

# Curriculum Overview

Year 11 (Key Stage 4)

2023-2024



International<sup>®</sup>  
Schools  
Partnership

Subject	Half Term 1	Half Term 2	Half Term 3	Half Term 4	Half Term 5
GCSE Art	Personal Investigation Students start work on preparatory studies for their Personal Investigation Choosing starting points • Appropriate artists • Artist research and analysis • Media experimentation • Formal elements • Exploring techniques and processes	Personal Investigation Students continue with work on preparatory studies for their Personal Investigation Choosing starting points • Appropriate artists • Artist research and analysis • Media experimentation • Formal elements • Exploring techniques and processes • Refine and developing ideas	Students finalise the Personal Investigation with a 10 hour personal and final response. Exam project Feb 1st Set Assignment preparatory period, Students start work on preparatory studies in response to the exam theme: Choosing starting points • Appropriate artists • Artist research and analysis • Media experimentation • Formal elements • Exploring techniques and processes	Exam project - Set Assignment Students continue work on preparatory studies in response to the exam theme Choosing starting points • Appropriate artists • Artist research and analysis • Media experimentation • Formal elements • Exploring techniques and processes • Refine and develop ideas	Exam project - Set Assignment Final piece prep 10 Hour exam to complete a personal response to the exam theme
IGCSE Biology	Topic 10: Plants & Food Topic 11: Transport in Plants Topic 12: Chemical Coordination in Plants Topic 13: Reproduction in Plants	Topic 14: Ecosystems Topic 15: Human Influences on the environment Topic 16: Chromosomes, Genes & DNA Topic 17: Cell division	Topic 18: Genes and Inheritance Topic 19: Natural Selection and Evolution	Topic 20: Selective Breeding Topic 21: Using Microorganisms Topic 22: Genetic Modification	Revision
IGCSE Chemistry	19. Energetics 20. Rates of reaction 21. Reversible reactions and equilibria	21. Reversible reactions and equilibria 22. Introduction to organic chemistry 23. Crude oil	24. Alkanes 25. Alkenes 26. Alcohols 27. Carboxylic acids	28. Esters 29. Synthetic polymers Revision	Revision Exam leave
IGCSE Economics	Unit 2.1: Economic Growth Inflation Consequences of	Unit 2.1: Monetary Policy Supply Side Policies Relationship between	Unit 2.2: Globalisation and Multinational companies	Unit 2.2: World trade patterns and Trading Blocs The World Trade	Exam Leave Revision

	<p>Inflation</p> <p>Unemployment</p> <p>Balance of payments on Current Account</p> <p>Protection of the Environment</p> <p>Economic Policy and Policy Instruments</p> <p>Fiscal Policy</p>	objectives and policies	<p>Winners and losers from Globalisation</p> <p>Foreign Direct Investment and development Aid</p> <p>International Trade</p> <p>Protectionism</p>	<p>Organisations</p> <p>Developed and developing countries</p> <p>Exchange Rate and their Determination</p> <p>Changing exchange rates and government policy</p>	
<b>IGCSE English Literature</b>	A View From the Bridge: Family, Loyalty, and Betrayal	Poetry: The Power of Words	Of Mice and Men: The American Dream on Trial	Poetry Anthology	Assess, revise, revisit
<b>IGCSE English Language</b>	<p>Reading: Studying, Interpreting and Analysing Nonfiction texts in the Edexcel Anthology Paper 1</p> <p>Writing: Transactional Writing Paper 1</p> <p>Component 3 - Imaginative writing portfolio</p>	<p>Reading: Studying, Interpreting and Analysing Nonfiction texts in the Edexcel Anthology Paper 1</p> <p>Writing: Comparative writing of Anthology texts for Component 3 - coursework</p>	<p>Reading: comparative analytical coursework on Edexcel Anthology fiction (poetry and prose) - redrafting and finalising</p> <p>Writing: Coursework - Imaginative redrafted and finalised</p> <p>Edexcel Speaking - optional component of the exam: writing and delivering a speech</p>	<p>Edexcel Speaking - optional component of the exam: writing and delivering a speech</p> <p>Revision of Nonfiction anthology and writing</p>	Assess, revise, recap
<b>IGCSE French (FLE) LMF</b>	Recap and consolidation: A- Home and abroad	Recap and consolidation: B- Education and employment	Recap and consolidation: C- Personal life and relationships Recap and consolidation: D- The world around us	Recap and consolidation: E- Social activities, fitness and health Reading and writing practice, grammar	Recap and Consolidation : all topics Reading and writing practice

