

ISLE OF WIGHT EDUCATION FEDERATION Year 11 Revision Booklet 2024



Contents

English Language	3
English Literature	4-5
Mathematics (Foundation)	6
Mathematics (Higher)	7
Science (Biology)	8-11
Science (Chemistry)	12-15
Science (Physics)	16-19
Art and Design	20
Business Studies	21
Child Development	22-23
Computer Science	24
Design and Technology	25-28
<u>Drama</u>	29
Fashion and Textiles (BTEC)	30
Food and Nutrition	31-33
<u>French</u>	34-35
Geography	36
Graphics (Medina College only)	37
Health and Social Care (BTEC)	38-43
<u>History</u>	44 - 45
Mandarin (Carisbrooke College only)	46
Music	47
Photography (Medina College only)	48
Religious Education (Carisbrooke College only)	49-50
Spanish (Medina College only)	51-52
Sports (BTEC)	53

To view the Carisbrooke College Exam Timetable for 2024 please click here.

To view the Medina College Exam Timetable for 2024 please click here.

Please note: To access all the links in this booklet we suggest that students are logged into their school Google account. It is also important to note that links to sites such as GCSEPod can only be accessed if students are logged in to their account for that website.

English Language

Head of Faculty: Miss K Roberts katherine.roberts@iwef.org.uk

Paper 1: Explorations in Creative Reading and Writing -1 hour 45 minutes

Paper 2: Writers Viewpoint and Perspectives - 1 hour 45 minutes



Paper	Revision Priorities	Suggested Activities	Information Links
Paper 1	Reading skills	GCSE Pod Tips for exam success (8 pods guiding you through the 4 reading questions on this paper.)	GCSEPod: Tips for Exam Success
		New GCSE English Language Complete Revision and Practice CGP revision guide: Pages 3-4 &Pages 56-68	
Paper 1	Writing skills	Creative writing (6 pods taking you through the basics of both narrative and description before introducing some more advanced techniques. There are two check and challenge quizzes to test that you know the relevant content.)	GCSEPod: Creative Writing
		New GCSE English Language Complete Revision and Practice CGP revision guide: Page 5, Pages 78-83 &Page 106	
Paper 2	Reading skills	Tips for exam success (8 pods guiding you through the 4 reading questions on this paper.)	GCSEPod: Tips for Exam Success
		New GCSE English Language Complete Revision and Practice CGP revision guide: Pages 6-7, Pages 44-55 &Pages 108-118	
Paper 2	Writing skills	Transactional writing (3 pods guiding you through the different skills necessary to write formal letters, speeches and articles. There are also 12 check and challenge quizzes to test that you know the relevant content.)	GCSEPod: Transactional Writing
		New GCSE English Language Complete Revision and Practice CGP revision guide: Page 8, Pages 84-89 &Page 120	
Paper 1 & 2	Writing skills	Basic writing skills (These 4 pods cover the basics of writing, including sentence structures, audience and purpose and proofreading skills. There are also 7 check and challenges to test that you know the relevant content.)	GCSEPod: Basic Writing Skills
		Spelling, punctuation and Grammar (These 11 pods focus on the basics of spelling, punctuation and grammar. There are 50+ check and challenges to test that you know the relevant content.)	GCSEPod: Spelling, punctuation and Grammar

You should also be meeting your daily goal for English on Tassomai to recap these skills.

Other useful links: AQA papers and markscheme Additional Practise Papers Mr Bruff's Youtube channel

English Literature

Head of Faculty: Miss K Roberts katherine.roberts@iwef.org.uk

Paper 1: Shakespeare (Macbeth) and the 19thC novel (A Christmas Carol) - 1 hour 50 minutes

Paper 2: Modern Drama (An Inspector Calls), Power and Conflict poetry and unseen poetry - 2 hours 15 minutes



Paper	Revision Priorities	Suggested Activities	Information Links
Paper 1	Shakespeare	Macbeth (20 pods covering plot, character, themes and key quotations as well as 9 check and challenges to test your knowledge and understanding.	GCSEPod: Macbeth Exam Questions Key Quotations Knowledge Quiz (KQ) Act 1
		CGP revision guide: Macbeth:the text guide Section 2: Discussion of Acts Section 3: Characters Section 4: Context and themes Section 5: Shakespeare's techniques Section 6: Exam advice Don't forget each book contains QR codes to	KQ Act 2 KQ Act 3 KQ Act 4 KQ Act 5
Paper 1	19th Century novel	revision quizzes. A Christmas Carol (25 pods covering plot, character, themes and key quotations as well as 5 check and challenges to test your knowledge and understanding.) CGP revision guide: A Christmas Carol: the text guide Section 1: Background and context Section 2: Discussion of chapters Section 3: Characters Section 4: Themes Section 5: Writer's techniques	GCSEPod: A Christmas Carol Exam Questions Key Quotations Knowledge Quiz (KQ) Stave 1 KQ Stave 2 KQ Stave 3 KQ Stave 4 KQ Stave 5 Copy of Novel
Paper 2	Modern Drama text	An Inspector Calls (23 pods covering plot, character, themes and key quotations as well as 5 check and challenges to test your knowledge and understanding. CGP revision guide: An Inspector Calls: the text guide Section 1: Discussion of Acts Section 2: Characters Section 3: Context and themes Section 4: The writer's technique Section 5: Exam advice	GCSEPod: An Inspector Calls Exam Qurstions Key Quotations Knowledge Quiz (KQ) Act 1 KQ Act 2 KQ Act 3 Copy of Play

English Literature Continued



Paper	Revision Priorities	Suggested Activities	Information Links
Paper 2	Power and Conflict poetry	Pods covering all 15 poems with a range of check and challenge activities. CGP revision guide: Power and Conflict poetry Section 1: The poems Section 2: Themes and context Section 3: Poetic techniques Section 4: Exam advice Section 5: How to get a top grade Section 6: Improving and marking sample answers	Ozymandias, London, Extract from the Prelude, My Last Duchess, The Charge of the Light Brigade, Exposure, Storm on the Island, Bayonet Charge, Remains, Poppies, War Photographer, Tissue, The Emigree, Checking Out Me History, Kamikaze Exam Questions Key Quotations
Paper 2	Unseen Poetry	Unseen poetry preparation on GCSEPod CGP revision guide: Unseen poetry	GCSEPod: Unseen Poetry preparation
		Section 1: Exam advice	12 2 12 20 200 200
		Section 2: Unseen poetry practice	
		Section 3: Marking sample answers	
		Section 4: Practice exam questions	

Reread the texts. Watch accurate film versions of the text. Complete practice questions provided by your teacher

Read around the subject; you will have been set additional thematic reading as part of your weekly homework.

You should also be meeting your daily goal for English on Tassomai to recap these skills.

Other useful links: AQA papers and markscheme Mr Bruff's Youtube channel

Mathematics (Foundation)

Head of Faculty: Mrs K Howells kamelia.howells@iwef.org.uk

Paper 1: Non calculator - 1 hour 30 minutes Paper 2: Calculator - 1 hour 30 minutes Paper 3: Calculator - 1 hour 30 minutes



Paper	Revision Priorities	Suggested Activities	Information Links
Paper 1,2 & 3	Individual topics	Use the list of topics that were given to you following the most recent mock analysis - these are the areas you should focus on.	<u>Sparx</u>
		The topics link to the Sparx webpage - use Sparx to practice and test your knowledge.	
Paper 1 & 2	Foundation Maths topics	Watch the videos on the sites linked, complete the related worksheet/quiz and then check your answers on the website.	Corbettmaths Maths Genie
		The list of topics have video numbers so you can easily find what you need to cover.	<u>Tassomai</u>
		Don't forget to use the Corbettmaths revision cards	GCSE Maths tutor
			<u>List of topics -</u> <u>Foundation</u>
Paper 1,2 & 3	Exam Structure	Use the link to the specification booklet to gain a better understanding of what you will be marked on.	Edexcel GCSE and GCE 2014
		Practising exam style questions	Onmaths: Self assessed exam papers

