unit 1 - Organisms & Life Processes Topic 1 - Life Processes Topic 2 - The Variety of Living Organisms Unit 2 - Animal Physiology Topic 3 - Breathing & Gas Exchange	Unit 2 - Animal Physiology Topic 3 - Breathing & Gas Exchange Topic 4 - Food & Digestion Topic 5 - Blood & Circulation	Unit 2 - Animal Physiology Topic 6 - Coordination Topic 7 - Chemical Coordination Topic 8 - Excretion & Homeostasis	Unit 2 - Animal Physiology Topic 8 - Excretion & Homeostasis Topic 9 - Reproduction in Humans Unit 3 - Plant Physiology Topic 10 - Plants & Food	Unit 3 - Plant Physiology Topic 10 - Plants & Food Topic 11 - Transport in Plants Topic 12 - Chemical Coordination in Plants

IGCSE Chemistry	1. States of matter 2. Elements, compounds and mixtures 3. Atomic structure	4. The periodic table 5. Chemical formulae, equations and calculations 1 6. Chemical formulae, equations and calculations 2	7. Ionic bonding 8. Covalent bonding 9. Metallic bonding	10. Electrolysis 11. The alkali metals 12. The halogens 13. Gases in the atmosphere	14. Reactivity series 15. Extraction and uses of metals 16. Acids, alkalis and titrations 17. Acids, bases and salt preparations 18. Chemical tests
IGCSE Economics	Unit 1.1 Market System The Demand Curve Factors that affect Demand The Supply Curve Factors that affect Supply Market Equilibrium Price Elasticity of Demand	Unit 1.1: Price Elasticity of Supply Income Elasticity Applications of Elasticity Resolving scarcity & The Mixed Economy Externalities: Costs and Benefits	Unit 1.2: Production Productivity and Division of Labour Business costs, revenues and profit Business competition	Unit 1.2: The growth of firms Advantages and Disadvantages of large and small firms Monopoly Oligopoly	Unit 1.2 Privatisation The Labour market Government intervention Introduction to year 11 topics
IGCSE English Literature	Macbeth: Ambition, Betrayal, and Tragedy	Macbeth: Coursework Poetry	The Importance of Being Earnest Earnest: The Art of Satire	Nineteen Eighty - Four: Dystopia, Totalitarianism and Resistance	Frankenstein: Humanity and Hubris
IGCSE English Language	Reading: paper 1a - anthology - non-fiction texts - self-discovery and reflection Writing : paper 1b - transactional writing - non fiction	Reading: paper 1 - unseen non fiction and text types, audience and purposes Self-discovery and reflection Writing : paper 1 - writing different text types and conventions	Reading: paper 1a - anthology - poetry and prose fiction The female perspective Writing: coursework - imaginative writing first draft	Reading: paper 1 revision - anthology texts Writing: coursework - comparative anthology writing first draft	Reading - fiction novel Writing: coursework portfolios - component 3 1. Imaginative writing 2. Anthology comparative piece

IGCSE French (FRE)	6 weeks -Topic Area C: Personal Life and Relationships 2 weeks – Topic Area A: Home and Abroad Literature: No et moi	3 weeks– Topic Area A: Home and Abroad 5 weeks – Topic Area B: Education and Employment Literature: No et moi	1 week – Topic Area B: Education and Employment 5 weeks- Topic Area E: Social Activities, Fitness and Health Literature: No et moi	1 week- Topic Area E: Social Activities, Fitness and Health 5 weeks- Topic Area D: The World Around Us Literature: No et moi	Oral exam Revision – past papers Exams (Listening, Reading, Writing) Literature: No et moi
IGCSE French (FLE)	1 : Everyday life at home and school 1A, 1B, 1C	1 : Everyday life at home and school 1D, 1E 2 : Self, family and friends - at home and abroad 2A, 2B, 2C	2 : Self, family and friends - at home and abroad 2D, 2E, 2F	3 : The world around us 3A, 3B, 3C, 3D	3 : The world around us 3E, 3F, 3G, 3H
IGCSE Geography	Hazardous Environments Natural hazards: is it possible to predict when and where they will occur?	Hazardous Environments What can be done to minimise the destructive impacts of natural hazards? Economic Activity and Energy What are the main factors that influence the location and structure of economic activity and how do they change over time?	Economic Activity and Energy How do population and resources affect economic activity? Why is energy demand increasing and how can it be used in a sustainable way?	River Environments What are the main physical processes that shape river environments and how do they vary along the course of a river?	River Environments How do human activities impact rivers and what measures can be taken to manage these challenges? Fieldwork
IGCSE History	The origins and course of the First World War, 1905–18 The alliance system and international rivalry, 1905–14 The system of alliances and ententes before 1914, including the Triple Alliance and	The origins and course of the First World War, 1905–18 The trench system, life in the trenches, new weapons and methods. Reasons for deadlock. Key features of Somme	A world divided: superpower relations, 1943–72 Reasons for the Cold War Long-term rivalry between the Soviet Union and the West	A world divided: superpower relations, 1943–72 The Cold War in the 1950s The impact of the Korean War and the formation of the Warsaw Pact.	A Divided Union: Civil Rights in the USA, 1945-74 The Red Scare and McCarthyism Reasons for the Red Scare, including the Cold War (1945–50)