			Speaking exam end before Spring break		
<b>French (FRE) MOG /Extension programme</b>	Film study: La Rafle Historic context: WWII	Play : L'Avare  Historic Context: Louis XIV and Molière	Novel: Oscar et la dame rose	Theme: music and festivals	Film study: Samba
<b>IGCSE Geography</b>	Urban Environments What factors contribute to the growing rate of urbanisation and the emergence of megacities?	Urban Environments What are problems created by rapid urbanisation and what strategies can be implemented to make urban living more sustainable?  Fragile Environments and Climate Change What are fragile environments and where are they?	Fragile Environments and Climate Change What are the causes and the impacts of desertification, deforestation, and climate change? How do individuals, organisations, and governments respond to the issue of climate change and what strategies can be implemented?	Fieldwork Collecting data and observations through various methods such as surveys, interviews, mapping, and measurements. Developing communication, spatial awareness, teamwork, environmental awareness, cultural awareness, and safety awareness skills.	Assess, revise, revisit Focus on consolidating understanding and preparing for the next stage of the course.
<b>IGCSE History</b>	A Divided Union: Civil Rights in the USA, 1945-74 Civil Rights in the 1950s The impact of civil rights protests, 1960-74	A Divided Union: Civil Rights in the USA, 1945-74 Other protests: Students, Women, anti-Vietnam Nixon and Watergate  Changes in Medicine, c1848-c1948 Progress in the mid-19th century	Changes in Medicine, c1848-c1948 Discovery and development, 1860-75 Accelerating change, 1875-1905 Government action and war, 1905-20 Advances in medicine, surgery and public health, 1920-48	Assess, revise, revisit Focus on consolidating understanding and preparing for the next stage of the course.	Assess, revise, revisit Focus on consolidating understanding and preparing for the next stage of the course.
<b>IGCSE ICT</b>	Topic 6: -Graphics -Database	Topic 3: -Impact of the internet on individuals, organisations, society	Topic 4: -online goods and services	Topic 5: - Applying ICT Topic 6:	Consolidation Past papers