Mathematics (Higher)

Head of Faculty: Mrs K Howells kamelia.howells@iwef.org.uk

Paper 1: Non calculator - 1 hour 30 minutes Paper 2: Calculator - 1 hour 30 minutes Paper 3: Calculator - 1 hour 30 minutes



Paper	Revision Priorities	Suggested Activities	Information Links
Paper 1,2 & 3	Individual topics	Use the list of topics that were given to you following the most recent mock analysis - these are the areas you should focus on. The topics link to the Sparx webpage - use Sparx to practice and test your knowledge.	Sparx
Paper 1, 2 & 3	Higher Maths topics	Watch the videos on the sites linked, complete the related worksheet/quiz and then check your answers on the website. The list of topics have video numbers so you can easily find what you need to cover. Don't forget to use the Corbettmaths revision cards	Corbettmaths Maths Genie Tassomai GCSE Maths tutor List of topics -
Paper 1, 2 & 3	Exam Structure	Use the link to the specification booklet to gain a better understanding of what you will be marked on. Practising exam style questions	Edexcel GCSE and GCE 2014 Onmaths: Self assessed exam papers

Science (Biology)

Head of Faculty: Dr P Clarkson paul.clarkson@iwef.org.uk

Paper 1: 1 hour 45 minutes Paper 2: 1 hours 45 minutes



Suggested Activities: Watch the videos or use your revision guide (revision site) to cover the topic. Go to <u>GCSEPod</u> and take the quiz

Paper	Revision Priorities	Information Links
Paper 1	Cell Biology - What's in Cells	Youtube: Prokaryotic & Eukaryotic Cells Youtube: Structure and Function of Animal Cells Youtube: Structure and Function of Plant Cells Youtube: Cell Specialisation in Animals and Plants Youtube: Microscopy Required Practical Youtube: Microscopy Numeracy Extension Youtube: Light and Electron Microscopes Youtube: Culturing Microorganisms / Bacteria (Triple)
Paper 1	Cell Biology - Cell Division	Youtube: Genes, Chromosomes & Mitosis Youtube: Stem Cells
Paper 1	Cell Biology - Transport in Cells	Youtube: Diffusion Youtube: Exchange Surfaces & Surface Youtube: Area Youtube: Osmosis Youtube: Osmosis Required Practical Youtube: Active Transport
Paper 1	Organisation - Principles of Organisation	Youtube: Cells, Tissues & Organs & Organ Systems & Digestion
Paper 1	Organisation - Enzymes	Youtube: Structure, Function of Enzymes and Rates of Reaction Youtube: Effect of Temperature and pH on Enzyme Activity Youtube: Enzyme & Amylase Required Practical Youtube: Digestion and Absorption Youtube: Food Tests Required Practica
Paper 1	Organisation - Circulatory System	Youtube: Structure and Function of Blood Vessels Youtube: The Heart and the Circulatory System Youtube: Circulatory system & Gas exchange Youtube: Components of the Blood
Paper 1	Organisation- Non- Communicable Diseases	Youtube: Non Communicable Diseases and Risk Factors Youtube: Risk Factors and Correlation (L7+) Youtube: Coronary Heart Disease and its Treatment Youtube: Cancer
Paper 1	Organisation - Plant Tissues, Organs & Systems	Youtube: Plant Cell & Tissue Organisation Youtube: Transpiration and the Role of the Stomata Youtube: Translocation (& transpiration revision) Youtube: The Potometer - Measuring Transpiration

Science (Biology) Continued



Paper	Revision Priorities	Information Links
Paper 1	Infection & Response - Communicable Diseases	Youtube: Communicable & Non-Communicable Disease Youtube: Pathogens (Virus, Fungal & Protist Diseases) Youtube: Bacterial Diseases
Paper 1	Infection & Response - Communicable Diseases	Youtube: Protist Disease - Malaria Youtube: Specific & Non-Specific Immune System Youtube: Vaccinations Youtube: Drugs and Antibiotics Youtube: Drug Development & Testing
Paper 1	Infection & Response - Monoclonal Antibodies (Triple Only)	Youtube: Prod. & Using Monoclonal Antibodies (Triple)
	Infection & Response - Plant Diseases (Triple Only)	Youtube: Plants Diseases & Defence Youtube: Mineral Deficiency
Paper 1	Bioenergetics - Photosynthesis	Youtube: Photosynthesis & Limiting Factors Youtube: The Rate of Photosynthesis Youtube: Photosynthesis Required Practical Youtube: Uses of Glucose
Paper 1	Bioenergetics - Respiration	Youtube: Aerobic & Anaerobic Respiration Youtube: Exercise & Metabolism
Paper 2	Homeostasis & Response - Homeostasis	Youtube: Homeostasis
Paper 2	Homeostasis & Response - The Human Nervous System	Youtube: The Nervous System & Reflexes Youtube: Synapses Youtube: Investigating Reaction Time Required Practical Youtube: The Brain (Triple) Youtube: Eye Anatomy (Triple) Youtube: Correcting Vision (Triple) Youtube: Control of Body Temperature (Triple)
Paper 2	Homeostasis & Response - Hormonal Coordination in Humans	Youtube: Endocrine System Youtube: Control of Blood Glucose & Diabetes Youtube: Control of Water Balance Youtube: The Kidney and Dialysis Youtube: Puberty & The Menstrual Cycle Youtube: Contraception Youtube: Hormones for Infertility & IVF (HT Only)

Science (Biology) Continued



Paper	Revision Priorities	Information Links
Paper 2	Homeostasis & Response - Plant Hormones (Triple Only)	Youtube: Plant Hormones & Tropisms (Triple) Youtube: Plant Hormone Required Practical (Triple) Uses of Plant Hormones (Triple) As 5.4.1
Paper 2	Inheritance, Variation & Evolution - Reproduction	Youtube: Reproduction (sexual & asexual) Youtube: Advantages and Disadvantages of Sexual and Asexual Reproduction (Triple) Youtube: Meiosis Youtube: DNA and Coding (Triple) Youtube: Protein Synthesis (Triple) Youtube: Mendel & Genetics Youtube: Genetic Inheritance & Punnett Square Youtube: Inherited Disorders (Cystic fibrosis) Youtube: Inherited Disorders (Polydactyly) Youtube: Genome Screening & Sex Determination
Paper 2	Inheritance, Variation & Evolution - Variation & Evolution	Youtube: Variation Youtube: Selective Breeding Youtube: Genetic Engineering Youtube: Cloning in Animals Youtube: Cloning in Plants (Triple)
Paper 2	Inheritance, Variation & Evolution - Genetics & Evolution	Youtube: Natural Selection Youtube: Speciation & Extinction Youtube: Darwin and Evolution (Triple) Youtube: Evidence for Evolution
Paper 2	Inheritance, Variation & Evolution - Classification	Youtube: Classification of Living Organisms
Paper 2	Ecology - Adaptations & Interdependence	Youtube: Communities & Competition Youtube: Adaptations & Interdependence
Paper 2	Ecology - Organisation of Ecosystems	Youtube: Biotic & Abiotic Factors Youtube: Environmental Change (Triple) Youtube: Quadrat & Transect Required Practical Youtube: The Carbon Cycle Youtube: The Water Cycle Youtube: Decay (Triple) Youtube: Decay RP Practical (Triple)

Science (Biology) Continued



Paper	Revision Priorities	Information Links
Paper 2	Ecology - Biodiversity	Youtube: Biodiversity Youtube: Land Use Youtube: Waste Management Youtube: Biotechnology (Triple) Youtube: Greenhouse Gases Youtube: Global Warming
Paper 2	Ecoloy - Trophic Levels	Youtube: Trophic Levels (Triple) Youtube: Pyramids of Biomass (Triple)
Paper 2	Ecology - Food Production	Youtube: Food Production (Food Security) Triple Youtube: Farming (Triple) Youtube: Sustainable Fisheries (Triple)

Revision Sites:

GCSE Pod: https://www.gcsepod.com/ S-Cool : https://www.s-cool.co.uk/

BBC Bitesize: https://www.bbc.co.uk/bitesize/examspecs/zpgcbk7

Revision Science: https://revisionscience.com/

Youtube Resources:

Amoeba Sisters have some excellent videos - these resources are put together by an American University and are aimed at your age range. Watch the spelling! They really go to town on content but are easy to understand.