	the formation of the Triple Entente. Economic, imperial and military causes of international rivalry. The growth of tension in Europe, 1905–14 The key issues in the Balkans and their significance for international relations, including Balkan nationalism and Austro-Serbian rivalry. The features and impact of the Bosnian Crisis (1908–09) and the Balkan Wars (1912–13). Anglo-German rivalry, including the naval race and the Moroccan Crises of 1905–06 and 1911. The assassination at Sarajevo and its consequences. The Schlieffen Plan and deadlock on the Western Front The	and Passchendaele. Successes and failures on the Western Front, including the responsibility of Haig. The war at sea and the Gallipoli campaign were a German threat to Britain in the North Sea. Jutland. The U-boat threat, the Lusitania and anti-U-boat measures. Reasons for, and key features of, the Gallipoli campaign. Evacuation and effects of campaign. The defeat of Germany The significance of the US entry into the war. Key features of the Ludendorff spring offensive (1918). The Allied drive to victory (July–November 1918) and reasons for German defeat	and the ideological differences Tensions and disagreements during the Second World War. Key features of the conferences at Tehran, Yalta and Potsdam. Early developments in the Cold War, 1945–49 Soviet expansion in Eastern Europe. The Truman Doctrine and the Marshall Plan. Causes, events and results of the Berlin Crisis (1948–49), including the setting up of NATO and the creation of two Germanys: the Federal Republic (FRG) and the Democratic Republic (GDR).	Khrushchev and peaceful co-existence. Hungarian Uprising 1956 Three crises: Berlin, Cuba and Czechoslovakia The U2 incident (1960) The Berlin Wall The Bay of Pigs invasion, the causes and key events of the Cuban Missile Crisis and the reasons for its outcome. Czechoslovakia 1968 Brezhnev Doctrine. The Thaw and moves towards Détente, 1963–72	Methods used by McCarthy and the growth of opposition. Reasons for his downfall. Overall impact of McCarthyism on the USA. Civil rights in the 1950s Segregation and discrimination. The influence of the Supreme Court and Congress. The importance of Brown v Board of Education of Topeka (1954), death of Emmett Till (1955) and the key events and significance of the Montgomery Bus Boycott (1955–56) and Little Rock (1957). The significance of the Civil Rights Act, 1957. Revival of the Ku Klux Klan (KKK).

	Schlieffen Plan and reasons for its failure.				
IGCSE ICT	Unit 6: -Graphics Unit 1: -Digital devices -Type of devices -Peripheral devices	Unit 6: -Word Processing Unit 1: -Digital devices: secondary storage	Unit 6: -Presentation software Unit 1 : -Software -Memory & processes	Unit 6: -Web authoring (HTML CSS basics) Unit 2 : -Digital communication -Networks	Unit 6: -Spreadsheets Unit 3: -Securing data on the internet -Impact of the internet
iGSCE Single Science	Biology: Unit 1: The Nature and Variety of Living Organisms Unit 2: Structure and Function in Living Organisms	Biology: Unit 2: Structure and Function in Living Organisms Unit 3: Reproduction and Inheritance	Chemistry: Unit 1: Principles of Chemistry Unit 2: Inorganic Chemistry	Chemistry: Unit 2: Inorganic Chemistry	Physics: Unit 1: Forces and Motion Unit 2: Electricity Unit 3: Waves
GCSE Statistics (H)	**Collection of data:** Planning Types of data Population and sampling Collecting data	**Processing and representing data** Tabulation, diagrams and representation	**Summarising data** Tabulation, diagrams and representation Measures of central tendency Measures of dispersion population data. Estimation	**Scatter diagrams and correlation** Types of correlation Regression lines and equations of them Spearman's Rank Correlation Coefficient and Pearson's Product Moment Correlation Coefficient	**Time series** Identify trends in data. Interpret seasonal and cyclic trends in context.
GCSE Statistics (F)	**Collection of data:** Planning Types of data Population and sampling Collecting data	**Processing and representing data** Tabulation, diagrams and representation	**Processing and representing data** Tabulation, diagrams and representation	**Summarising data** Tabulation, diagrams and representation Estimation	**Scatter diagrams and correlation** Types of correlation
IGCSE Mathematics (F)	Topic 1 - Number Topic 1 - Factors & Primes	Topic 5 - Formulae & Equations Topic 6 - Expanding, Simplifying & Factorising	Topic 7 - Speed, Density & Pressure Topic 8 - Graphs in Practical Situations	Topic 11 - Polygons Topic 12 - Pythagoras & Trigonometry	Topic 13 - Perimeter, Area & Volume Topic 14 - Indices Revision

