

Year 10 Curriculum Knowledge At A Glance



Kings Langley School
Unlocking Potential for Life

YEAR 10	1	2	3	4	5	6
Art EDEXCEL GCSE Art	Foundation Studies – An Introduction To GCSE Art				Unit 1 – Personal Portfolio NEA	
Business Studies AQA GCSE Business	Business In The Real World • The Purpose And Nature Of Businesses • Business Ownership • Setting Business Aims And Objectives • Stakeholders • Business Location • Business Planning • Expanding A Business		Influences On Business • Technology • Ethical And Environmental Considerations • The Economic Climate Of Business • Globalisation • Legislation • The Competitive Environment		Human Resources • Organisational Structures • Recruitment And Selection Of Employees • Motivating Employees • Training	
Computer Science OCR GCSE Computer Science	• Boolean Logic • Data Storage (numbers) • Designing, Creating And Refining Algorithms • Practical Programming Skills	• Programming Fundamentals • Data Types • Additional Programming Techniques • Practical Programming Skills	• Data Storage (Characters) • Data Storage (Images) • Data Storage (Sound) • Compression • Practical Programming Skills	• Architecture Of The CPU • CPU Performance • Embedded Systems • Primary Storage (Memory) • Secondary Storage • Networks And Topologies	• Networks and Topologies • Wired and Wireless Networks, Protocols and Layers • Practical Programming Skill	• Practical Programming Skills Revision
Drama AQA GCSE Drama	Understanding Drama: • The Theatrical Profession- Performance Conventions, Spaces & Terminology • Blood Brothers – Exploration Of Text	Understanding Drama: • Blood Brothers- Performance Conventions, Spaces & Terminology • Live Theatre Evaluation- Analysing And Evaluating Live Performance	Understanding Drama: • Blood Brothers- Performance Conventions, Spaces	Devising Drama • Devising a Performance and Devising Log	Devising Drama • Devising a Performance and Devising Log	Devising Drama • Devising a Performance and Devising Log Understanding Drama: • Revisiting Blood Brothers Live Review
English Language	20th Century Literature Reading And Creative Prose Writing- Fiction		19th Century And 21st Century Non-Fiction Reading And Transactional/Persuasive Writing- Non-Fiction		20th Century Literature Reading And Creative Prose - Fiction	

EDUQAS GCSE English Language					19th Century And 21st Century Non-Fiction Reading And Transactional/Persuasive Writing – Non-Fiction/ Spoken Language	
English Literature EDUQAS GCSE English Literature	Blood Brothers		Macbeth		Poetry Anthology	
Food Preparation And Nutrition AQA GCSE Food	Food Hygiene And Safety	Nutrition And Health	Nutrition And Health	Food choice and Food Provenance	Food Science- NEA1 preparation	High skilled food practical's- NEA2 preparation
French AQA GCSE French	Identity and Relationships with Others	Healthy Living and Lifestyle	Education and Work	Free-time Activities	Customs, festivals and celebrations	Celebrity Culture
Geography OCR B GCSE Geography	Dynamic Development: Measuring development, uneven development, Zambia- context, global connections and development strategies.	Global Hazards: Plate tectonics, earthquakes, global circulation, tropical storms and drought – Boscastle Flash flooding and the Big Dry	Urban Futures: Global patterns, opportunities and challenges in EDC cities (Lagos) and AC cities (Leeds)	Continuing urban futures and Urban fieldwork: regeneration and sustainability of the Olympic Park.	Distinctive landscapes: UK landscapes, processes, rivers and coasts – The River Eden and the Jurassic Coast	Continuing distinctive landscapes and physical fieldwork: effectiveness of coastal management at Walton-on-the-Naze Paper 3 preparation
History EDEXCEL GCSE History	Medicine in Britain, c1250–present - Medieval Medicine c.1250-1500 - Renaissance Medicine c.1500 – c.1700	Medicine in Britain, c1250–present - Medicine in the Industrial era c.1700 – c.1900 - Medicine in modern Britain c.1900-present	Medicine in Britain, c1250–present - Medicine in modern Britain c.1900-present - The British sector of the Western Front: injuries, treatment and the trenches, 1914-1918	Superpower relations and the Cold War, 1941–91 The origins of the Cold War, 1941–58	Superpower relations and the Cold War, 1941–91 - Cold War crises, 1958– 70 - The end of the Cold War, 1970–91	Superpower relations and the Cold War, 1941–91 Practice paper Trial exam revision [Medicine in Britain] Weimar and Nazi Germany, 1918–39 The Weimar Republic 1918–29