GCSE Revision Classroom:

It has all of the teaching materials, knowledge organisers.

Be prepared - these papers require a calculator. We advise you bring a scientific calculator with you to these exams.

Science (Chemistry)

Head of Faculty: Dr P Clarkson paul.clarkson@iwef.org.uk

Paper 1: 1 hour 45 minutes Paper 2: 1 hour 45 minutes



Suggested Activities: Watch the videos or use your revision guide (revision site) to cover the topic. Go to GCSEPod and take the quiz

Paper	Revision Priorities	Information Links
Paper 1	Atomic Structure	Youtube: Atoms, Elements and Compunds
	and The Periodic	Youtube: Interpreting a Chemical Formula
	Table	Youtube: The Discovery of the Model of an Atom
		Youtube: The Nuclear Model
		Youtube: Atomic Mass and Atomic Number
		Youtube: Relative Atomic Mass
		Youtube: Electronic Configuration
		Youtube: The Periodic Table and its Development
		Youtube: Metals and Non-Metals
		Youtube: Group 0 Elements
		Youtube: Group 1 Elements: Reactions with Oxygen & Chlorine
		Youtube: Group 1 Elements Reactions with Water
		Youtube: Group 7 Elements Properties and Reactivity
		Youtube: Group 7 Elements Reacting with Non-Metals and Metals
		Youtube: Group 7 Elements Reactivity within the Group
		Youtube: Transition Metals
Paper 1	Bonding, Structure	Youtube: Three States of Matter
	& The Properties of	Youtube: Ionic Bonding and Dot and Cross Diagrams from Group 1
	Matter	and Group 7 Elements
		Youtube: Ionic Bonding in Group 2 and Group 6 Elements
		Youtube: Properties of Ionic Compunds
		Youtube: Covalent Bonding: Electron Sharing and Dot and Cross
		<u>Diagrams</u>
		Youtube: Covalent Bonding: Small Covalent Molecules - Water
		Youtube: Covalent Bonding: Oxygen and Hydrogen
		Youtube: Limitations of Bonding Diagrams
		Youtube: Metallic Bonding and Alloys
		Youtube: Properties of Small Covalent Molecules
		Youtube: Structure and Bonding in Polymers
		Youtube: Giant Covalent Structure: Diamonds
		Youtube: Giant Covalent Structure: Graphite
		Youtube: Graphene and Fullerenes
		Youtube: Nanoparticles (Chemistry Only)

Science (Chemistry) Continued



Paper	Revision Priorities	Information Links
Paper 1	Quantitative	Youtube: The Conservation of Mass in Chemical Reactions
	Chemistry	Youtube: Balancing Equations
		Youtube: Relative Formula Mass
		Youtube: The Moles and Calculating Moles of an Element
		Youtube: Calculating Moles of a Compound
Paper 1	Quantitative	Youtube: Calculating the Mass of a Number of Moles
	Chemistry	Youtube: Using Moles to Balance Equations
		Youtube: Avogadro's Constant to Calculate the Number of Molecules
		and Atoms
		Youtube: Avogadro's Constant: Calculating the Number of Atoms in a
		Mass of a Molecule
		Youtube: Reacting Masses: Mass of Products
		Youtube: Reacting Masses: Mass of Products 2
		Youtube: Limiting Reactants
		Youtube: Concentration of Solutions
		Youtube: Calculating Percentage Yield 1 (Triple Only)
		Youtube: Calculating Percentage Yield 2: Why can % Yield be less
		than 100% (Triple Only)
		Youtube: Atom Economy
		Youtube: Using Concentrations of Solutions 1: Calculate the
		Concentration of a Solution in Moles per decimetre cubed (Triple Only)
		Youtube: Using Concentrations of Solutions 2:Calculate the
		concentration of Solution from the Volume and Concentration of
		another Solution in a Chemical Reaction.(Triple Only)
		Youtube: Volumes of Gases in Chemical Reactions (Triple Only)
Paper 1	Chemical	Youtube: Reaction of Metals with Oxygen
	Changes	Youtube: The Reactivity Series
		Youtube: The Extraction of Metals
		Youtube: Oxidation and Reduction in Terms of Electrons (HT Only)
		Youtube: Acids and Alkalis
		Youtube: Acids Reacting with Metals
		Youtube: Acids Reacting with Metals 2
		Youtube: Three Reactions of Acids
		Youtube: Making Soluble Salts Requirted Practical 1
		Youtube: Strong and Weak Acids
		Youtube: Carrying Out a Titration Required Practical 2

Science (Chemistry) Continued



Paper	Revision Priorities	Information Links
Paper 1	Chemical	Youtube:Titration Calculations 1
apoi i	Changes	Youtube: Titration Calculations 2 (Triple Only)
		Youtube: Introducing Electrolysis
		Youtube: Electrolysis of Aluminium Oxide
		Youtube: Electrolysis of Aqueous Solutions 1
		Youtube: Electrolysis of Aqueous Solutions 2
		Youtube: Electrolysis Required Practical
Paper 1	Energy Changes	Youtube: Exothermic and Endothermic Reactions
		Youtube: Bond Energy Calculations
		Youtube: Bond Energy Calculations 2
		Youtube: Temperature Changes - Required Practical 4
		Youtube: Cells and Batteries (Triple Only)
		Youtube: Fuel Cells (Triple Only)
Paper 1	The Rate	Youtube: Mean Rate of Reaction
'	and Extent	Youtube: Using Tangents to Determine Rate
	of Chemical	Youtube: The Effect of Concentration on Rate
	Change	Youtube: Rates of Reaction Required Practical 5
		Youtube: Effect of Surface Area on Rate
		Youtube: Effect of Temperature on Rate
		Youtube: Catalysts
		Youtube: Reversible Reactions
		Youtube: Concentration and Reversible Reactions (HT)
		Youtube: Temperature and Reversible Reactions (HT)
		Youtube: Pressure and Reversible Reactions (HT)
Paper 1	Paper 1 Organic Youtube: Crude Oil and Hydrocarbons	
	Chemistry	Youtube: Properties of Hydrocarbons
		Youtube: Combustion of Hydrocarbons
		Youtube: Fractional Distillation
		Youtube: Cracking
		Youtube: Alkenes (Triple)
		Youtube: Reactions of Alkenes 1 (Triple)
		Youtube: Reactions of Alkenes 2 (Triple)
		Youtube: Alcohols (Triple)
		Youtube: Reactions of Alcohols (Triple)
		Youtube: Carboxylic Acids (Triple)
		Youtube: Addition Polymers (Triple)
		Youtube: Condensation Polymers (Triple) (HT)
		Youtube: Amino Acids (Triple) (HT)
		Youtube: DNA (Triple)

Science (Chemistry) Continued



Paper	Revision Priorities	Information Links
Paper 1	Chemical Analysis	Youtube: Purity and Formulations Youtube: Chromatography Youtube: Chromatography Required Practical 6 Youtube: Testing for Gases
		Youtube: Flame Tests (Triple) Youtube: Metal Hydroxide Precipitates (Triple)
Paper 1	Chemical Analysis	Youtube: Identifying Non-Metal Ions(Triple) Youtube: Identifying Ions Required Practical 7 (Triple)
Paper 1	Chemistry of the Atmosphere	Youtube: The Atmosphere Youtube: Fossil Fuels Youtube: The Greenhouse Effect Youtube: Climate Change Youtube: Caron Footprint Youtube: Polluntants from Fuels
Paper 1	Using Resources	Youtube: Using the Earth's Resources Youtube: Water Required Practical 8 Youtube: Potable Water Youtube: Waste Water Treatment Youtube: Alternative Methods of Extracting Metals (HT) Youtube: Life Cycle Assessment Youtube: Recycling Youtube: Corrosion (Triple) Youtube: Alloys (Triple) Youtube: Ceramics and Composities (Triple) Youtube: Thermosoftening and Thermosetting Polymers (Triple) Youtube: The Haber Process (Triple) Youtube: NPK Fertilisers (Triple)

Be prepared - these papers require a calculator. We advise you bring a scientific calculator with you to these exams.