		- Implications of the use of digital technologies -Online communities		-Spreadsheets (revision) -web authoring (revision)	
IGCSE Mathematics (H)	<b>1 Number</b> <b>2 Fractions &amp; percentages</b> 2.10 a) Compound interest 2.11 b) Repeated percentage changes 2.3 Recurring decimals <b>5 Squares &amp; cube roots</b> 5.3 Surds <b>11 Algebra &amp; formulae</b> <b>12 Algebraic manipulation</b> 12.1 to 12.8 Algebraic manipulation 12.9 Algebraic fractions Quadratics Angle properties <b>13 Solutions of equations</b>	<b>15 Straight line graphs</b> 15.5-6 Finding equations of parallel and perpendicular lines 15.7 Graphs and simultaneous equations <b>16 Graphs of functions</b> 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 <b>6 Set language and notation</b> <b>19 Direct &amp; Inverse proportion</b> <b>8 Limits of accuracy</b> 8.5 and 8.6 upper and lower bounds <b>23.9 Circle theorem</b>	<b>Geometry</b> Geometric terms A)Area scale factor B) Solid shapes, volume scale factor <b>26 Trigonometry</b> 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 <b>9 Standard Form and Indices</b> use index notation involving: a fractional power negative powers zero powers <b>21 Functions</b> 21.1 to 22.6 Domain, range, mapping Inverse functions Composite functions	<b>22 Calculus</b> 22.1 Gradient of a curve 22.2 More complex curves 22.3 Turning points - maximum and minimums 22.4 Motions of a particle <b>17 Integer Sequences</b> - 17.1 to 17.4 first term and common difference <b>31-32 Statistics</b> 31 Statistical measures 32 Statistical representation	<b>Geometry 2</b> 27 Mensuration 28 Symmetry 29 Vectors 30 Transformations <b>33 Probability</b> <b>Past papers and revision</b>
IGCSE Mathematics (F)	Unit 1 - Number Topic 1 - Factors & Primes Topic 2 - Fractions, Decimals & Percentages	Unit 2 - Algebra Topic 5 - Formulae & Equations Topic 6 - Expanding, Simplifying & Factorising Unit 1 - Number	Unit 3 - Geometry & Trigonometry Topic 10 - Angles, Bearings & Constructions Topic 11 - Polygons	Unit 3 - Geometry & Trigonometry Topic 13 - Perimeter, Area & Volume Unit 2 - Algebra Topic 14 - Indices Topic 15 - Inequalities	Unit 2 - Algebra Topic 17 - Number Sequences Unit 3 - Geometry & Trigonometry

	<p>Topic 3 - Directed Numbers, Bodmas, Squares &amp; Cubes</p> <p>Topic 4 - Rounding &amp; Approximation</p>	<p>Topic 7 - Ratio, Proportion, Speed, Density &amp; Pressure</p> <p>Unit 3 - Geometry &amp; Trigonometry</p> <p>Topic 8 - Graphs in Practical Situations</p> <p>Topic 9 - Straight Line Graphs</p>	<p>Topic 12 - Pythagoras &amp; Trigonometry</p>	<p>Unit 1 - Number</p> <p>Topic 16 - Sets &amp; Venn Diagrams</p>	<p>Topic 18 - Transformations &amp; Symmetry</p> <p>Unit 4 - Statistics &amp; Probability</p> <p>Topic 19 - Statistics</p> <p>Topic 20 - Probability Revision</p>
<p><b>Physical Education</b></p>	<p>Football</p> <p>Ball control, passing, shooting, Attacking and defending tactics, small sided games, rules of the game</p>	<p>Badminton</p> <p>Underarm service, overhead clear, flick service, smash, singles and doubles game</p>	<p>Basketball</p> <p>Fingertip control, Dribbling, Chest pass and bounce pass, Shooting, Defence, Small sided games</p> <p>Netball</p> <p>Hand-eye coordination and passing and catching technique, Shooting technique, Footwork fundamentals, Attacking and Defensive Tactics</p>	<p>Handball</p> <p>High and low catching technique, Upper pass, Vertical Jump Shot, Dribbling and movement, Attacking and defensive tactics, Rules of the game</p> <p>Volleyball</p> <p>Passing, setting, serving, spiking, blocking and digging Tactics and rules of the game</p>	<p>Athletics</p> <p>Short, medium and long distance running, long jump, High jump Javelin throwing, Shot put, Relays</p>
<p><b>IGCSE Physics</b></p>	<p>Unit 5:</p> <p>1.Density and Pressure</p> <p>2.Solids, Liquids and Gases</p>	<p>Unit 6:</p> <p>1.Magnetism</p> <p>2.Electromagnetism</p>	<p>Unit 7:</p> <p>1. Atoms and Radioactivity</p> <p>2.Radiation and Half-Life</p> <p>3.Applications of Radioactivity</p> <p>4.Fission and Fusion</p>	<p>Unit 8:</p> <p>1.Motion in the Universe</p> <p>2. Stellar Evolution</p> <p>3. Cosmology</p>	<p>Revision</p>