Mathematics <u>EDEXCEL GCSE Maths</u>	• Calculations • Expressions • Angles And Polygons • Handling Data • Fractions, Decimals And Percentages • Formula And Functions • Working In 2D • Measures And Accuracy • Probability		• Equations And Inequalities • Circles And Constructions • Ratio And Proportion • Factors, Powers And Roots		• Graphs 1 • Working In 3D • Grouped And Bivariate Data	
Music <u>EDUQAS GCSE Music</u>	• Music Theory: Note reading, cadences, clefs and chords • Introduction to Composition Software and skills • Composing within a structure using keys, chords and cadences. • Musical Structures and Devices • Classical Musical Eras: Baroque, Classical, Romantic eras • Solo Performance		• Set Work: Badinerie • Ensemble Music: Baroque, Classical and Romantic • Composition Skills • Free Composition • Solo Performance		• Ensemble Music: Jazz and Musicals • Set Work: Africa by Toto • Free Composition • Introduction to writing a composition to a brief. • Ensemble Performance	
PSHE	• Different Types Of Relationships • Family Life • Divorce • Sexual Abuse/ Exploitation	• Sexual Health • Domestic Violence • Apprenticeships And Post 16 Options • Employability • Voluntary Work	• Diversity In Britain • Discrimination • Gambling • Democracy	• Revision Strategies • Balancing Emotions • Depression • Stress And Coping With Mental Health	• Drugs And County Lines • Alcohol • Addiction	• Consumerism • Money Pressures • Work Experience
Physical Education	Table Tennis/Netball/Football/Handball/Trampolining/Rugby/Badminton (on rotation)		Table Tennis/Netball/Football/Handball/Trampolining/Rugby/Badminton (on rotation)		Athletics/Cricket (on rotation)	
Physical Education GCSE <u>OCR GCSE Physical Education</u>	• Components of Fitness • Applying Principles of Training	• Preventing injury in Physical activity	• Structure and function of the skeletal system • Structure and function of the muscular system	• Movement analysis • Characteristics of skilful movement/Classification of skill	• Goal setting	• Types of guidance and feedback
Religious Education <u>AQA Religious Studies A</u>	• Paper 1: Christian Beliefs • Paper 2: Crime and Punishment		• Paper 1: Islamic/ Jewish Beliefs • Paper 2: War and Peace		• Paper 1: Christian Practices • Paper 2: Relationships and Families	
Science (Double)	• Cell Division • Atomic Structure • The Periodic Table • Energy And Energy Resources	• Organisation And The Digestive System • Structure And Bonding • Electric Circuits	• Organising Animals And Plants • Chemical Calculations • Electricity In The Home	• Communicable Diseases • Chemical Changes • Electrolysis • Molecules And Matter	• Preventing And Treating Disease • Non-Communicable Diseases	• The Human Nervous System • Rates And Equilibrium