Science (Physics)

Head of Faculty: Dr P Clarkson paul.clarkson@iwef.org.uk

Paper 1: 1 hour 45 minutes Paper 2: 1 hour 45 minutes



Suggested Activities: Watch the videos or use your revision guide (revision site) to cover the topic. Go to <u>GCSEPod</u> and take the quiz

Paper	Revision Priorities	Information Links
Paper 1	Energy	Youtube: Energy Stores and Systems: Energy transfers in a Pendulum
<u> </u>		Youtube: Energy Stores and Systems: Energy transfers in a Bunjee Jump
		Youtube: Work done by forces
		Youtube: Heating and the transfer of energy (specfic heat capacity)
		Youtube: Changes in Energy - Kinetic Energy
		Youtube: Changes in Energy - Gravitational Potential Energy
		Youtube: Changes in Energy - Elastic Potential Energy
		Youtube: Specific Heat Capacity Required Practical 1
		Youtube: Calculating Power
		Youtube: Heat Transfer
		Youtube: Thermal Insulators Required Practical 2. (Triple Only)
		Youtube: Efficiency
		Youtube: National & Global Energy Resources - Fossil Fuels
		Youtube: National & Global Energy Resources - Nuclear
		Youtube: National & Global Energy Resources - Renewables
		Youtube: National & Global Energy Resources - UK Mix
Paper 1	Elecricity	Circuit Symbols
		Youtube: Electrical Charge and Current- Series Circuits
		Youtube: Electrical Charge and Current - Parallel Circuits
		Youtube: Electrical Charge and Current
		Youtube: Current, Resistance and Potential Difference: Resistance
		Youtube: Current, Resistance and Potential Difference: p.d in Series Circuits
		Youtube: Current, Resistance and Potential Difference: p.d in Parellel Circuits
		Youtube: Current, Resistance and Potential Difference: p.d in Batteries
		<u>Circuits</u>
		Youtube: Resistance in a Circuit Required Practical 3
		Youtube: Resistors
		Youtube: Resistors in Series
		Youtube: Thermistors
		Youtube: Diodes and LED
		Youtube: LDRs
		Youtube: I/V Characteristics Required Practical 4
		Youtube: Domestic Electricity: AC and DC Supply
		Youtube: Mains Electricity
		Youtube: Power of Components
		Youtube: Energy Transfers in everyday Appliances

Science (Physics) Continued



Paper	Revision Priorities	Information Links	
Paper 1	Elecricity	Youtube: Calculating Energy Transfers in Appliances	
		Youtube: The National Grid	
		Youtube: Static Electricty (Triple Only)	
		Youtube: Electric Fields (Triple Only)	
Paper 1	Particle Model of	Youtube: Density	
	Matter	Youtube: Density Required Practical 5	
		Youtube: Internal Energy	
		Youtube: Heating and Cooling Graphs in Changing States	
		Youtube: Specific Latent Heat	
		Youtube: Particle Motion in Gases	
		Youtube: Pressure in Gases (Triple Only)	
		Youtube: Work Done on Gases (Triple Only)	
Paper 1	Atomic Structure	Youtube: Atomic Structure	
		Youtube: Atomic Mass and Number	
		Youtube: Alpha Scattering and the Nuclear Model	
		Youtube: Radioactivity	
		Youtube: Properties of Aplha, Beta and Gamma Radiation	
		Youtube: Nuclear Equations	
		Youtube: Half Life	
		Youtube: Radioactive Contamination	
		Youtube: Background Radiatio (Triple Only)	
		Youtube: Uses of Radiation in Medicine (Triple Only)	
		Youtube: Nuclear Fission and Fusion (Triple Only)	
	Forces	Youtube: Scalar and Vector Quantities	
		Youtube: Contact and Non-Contact Forces	
		Youtube: Gravity and Weight	
		Youtube: Resultatnt Forces	
		Youtube: Vector Diagrams	
		Youtube: Resolving Forces	
		Youtube: Work Done and Energy Transfer	
		Youtube: Forces and Elasticity	
		Youtube: Hooke's Law Required Practical 6	
		Youtube: Moments (Triple Only)	
		Youtube: Levers and Gears (Triple Only)	
		Youtube: Pressure in Liquids (Triple Only)	
		Youtube: Floating and Sinking	
		Youtube: Forces and Motion: Speed	
		Youtube: Forces and Motion: Velocity	
		Youtube: Distance -Time Relationship	

Science (Physics) Continued



Paper	Revision Priorities	Information Links	
	Forces	Youtube: Acceleration Youtube: Acceleration 2 Youtube: Acceleration Required Practical 7 Youtube: Newtons First Law of Motion Youtube: Newtons Second Law of Motion	
Paper 1	Forces	Youtube: Newtons Third Law of Motion Youtube: Stopping Distance Youtube: Braking Youtube: Momentum (HT) Youtube: Conservation of Momentum Youtube: Changes in Momentum (Triple Only)	
Paper 1	Waves	Youtube: Transverse & Longitudinal Waves Youtube: The Properties of Waves Youtube: The Wave Equation Youtube: Waves Required Practical 8 - Ripple Tank Youtube: Waves Required Practical 8 - Solid Youtube: Reflection of Waves (Triple Only) Youtube: Refraction of Waves (Triple Only) Youtube: Reflection and Refraction Required Practical 9 (Triple Only) Youtube: Sound Waves (Triple Only) Youtube: Ultrasound (Triple Only) Youtube: Seismic Waves (Triple Only) Youtube: Electromagnetic Waves Youtube: Properties of Electromagnetic Waves Youtube: Infrared Required Practical 10 Youtube: Uses of Electomagnetic Waves Youtube: Lenses - Convex Lenses (Triple Only) Youtube: Lenses - Magnifying Glasses (Triple Only) Youtube: Visible Light (Triple Only) Youtube: Visible Light (Triple Only)	
Paper 1	Magnetism & Electromagnetism	Youtube: Permanent and Induced Magnets Youtube: Magnetic Fields Youtube: Electromagnets Youtube: Electromagnetic Devices Youtube: The Motor Effect Youtube: The Electric Motor Youtube: The Loudspeaker and Headphones (Triple Only) Youtube: The Generator Effect (Triple Only)	

Science (Physics) Continued



Paper	Revision Priorities	Information Links
Paper 1	Magnetism & Electromagnetism	Youtube: The Alternator and Dynamo (Triple Only) Youtube: The Microphone (Triple Only) Youtube: Transformers (Triple Only) Youtube: Transformer Calculations (Triple Only)
Paper 1	Space Science (TRIPLE ONLY)	Youtube: The Solar System Youtube: The Lifestyle of Stars Youtube: Orbital Motion Youtube: Red Shift

Be prepared - these papers require a calculator. We advise you bring a scientific calculator with you to these exams.

Art & Design

Head of Faculty: Mr R Wiseman richard.wiseman@iwef.org.uk

Exam: Approximately 10 weeks preparatory followed by a 10 hour exam (completed across two consecutive days)



Revision Priorities	Suggested Activities	
Introduction and Mind Map	Setting out your intentions relating to your chosen theme. (A03)	
Artist Research x 2 Complete studies and written analysis of your work		
Recording Observation	Complete drawings, paintings, photographs of imagery relating to your theme. Use previous artist sheets to influence your work (A03/4)	
Developing Ideas Use your artist research and observational studies to beg develop initial ideas for your final piece. (A01/2/3)		
Experimentation Refine your chosen idea further trhough experimentation media in preparation for producing your final piece.		
Students should ensure that time is used effectively to complete all tasks, as outlined in lesson. Please utilise after school and lunch time catch up sessions to fill gaps within coursework portfolios.		