	Topic 2 - Fractions, Decimals & Percentages Topic 3 - Directed Numbers, Bodmas, Squares & Cubes Topic 4 - Rounding & Approximation	Topic 7 - Ratio, Proportion	Topic 9 - Straight Line Graphs Topic 10 - Angles, Bearings & Constructions		
IGCSE Mathematics (H)	**1 Number** 1.1 to 1.6 **2 Fractions & percentages** 2.1 Equivalent fractions to 2.9 Interest and depreciation 2.10 a) Compound interest 2,11 b) Repeated percentage changes **4 Directed numbers** 4.1 to 4.5 **5 Squares & cube roots** 5.1 to 5.2: square-cubes, square-cube roots 5.3 Surds Recurring decimals **11 Algebra & formulae** 11.1 Language of Algebra to 11.4 More complicated formulae **12 Algebraic manipulation**	**13 Solutions of equations** 13.1 Linear equations to 13.2 Setting up equations 13.3 More complex equations 13.4 Solving quadratics by factorisation 13.5-7 completing the square and quad formula Forming and solving equations from data given in a context 13.8 Solving simultaneous equations in two unknowns, one linear and one quadratic **15 Straight line graphs** 15.1 Using coordinates to 15.4 y=mx+c 15.5 15.6 Finding equations of parallel and perpendicular lines 15.7 Graphs and	**Geometry** Geometric terms A)Area scale factor B) Solid shapes, volume scale factor **26 Trigonometry** 26.1 to 26.5 26.7 Angle of elevation, angle of depression 26.8 Problems in 3D 26.9 Sine cosine and tangent of obtuse angles 26.10 The sine and cosines rules 26.11 Using sine to find the area of a triangle **9 Standard Form and Indices** use index notation involving: a fractional power negative powers zero powers **21 Functions** 21.1-3 Domain, range, mapping 21.4 Inverse functions	**22 Calculus** 22.1 Gradient of a curve 22.2 More complex curves 22.3 Turning points - maximum and minimums 22.4 Motions of a particle **17 Integer Sequences** - first term and common difference **Statistics** 31 Statistical measures 32 Statistical representation	**Geometry 2** 27 Mensuration 28 Symmetry 29 Vectors 30 Transformations **33 Probability** **Past papers and revision**

	12.1 to 12.8 12.9 Algebraic fractions Quadratics **23 Angle properties** 23.1 Angle facts to 23.7 Tangents and chords **6 Set language and notation** **19 Direct & Inverse proportion** **8 Limits of accuracy** 8.1 Rounding to 8.4 approx 8.5 upper and lower bounds	simultaneous equations **16 Graphs of functions** 16.1 quadratic graphs 16.2 Solving equations with quadratic graphs 16.3 Cubic graphs 16.4 Estimating gradients 16.5 Graphs of sin x, cos x and tan x 16.6 Transformation of graphs	Composite functions		
Physical Education	Football Ball control, passing, shooting, Attacking and defending tactics, small sided games, rules of the game Field Hockey Fundamentals - dribbling/passing/ receiving; Use of space/attacking principles; Defending/tackling; Shooting/set plays ; Positioning/ formations.	Badminton Underarm service, overhead clear, flick service, smash, singles and doubles game	Basketball Fingertip control, Dribbling, Chest pass and bounce pass, Shooting, Defence, Small sided games Table Tennis Grip and ready position, Serve Forehand and backhand, Rules of the Game - Singles and doubles	Tennis Grip and ready position, Serve Forehand and backhand, Overhead (smash) Netball Hand-eye coordination and passing and catching technique, Shooting technique, Footwork fundamentals, Attacking and Defensive Tactics	Athletics Short, medium and long distance running, long jump, High jump Javelin throwing, Shot put, Relays
IGCSE Physics	Unit 1: Forces and Motion	Unit 2: Electricity 1) Mains Electricity 2) Current and Voltages	UNIT 3: Waves 1) Properties of Waves	Unit 4: Energy Resources and Energy Transfer	Revision Presentations Past Papers

	1)Movement and Position 2) Forces and Shapes 3) Forces and Movement 4) Moment 5) Newton's Law	3) Electrical Resistance 4) Electric charge 5) Static Electricity	2) The Electromagnetic Spectrum 3) Light Waves and Sound	1) Energy Store/Transfers 2) Thermal Energy 3) Work and Power 4) Energy resources and Electricity generation	Final Assessment