AQA GCSE Combined Science					• Energy Changes • Radioactivity	• Forces In Balance
Science (Triple) AQA GCSE Biology AQA GCSE Chemistry AQA GCSE Physics	• Cell Division • Atomic Structure • The Periodic Table • Energy And Energy Resources	• Organisation And The Digestive System • Structure And Bonding • Electric Circuits	• Organising Animals And Plants • Chemical Calculations • Electricity In The Home	• Communicable Diseases • Chemical Changes • Electrolysis • Molecules And Matter	• Preventing And Treating Disease • Non-Communicable Diseases • Energy Changes • Radioactivity	• The Human Nervous System • Rates And Equilibrium • Forces In Balance
Spanish AQA GCSE Spanish	Identity Relationships and Others	Healthy Living and Lifestyle	Education and Work	Free-time Activities	Customs, festivals and celebrations	Celebrity Culture
Technology AQA GCSE Design And Technology	• Specialist Technical Principles • Core Technical Principles	• Specialist Technical Principles • Core Technical Principles	• Core Technical Principles Of Other Specialist Areas	• Designing And Making Principles	Non-Exam Assessment: Substantial Design And Make Iterative Task • Identifying And Investigating Design Possibilities	

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Art EDEXCEL GCSE Art & Design	Unit 1 – Personal Portfolio NEA		Unit 2 – Externally Set Task (EST)			
Business Studies AQA GCSE Business	Operations Management • Production Processes • The Role Of Procurement • The Concept Of Quality • Good Customer Service		Marketing • Identifying And Understanding Customers • Segmentation • The Purpose And Methods Of Market Research • Elements Of The Marketing Mix • Using The Marketing Mix; Product And Pricing • Promotion And Distribution		Finance • Sources Of Finance • Cash Flow • Financial Terms And Calculations • Analysing The Financial Position Of A Business	Exams
Computer Science OCR GCSE Computer Science	• Threats to Computer Systems and Networks • Identifying and Prevent Vulnerabilities • Operating Systems • Utility Software • Ethical, Legal, Cultural and Environmental Impact	• Defensive Design • Testing • Languages • Practical Programming Skills	• Practical Programming Skills • Integrated Development Environment • Searching and Sorting Algorithms • Searching and Sorting Practical Programming Skills	• Catch-Up • Component 1 Theory Revision • Component 2 Theory Revision	• Theory Revision • Practical Programming Skills Revision	Exams
Drama AQA GCSE Drama	• Blood Brothers Revision • Live Theatre • Devising Log	Understanding Drama • The Theatrical Profession- Performance Conventions, Spaces & Terminology • Blood Brothers- Exploration Of Text • Live Theatre Evaluation- Analysing And Evaluating Live Performance Extracts 1 and 2	Texts In Practice • Extracts 1 & 2 • Perform To Visiting Examiner Revision • The Theatrical Profession- Performance Conventions, Spaces & Terminology • Blood Brothers- Exploration Of Text • Live Theatre Evaluation- Analysing And Evaluating Live Performance		Understanding Drama • The Theatrical Profession- Performance Conventions, Spaces & Terminology • Blood Brothers- Exploration Of Text • Live Theatre Evaluation- Analysing And Evaluating Live Performance	Exams

English Language EDUQAS GCSE English Language	20th Century Literature Reading And Creative Prose - Fiction 19th Century And 21st Century Non-Fiction Reading And Transactional/Persuasive Writing - Non-Fiction		Literature Revision		Language Revision And Exams
English Literature EDUQAS GCSE English Literature	A Christmas Carol		Unseen Poetry And Revision		Literature Revision And Exams
Food Preparation And Nutrition AQA GCSE Food	Non-Exam Assessment 1 Scientific report Complete 3-4 practical experiments to demonstrate the functional and nutritional characteristics of foods Write a 1,500 word scientific report.	Non-Exam Assessment 2 Food Preparation Assessment • Knowledge, Skills and Understanding in relation to the Planning, Preparation, Cooking, Presentation of Food and Application of Nutrition related to the Chosen Task. • Prepare, Cook and Present a final menu of three High Skilled Dishes within a single period of no more than three hours, planning in advance how this will be achieved.		Revision Of All Units	Revision And Exams
French AQA GCSE French	Travel and tourism, including places of interest	Media and technology	The environment and where people live	Revision Of All Units	Revision And Exams
Geography OCR GCSE Geography	Changing Climate: patterns, evidence, causes, UK and global impacts.	Sustaining Ecosystems: characteristics of major biomes, tropical rainforests and polar environments.	Resource Reliance: growing demand for resources, access to food and food insecurity - Tanzania.	UK In The 21st Century: Human and physical characteristics population, economy, political role and cultural influence.	Revision And Exams
History EDEXCEL GCSE History	Weimar and Nazi Germany, 1918–39 • The Weimar Republic 1918–29 • Hitler's rise to power, 1919–33	Weimar and Nazi Germany, 1918–39 • Nazi control and dictatorship, 1933–39 • Life in Nazi Germany, 1933–39 Trial exam revision	Early Elizabethan England, 1558–88 • Queen, government and religion, 1558–69 Trial exam feedback	Early Elizabethan England, 1558–88 • Challenges to Elizabeth at home and abroad, 1569–88 • Elizabethan society in the Age of Exploration, 1558–88 Revision	Revision And Exams
Mathematics EDEXCEL GCSE Maths	• Calculations 2 • Graphs 2 • Pythagoras And Trigonometry		• Units And Proportionality • Sequences • Combined Events		Revision And Exams