20

Business Studies

Head of Faculty: Mr N Binfield

nick.binfield@iwef.org.uk

Paper 1: Investigating small businesses - 90 Minutes

Paper 2: Building a business- 90 minutes



Paper	Revision Priorities	Suggested Activities	Information Links	
Paper 1	Topic 1 - Enterprise and	Watch the BBC Bitesize videos.	BBCBitesize:	
	entrepreneurship	_	<u>Business</u>	
	Topic 2 - Spotting a business opportunity	Use Seneca to brush up on your knowledge and test yourself.	<u>Seneca</u>	
	Topic 3 - Putting a business idea into practice	Watch the lessons on exam structure	Lesson: Exam Structure	
	Topic 4 - Making the business effective		Lesson: Exam Structure (9 & 12 mark)	
	Topic 5 - Understanding external influences on business			
Paper 2	Topic 1 - Growing the business	Watch the BBC Bitesize videos.	BBCBitesize: Business	
	Topic 2 - Making marketing decisions	Use Seneca to brush up on your knowledge and test yourself.	<u>Seneca</u>	
	Topic 3 - Making operational decisions	Watch the lessons on exam structure	Lesson: Exam Structure	
	Topic 4 - Making financial decisions		Lesson: Exam Structure (9 & 12 mark)	
	Topic 5 - Making human resource decisions		<u>12 mark)</u>	
Paper 1	Calculations	Practice the calculations that have		
& 2		been taught throughout the course		
Dlagge m	Ucase make use of the revision classes that take place during lunch break and after school			

Please make use of the revision classes that take place during lunch break and after school. Be prepared - both papers require a calculator.

Child Development

Head of Faculty: Miss N Bracegirdle natalie.bracegirdle@iwef.org.uk

Paper 1: Written paper - 1 hour 45 minutes



Revision Priorities	Suggested Activities	Information Links
Content Area 1 - PILES/ Holistic Development. Understand different aspects of holistic development and the expected sequence and key milestones of	Understanding milestones; Physical Intellectual Language and Communications Emotional and Social Jean Piaget Lev Vygotsky	Milestones
children's development. Content Area 2 - Factors that influence development Understand that nature versus nurture alongside transitions may affect the child's development.	Revise and retrieve Nature/Nurture Personal Factors Environmental Factors Biological Factors Transitions Support strategies	Nature vs Nurture
Content Area 3 - Care and Play routines Understand the child's care needs and the importance of play and activities to support the child's independence, health, safety and wellbeing.	Care routines Play activities Supporting development through play The role of the adult	Mildred Parten Social Stages of Play
Content Area 4 - EYFS Understand the purpose, role and function of different types of early years provision.	Provision Statutory Private Voluntary Prime Areas Specific Areas What is an early learning goal?	EYFS Doc

Child Development Continued



Content Area 5 - Legislation Policy and Procedures Understand that early years settings are regulated and standardised.	Frameworks Policy and procedure	Early Years Legislation
Content Area 6 - Practitioner Expectations Understand expectations with regards to appearance, behaviour, timekeeping and attitude when working in early years settings.	Appearance Behaviour Attendance and punctuality	
Content Area 7 - Roles and Responsibilities Understand the roles and responsibilities of those working with children in early years settings and the purpose of partnership working within early years provision.	Early years practitioner roles Partnership working in the early years Specialist roles within early years settings Specialist roles outside the early years settings	
Content Area 8 - Observations Understand how observations are used in early years settings, the different methods used and the components of recording observations.	Observation and recording methods Formative assessment Summative Assessment Narrative observations Learning Journal Checklists Sharing observations	
Content Area 9 - Early Years Planning Understand the child-centred approach to planning and the importance of planning to meet the child's needs.	The purpose of a child-centred approach The purpose of the planning cycle The planning cycle	Prime and Specific Areas

Computer Science

Head of Faculty: Mrs K Howells kamelia.howells@iwef.org.uk

Paper 1: Written, non calculator - 1 hour 30 minutes Paper 2: Written, non calculator - 1 hour 30 minutes



Paper	Revision Priorities	Suggested Activities	Information Links
Paper 1	Use Seneca, eRevision and Programming on Replit to test your knowledge.		eRevision.uk Seneca
		Watch the CarignDave videos and take notes of key information.	Learning
		Focus on the following topics:	Programming on Replit
		The cpu and its components/registers How the CPU interacts with RAM Memory and Storage (Primary - Secondary - Virtual)	<u>CraignDave</u> <u>videos</u>
		Denary - Binary - Hexadecimal conversions, and adding two binary numbers Network protocols and DNS	
Paper 2	Computational Thinking,	Use Seneca, eRevision and Programming on Replit to test your knowledge.	eRevision.uk
	Algorithms and Programming	Watch the CarignDave videos and take notes of key information.	Seneca Learning
		Focus on the following topics:	Programming on Replit
		Programming - work through '40-programming-challenges' in Replit. Sequence - Selection - Iteration (understand these three constructs) Decomposition - Abstraction Boolean Logic (gates and symbols) High and Low-level languages Data representation - sounds, images	<u>CraignDave</u> <u>videos</u>
Paper 1 & 2	Exam structure	The exam specification booklet explains the structure of the exam and what you will have been taught.	Exam Specification Booklet

Design Technology

Head of Faculty: Miss N Bracegirdle natalie.bracegirdle@iwef.org.uk

Exam: Made up of 3 sections, equalling 50% of the final grade, the other 50% is secured through NEA work.



Revision Priorities	Suggested Activities	Information Links
The 6 Rs	Use the links to	GCSEPod: The 6 Rs
Be aware of the role that consumers play in reducing	revise and support	
waste and the demand on finite resources	your knowledge	
 Understand the hierarchy of options in responsible and sustainable designs 	for each section.	
	CGP revision	
	guide: Pages 6-9	
Sustainability and the environment	Use the links to	GCSEPod:
Understand that new technologies need to be developed	revise and support	Sustainability and
and produced in a sustainable way	your knowledge	the Environment
Be aware of the impact that excessive use of certain	for each section.	
materials has on the environment		BBCBitesize:
Understand how the environment can be protected by	CGP revision	Environmental,
responsible design and manufacturing	guide: Pages 6-9	social and economic
 Understand how waste can be disposed of with the least impact on the planet 	& pages 102-103	<u>challenges</u>
Understand the positive and negative impacts new		BBCBitesize:
products have on the environment		Investigating
Design strategies	Use the links to	GCSEPod: Design
Be able to use a range of design strategies to help	revise and support	Strategies
produce imaginative and creative design ideas	your knowledge	
Understand how to explore and develop design ideas	for each section.	BBCBitesize:
Informing design decisions		Investigating
Be able to evaluate the advantages and disadvantages of	CGP revision	
planned obsolescence from different perspectives	guide: Pages 104-	TechnologyStudent:
 Understand how products can be designed to be repaired and recycled 	105	Product Analysis
and rooyored		BBCBitesize: Design
		<u>strategies</u>
Communication of design ideas	Use the links to	GCSEPod:
Understand how to develop, communicate, record and	revise and support	
justify design ideas	your knowledge	Design Ideas
Be aware of a range of techniques to support clear	for each section.	
communication of design ideas		
Know how to design and develop prototypes in response	CGP revision	
to client wants and needs	guide: Pages 95-	
Be able to critically evaluate prototypes and suggest modifications	105	

Design Technology Continued



Revision Priorities	Suggested Activities	Information Links
Selection of materials and components	Use the links to	GCSEPod: Selection
Be able to select and use materials and components	revise and support	of materials and
appropriate to a specific task	your knowledge for	<u>components</u>
 Understand how functionality, availability and cost 	each section.	
affect the selection of materials and components	000	
	CGP revision	
	guide: Page 33 &	
	pages 56-64	000=0 1.14
Material management	Use the links to	GCSEPod: Material
Understand how effective design planning can	revise and support	Management
minimise waste • Be aware of how design adaptations and use of	your knowledge for each section.	BBCBitesize: Designing
tessellation can save time and materials	each Section.	BBCBitesize. Designing
Understand the value of using measurement and	CGP revision	
marking out to create an accurate prototype	guide: Pages 34-35	
Be able to recognise and characterise the	& pages 44-47	
appropriate tools		
Material properties	Use the links to	GCSEPod: Material
The meaning of each of the physical and working	revise and support	Properties
properties related to all materials	your knowledge for	
	each section.	BBCBitesize: Electronic
		and mechanical systems
	CGP revision	
	guide: Pages 14-	
	15, pages 48-49	
Timbour	& pages 58-59	000ED- 4. T. 1
Timbers	Use the links to	GCSEPod: Timbers
Know the primary sources of materials for producing natural and manufactured timbers • Be able to	revise and support	PRCPitopizo:
recognise and characterise different types of natural	your knowledge for each section.	BBCBitesize: Mechanical devices
and manufactured timbers	each Scollon.	<u>Medianical devices</u>
Understand how the physical and working properties	CGP revision	
of a range of natural and manufactured timbers	guide: Page 17 and	
products affect their performance	44	

Design Technology Continued



Revision Priorities	Suggested Activities	Information Links
Metals	Use the links to	GCSEPod:Metals
Know the primary sources of materials for producing	revise and support	DDCDitesiae Metale
metals and alloys • Be able to recognise and characterise different types	your knowledge for each section.	BBCBitesize: Metals
of metals and alloys		BBCBitesize: Metal-
Understand how the physical and working properties of	CGP revision	based materials
a range of metals and alloys affect their performance	guide: Page 18 and 45	
Polymers		
Know the primary sources of materials for producing polymers		
Be able to recognise and characterise different types		
of polymers • Understand the physical and working properties of a		
range of thermoforming and thermosetting polymer		
Textiles	Use the links to	GCSEPod:Textiles
Know the primary sources of materials for producing	revise and support	
textiles	your knowledge for	
 Be able to recognise and characterise different types of textiles 	each section.	
 Understand how the physical and working properties of 	CGP revision	
a range of textiles affect their performance	guide: Pages 20-23	
Denove and beaude	& page 33 Use the links to	CCCEDadi Danara
Papers and boards • Know the primary sources of materials for producing	revise and support	GCSEPod: Papers and Boards
papers and boards	your knowledge for	and boards
Be able to recognise and characterise different types	each section.	
of papers and boards		
Understand how the physical and working properties	CGP revision	
of a range of paper and board products affect their performance	guide: Page 16 and 44	
Tolerances	Use the links to	GCSEPod:
Understand and use tolerances to ensure accuracy is	revise and support	<u>Tolerances</u>
considered when making a product	your knowledge for	
 Understand how a range of materials are formed to designated tolerances 	each section.	
Understand why tolerances are applied during making	CGP revision	
activities	guide: Page 40	

Design Technology Continued



Revision Priorities	Suggested Activities	Information Links
Tools, equipment, techniques and finishes	Use the links to	GCSEPod: Tools,
 Understand how to select and use specialist tools, 	revise and support	equipment, techniques
equipment, techniques and processes	your knowledge for	and finishes
Be aware of relevant health and safety issues when	each section.	
using specialist tools, equipment, techniques and		BBCBitesize: New and
processes to protect yourself and others from harm	CGP revision	emerging technologies
	guide: Pages 74-	
	75, pages 56-57	Revision World: Health
	& pages 72-73	<u>& Safety</u>
Surface treatments and finishes	Pages 74-75	GCSEPod: Surface
Know and understand that surface treatments	Use the links to	treatments and finishes
and finishes are applied for functional and aesthetic	revise and support	
purposes	your knowledge for	BBCBitesize: Making
Understand how to prepare different surfaces for	each section.	
treatments and finishes		
Understand how to select and apply appropriate	CGP revision	
surface treatments and finishes to a range of surfaces	guide: Pages 56-57	
	& pages 72-73	
Revisit anything you need to remind yourself of.		

Drama

Head of Faculty: Mr R Wiseman richard.wiseman@iwef.org.uk



Paper 1: Written Paper - Understanding Drama - 1 hour 45 minutes

Paper	Revision Priorities	Suggested Activities	Information Links
Paper 1	Study of a set play: A comprehensive understanding of all aspects of the set play	Ensure you have a good understanding of the set play from the perspective of a performer and/or a designer. You should know every character and their relationships, status and the playwright's intentions, and the style of the play itself. You should have a good understanding of the design elements used within the work. Use the resources on BBC Bitesize to review and test your knowledge.	BBC Bitesize - AQA Drama
Paper 1	Theatre roles and terminology: Good understanding of the subject specific vocabulary relating to Theatre	Use your course materials to revise the subject specific terminology. You can also use BBC Bitesize to go over subject specific terms - creating flash cards and mind maps can also help remember key words/pharses - these can also be used as revision resources closer to the exam.	BBC Bitesize - AQA Drama
Paper 1	Live Theatre Production: Live theatre performance study-analysis and evaluation of the performances given by professional actors in the staged production	Complete practise questions in preparation for the written paper. In section C of the paper, you will be asked to answer questions relating to a piece of live theatre that you have watched; you must prepare to answer questions from either a performance or design perspective for this section of the paper.	BBC Bitesize - AQA Drama

Fashion & Textiles BTEC

Head of Faculty: Miss N Bracegirdle natalie.bracegirdle@iwef.org.uk



Fashion does not have a written exam, however their practical 10 hour exam is taking place on 7 and 8 May 2024. It is vital that students have completed all their preparation work for this. After school lessons take place weekly on a Wednesday at Carisbrooke College. Students will be set additional work to complete to aid the development of their sketchbooks and this should be completed fully to ensure they excel.



Food & Nutrition

Head of Faculty: Miss N Bracegirdle natalie.bracegirdle@iwef.org.uk

Paper 1: Written Exam worth 100 marks worth 50% of your overall grade - 1 hour 45 minutes



You will need to be logged into your google account to access the multi-choice tests through google forms.

Revision Priorities	Suggested Activities	Information Links
Macronutrients	Use the links to revise and test	GCSEPod: Macro- Protein
Fibre	your knowledge on the subject	GCSEPod: Macro-Fats
	area.	GCSEPod: Macro- Carbohydrates
		Google Form Retrieval- Macronutrients
	CGP revision guide: Pages 1-6 & page 10	
Micronutrients	Use the links to revise and test	GCSEPod: Fat Soluble
Water	your knowledge on the subject	GCSEPod: Water Soluble
	area.	GCSEPod: Calcium, Iron, Sodium
		Fluoride and lodine
	CGP revision guide: Pages 7-9	<u>Water</u>
		Google Form Retrieval- Micronutrients
Healthy Eating	Use the links to revise and test	GCSEPod: Healthy Eating Part 1
Guidelines	your knowledge on the subject	GCSEPod: Healthy Eating Part 2
(Making	area.	GCSEPod: Healthy Eating Part 3
informed		GCSEPod: Energy Needs
choices)	CGP revision guide: Pages 11- 13 & pages 16-19	Google Form Retrieval- Healthy Eating
Long Questions		Google Drive Video: Long Question Video
(8 to 12 marks)		Google Doc: Mark descriptor
		Google Slide: Slow writing 8 mark question
Dietary Disease	Use the links to revise and test	GCSEPod: CHD and Obesity
	your knowledge on the subject	GCSEPod: Bones, Teeth, Anaemia, Diabetes
	area.	GCSEPod: Intolerances and Allergies
		Google Form Retrieval-Dietary Diseases
	CGP revision guide: Pages 14- 15 & page 20	
Food Safety	Use the links to revise and test	GCSEPod: Buying Food Safely
Food Storage	your knowledge on the subject	GCSEPod: Storing Food Safely
	area.	GCSEPod: Cooking and Preparing
		Google Form Retrieval - Food Safety
	CGP revision guide: Page 22 & pages 24-27	