Music <u>EDUQAS GCSE Music</u>	• Film Music • Theory: Intervals, Chromatic/Dissonant tonality • Composition To A Set Brief • Ensemble Performance • Solo Performance	• Popular Music • Revisiting of Africa by Toto • Composition Deadlines • Performance Deadlines	• All performance and composition Deadlines. Full focus on these.	• Area of Study revision time	Revision And Exams
Physical Education	• Handball/Trampolining/Netball/Badminton/Health Related Fitness/Table tennis/Football/Basketball (on rotation)		• Handball/Trampolining/Netball/Badminton/Health Related Fitness/Table tennis/Football/Basketball (on rotation)		• Options: Rounders/ Tennis/ Ultimate Softball
Physical Education (GCSE) <u>OCR GCSE Physical Education</u>	• Cardiovascular system • Respiratory system	• Effects of exercise on the body systems • Engagement patterns in physical activity & sport	• Commercialisation of physical activity & sport • Ethical & socio-cultural issues in sport	• Health, Fitness & Well-Being • Mental preparation • Diet And Nutrition • NEA Internal Practical Assessment	• NEA External Practical Assessment • Revision And Exams
Religious Education <u>AQA GCSE Religious Education</u>	• Paper 1: Islamic/ Jewish Practices • Paper 2: Life Issues		• Trial Exams and Exam Skills	• Revision	Revision And Exams
Science (Double) <u>AQA GCSE Combined Science</u>	• Hormonal Coordination • Reproduction • Crude Oil And Fuels • Motion	• Variation And Evolution • Genetics And Evolution • Chemical Analysis • Force And Motion • Wave Properties	• Adaptations And Interdependence • Ecosystem • Earth's Atmosphere • Electromagnetic Waves	• Biodiversity • The Earth's Resources • Electromagnetism	Revision And Exams
Science (Triple) <u>AQA GCSE Biology</u> <u>AQA GCSE Chemistry</u> <u>AQA GCSE Physics</u>	• Hormonal Coordination • Homeostasis • Reproduction • Crude Oil And Fuels • Organic Reactions • Motion	• Variation And Evolution • Genetics And Evolution • Polymers • Chemical Analysis • Force And Motion • Pressure	• Adaptations And Interdependence • Ecosystem • Earth's Atmosphere • Properties Of Waves • Electromagnetic Waves	• Biodiversity • The Earth's Resources • Using Our Resources • Electromagnetism • Space	Revision And Exams
Spanish <u>AQA GCSE Spanish</u>	Travel and tourism, including places of interest	Media and technology	The environment and where people live	Revision Of All Units	Revision And Exams

Technology <u>AQA GCSE Design And Technology</u>	Non-Exam Assessment Theory And Core Technical Principals Substantial Design and Make Iterative Task Identifying And Investigating Design Possibilities Producing A Design Brief and Specification Generating Design Ideas Developing Design Ideas Realising Design Ideas Analysing & Evaluating			Revision Of All Units	Revision And Exams