Food & Nutrition Continued



Revision Priorities	Suggested Activities	Information Links
Functional and Chemical Properties of Protein	Use the links to revise and test your knowledge on the subject area.	GCSEPod: Properties of Protein Google Form Retrieval - Properties of Protein
	CGP revision guide: Page 28	
Functional and Chemical Properties of Carbohydrates	Use the links to revise and test your knowledge on the subject area. CGP revision guide: Page 29	GCSEPod: Properties of Carbohydrates Google Form Retrieval -Changing Properties of Carbohydrates
Functional and Chemical Properties of Fats	Use the links to revise and test your knowledge on the subject area. CGP revision guide: Pages 30-31	GCSEPod: Properties of Fats and Oils Google Form Retrieval - Properties of Fats and Oils
Cooking Methods and Heat Transfer	Use the links to revise and test your knowledge on the subject area. CGP revision guide: Page 25 & pages 22- 23	GCSEPod: Why is Food Cooked? GCSEPod: Heat Transfer GCSEPod: Water Based Cooking GCSEPod: Dry Cooking Methods GCSEPod: Oil Based Methods Google Form Retrieval - Heat Transfer
Raising Agents	Use the links to revise and test your knowledge on the subject area. CGP revision guide: Page 32	GCSEPod: Raising Agents Google Form Retrieval - Raising Agents
Nutritional Analysis	Use the links to revise and test your knowledge on the subject area. CGP revision guide: Pages 17-18	GCSEPod: Nutritional Analysis Google Doc - Long Question Booklet

Food & Nutrition Continued



Revision Priorities	Suggested Activities	Information Links
Factors Affecting Food Choice - Cultural, Religious and Moral	Use the links to revise and test your knowledge on the subject area. CGP revision guide: Pages 42-45 & pages 48-51	GCSEPod: Factors Part 1 GCSEPod: Factors Part 2 GCSEPod: Factors Part 3 GCSEPod: Religion and Culture GCSEPod: Ethics and Morals Google Form Retrieval - Factors affecting food choices
Food Provenance	Use the links to revise and test your knowledge on the subject area. CGP revision guide: Pages 55-65	GCSEPod: Food Sources Part 1 GCSEPod: Food Sources Part 2 GCSEPod: Local, Seasonal and GM GCSEPod: Food Waste GCSEPod: Sustainability Part 1 GCSEPod: Sustainability Part 2 Google Form Retrieval - Food Sources
Microorganisms and Enzymes	Use the links to revise and test your knowledge on the subject area. CGP revision guide: Page 66 & pages 34-40	GCSEPod: Microorganisms and Enzymes GCSEPod: Food Spoilage GCSEPod: Microorganisms and Food Production GCSEPod: Pathogenic Bacteria Contamination Google Form Retrieval - Microorganisms

French

Head of Faculty: Miss K Roberts

kather in e. roberts @iwef.org.uk

Paper 1: Listening - Foundation 35 minutes. Higher 45 minutes

Paper 2: Speaking - Foundation: 9 minutes + preparation time.

Higher 12 minutes + preparation time

Paper 3: Reading - Foundation 45 minutes. Higher 1 hour Paper 4: Writing - Foundation 45 minutes. Higher 1 hour



Paper	Revision Priorities	Suggested Activities	Information Links
Paper 1, 2, 3 & 4	Practice your listening, speaking, reading and writing skills	Watch the GCSEPod videos and then test your knowledge on Quizlets	GCSEPod: Language Skills
	Language skills - 12 GCSE pods talking about basics and 'need to know' language.	New GCSE French Complete Revision and Practice.(topic	GCSEPod: Grammar
	Grammar - 3 GCSE pods talking about the different tenses.	based but includes language skills and grammar points)	GCESPod: Topics Top revision tips
	Topics - topics covered can be found in GCSEPod under the following titles-	Exam Practice Workbook. (Exam-style reading, writing	for French
	Identity and culture, local/national/ international and global, current and future study.	and listening questions relating to topics -there are plenty of grammar questions to check you are exam ready.	Quizlets
Paper 1	Learn, Know, Predict! You can predict the kind of words you'll hear in the exam -learn/revise those words in advance.	Use Blooket and Quizlets to practice and test your knowledge.	Blooket: French adjectives Blooket:
	For example: what words could come up on a listening question about the environment? Do you know the words traffic, global warming etc.	News in French (Foundation students try beginner, Higher students try Intermediate)	Connectives, time references and opinions
	Opinions: Knowing adjectives and opinion words are		Blooket: Small but important words in French
	crucial to the listening exam - you will get a lot of positive/ negative questions and if you don't know your opinion words e.g.		1jour1actu (News in French)
	boring, exciting, interesting, funny, you won't be able to answer these questions.		News in French Quizlets
Paper 2	Practise SPEAKING aloud in French	Practise by saying aloud the answers to each of the	Gcsepod: Speaking
	A.D.I! Answer, Development (give and explain opinions), Initiative (change tense!)	questions in the speaking booklet. Model answers and corrected answers are in your books.	

French Continued



Paper	Revision Priorities	Suggested Activities	Information Links
Paper 2	Practise words and answers to questions from your CHOSEN theme as you can GUARANTEE that will come up!	Stick to what you know and use the back of the booklet to add sophistication and extension to your answers. Remember - A.D.I! Make sure there are as many questions as possible in your speaking booklet that you have practised aloud and rehearsed. Try 10 - 15 mins a day of dedicated French speaking practise - doing it with a partner makes it easier. Pick and answer questions.	Google Doc - Speaking booklet
Paper 3	Recognition of key words on each topic (e.g. family & relationships, technology, freetime, poverty, health, sport, food, environment, holidays, studies, school life, jobs, university), opinions and time references are essential for the reading exam. Ensuring you can recognise time-frames is equally crucial - can you recognise if they are talking about a current, past or future event?	Work through the GCSEPod videos detailed above. Focus on learning the keys words and ensure you can recognise key structures in each tense.	
Paper 4	Writing practice	Use your speaking booklet questions as a guide for writing practice. Practise writing 90 or 150 words about your family, holidays, where you live etc. Include at least three tenses and show off structures in each piece you write. Try writing mind maps - one for each topic, include key structures, idioms, set phrases, a range of tenses, opinions and explanations. They will help you to recall key structures and you can use them for any last minute revision.	

Geography

Head of Faculty: Mr N Binfield nick.binfield@iwef.org.uk

Paper 1: Global Geographical Issues (Topic 1, 2 & 3) - 1 hour 30 minutes

Paper 2: UK Geographical Issues (Topic 4, 5 & 6) - 1 hour 30 minutes

Paper 3: Making Geographical Decisions (Topic 7, 8 & 9) - 1 hour





Paper	Revision Priorities	Suggested Activities	Information Links
Paper 1	Topic 1 - Hazardous Earth Topic 2 - Development Dynamics Topic 3 - Urbanising World	Produce flash cards for key case studies and themes - then have someone test you on these.	GCSEPod Seneca
		Watch the GCSEPod videos (make sure to select those relevant to Edexcel B)	
		Use Seneca to brush up on your knowledge and test yourself.	
Paper 2	Topic 4 - UKs Physical Landscape Topic 5 - UKs Human Landscape Topic 6 - Fieldwork	Produce flash cards for key case studies and themes - then have someone test you on these.	GCSEPod Seneca
		Watch the GCSEPod videos	
		Use Seneca to brush up on your knowledge and test yourself.	
Paper 3	Topic 7 - People and the Biosphere Topic 8 -Forests Under Threat Topic 9 - Consuming Energy Resources	Produce flash cards for key case studies and themes - then have someone test you on these.	GCSEPod Seneca
		Watch the GCSEPod videos Use Seneca to brush up on your knowledge and test yourself.	
Paper 1, 2 & 3	8 mark exam question structure	Complete past exam papers to familarise yourself with the exam question structure.	Pearson: Past exam questions

Please make use of the revision classes that take place during lunch break and after school. Be prepared - both papers require a calculator.

Graphics

Head of Faculty: Mr R Wiseman richard.wiseman@iwef.org.uk

Exam: Approximately 10 weeks preparatory followed by a 10 hour exam (completed across two consecutive days)



Revision Priorities	Suggested Activities
Introduction and Mind Map	Setting out your intentions relating to your chosen theme. (A03)
Moodboard	Collate a range of different imagery that shows links towards your chosen theme (A03)
Artist Research x 2	Complete studies, responses and written analysis of their work. (A01)
Recording Observation	Complete drawings (hand drawn/digital) and photographs of imagery relating to your theme. Use previous artist sheets to influence your work (A03/4)
Developing Ideas	Use your artist research and observational studies to begin to develop initial ideas for your final piece. (A01/2/3)
Experimentation	Refine your chosen idea further trhough experimentation with media in preparation for producing your final piece.
Students should ensure that time is used effe	ctively to complete all tasks, as outlined in lesson.

Students should ensure that time is used effectively to complete all tasks, as outlined in lesson. Please utilise after school and lunch time catch up sessions to fill gaps within coursework portfolios.

Health and Social Care BTEC

Head of Faculty: Miss N Bracegirdle natalie.bracegirdle@iwef.org.uk

Exam: Written Exam - worth 40% of your overall grade - 2 hours



Revision Priorities	Suggested Activities	Information Links
Aspects of Health and Wellbeing and Genetic Inheritance	CGP Revision Guide: Pages 63-64 Focus on: PIES, Holistic approach, Inherited conditions and disorders (cystic fibrosis, haemophilia and pre-dispositions to conditions) Read through Powerpoints Lesson 1 & 2 eRevision Task	https://erevision.uk/auth
Physical Factors: Physical and Mental III Health	CGP Revision Guide: Pages 64-65 Focus on: Chronic and acute illness (cardiovascular disease, obesity and diabetes) and symptoms and effects of mental ill health (anxiety and stress) Read through Powerpoint Lessons 3 & 4 eRevision Task	https://erevision.uk/auth
Physical factors: Physical Disabilities and Sensory Impairments	CGP Revision Guide: Pages 64-65 Focus on: Physical disabilities, vision and hearing loss. Read through Powerpoint Lesson 5 eRevision Task	https://erevision.uk/auth
Lifestyle Factors: Nutrition and Physical Activity	CGP Revision Guide: Page 66 Focus on: Addiction (smoking, alcohol, illegal drugs, misuse of drugs) Read through Powerpoint 8 eRevision Task	https://erevision.uk/auth



Revision Priorities	Suggested Activities	Information Links
Lifestyle Factors: Smoking, Alcohol and Substance Misuse	CGP Revision Guide: Page 66 Focus on: Addiction (smoking, alcohol, illegal drugs, misuse of drugs) Read through Powerpoint 8 eRevision Task	https://erevision.uk/auth
Social Factors: Relationships, Social Inclusion and Exclusion	CGP Revision Guide: Page 67 Focus on: Supportive and unsupportive relationships, social integration, isolation in retirement and others socially isolated. Read through Powerpoint 9 eRevision Task	https://erevision.uk/auth
Social Factors: Discrimination and Bullying	CGP Revision Guide: Page 67 Focus on: Types of bullying, effects on PIES, protected characteristics, promoting anti-discriminatory behaviour in the workplace. Read through Powerpoint 10 eRevision Task	https://erevision.uk/auth
Cultural Factors: Religion and Community Participation	CGP Revision Guide: Page 68 Focus on: Religious beliefs (Christianity, muslim, sikh, buddhism, judaism) and community participation and engagement. Read through Powerpoint 11 eRevision Task	https://erevision.uk/auth



Revision Priorities	Suggested Activities	Information Links
Cultural Factors: Gender Roles and Expectations	CGP Revision Guide: Page 69 Focus on: Gender roles and expectations, gender identity, gender expression, sexual orientation. Read through Powerpoint 12 eRevision Task	https://erevision.uk/auth
Economic Factors: Employment Situation and Financial Resources	CGP Revision Guide: Page 72 Focus on: Employment situation (types of work and level of income), savings and effects, poverty and effects on health and wellbeing. Read through Powerpoint 13 eRevision Task	https://erevision.uk/auth
Environmental Factors: Housing, Home Environment and Exposure to Pollution	CGP Revision Guide: Pages 70-71 Focus on: Housing needs, conditions and home environment, rural and urban lifestyles, the home environment, air pollution, noise pollution and light pollution. Read through Powerpoint 14 eRevision Task	https://erevision.uk/auth
The Impact of Life Events: Physical Events, Relationship Changes and Life Circumstances	CGP Revision Guide: Pages 73-78 Focus on: Physical life events, and relationship changes (entering into a relationship, marriage/partnership and parenthood, divorce and bereavement) and imprisonment (PIES effect). Read through Powerpoint 15 eRevision Task	https://erevision.uk/auth



Revision Priorities	Suggested Activities	Information Links
Health Indicators: Monitoring Health	CGP Revision Guide: Page 79 Focus on: Health monitoring and illness prevention, measurements of health (measurable indicators), positive and negative aspects of lifestyle and observed indicators. Read through Powerpoint 16 eRevision Task	https://erevision.uk/auth
Health Indicators: Resting Heart Rate (Pulse), Recovery After Exercise, Blood Pressure and BMI	CGP Revision Guide: Pages 79-81 Focus on: Pulse rate, recovery after exercise, high blood pressure, low blood pressure, why we measure body fat and calculating BMI using formula. Read through Powerpoints 17, 18 & 19 eRevision Task	https://erevision.uk/auth
Health Indicators: Using Published Guidelines and Significance of Abnormal Reading	CGP Revision Guide: 79-81 Focus on: Published guidelines and baseline assessments, limitations, presenting assessments, reasoned judgements, abnormal blood pressure, taking blood pressure readings, acting on abnormal readings. Read through Powerpoints 20 & 21 eRevision Task	https://erevision.uk/auth
Interpretation of data on Nutrition and Physical Activity	CGP Revision Guide: Page 82 Focus on: Examples of lifestyle data and recommendations, data on regular physical activity, who produces and uses the data and the cost of inactivity. Read through Powerpoints 22 & 23 eRevision Task	https://erevision.uk/auth



Revision Priorities	Suggested Activities	Information Links
Interpretation of data on Smoking, Alcohol and Substance Abuse	CGP Revision Guide: Page 83 Focus on: Who produces data, what it achieves, what it shows, negative effects, smoking guidelines, new safe limits for drinking alcohol Read through Powerpoints 24 & 25 eRevision Task	https://erevision.uk/auth
Person-centred Approach	CGP Revision Guide: Pages 84-85 Focus on: What it is and what it involves, the importance for individuals and benefits for health and social care workers and services. Read through Powerpoints 26 & 27 eRevision Task	https://erevision.uk/auth
Recommendations and Actions	CGP Revision Guide: Page 86 Focus on: Recommendations based physiological indicators, recommendations based on lifestyle indicators. Read through Powerpoint 28 eRevision Task	https://erevision.uk/auth
Sources of Support	CGP Revision Guide: Page 87 Focus on: Formal support from professionals, formal support in the voluntary sector and informal support. Read through Powerpoint 29 eRevision Task	https://erevision.uk/auth



Revision Priorities	Suggested Activities	Information Links
Barriers to Following	CGP Revision Guide: Page 88-89	https://erevision.uk/auth
Recommendations	Focus on: Physical, sensory, social and cultural language and speech, geographical, financial and resource barriers.	
	Read through Powerpoints 30, 31 & 32 eRevision Task	
Obstacles to following	CGP Revision Guide: Pages 90	https://erevision.uk/auth
recommendations	Focus on: Lack of motivation, low self-esteem and acceptance, time constraints, availability of resources, unachievable targets, lack of support.	
	Read through Powerpoints 33, 34, 35, 36 & 37 eRevision Task	

History

Head of Faculty: Mr N Binfield Nick.Binfield@iwef.org.uk

Paper 1: Understanding the modern world (AD) America, 1920–1973: Opportunity and inequality (BD) Conflict and tension in Asia, 1950–1975 - 2 hours

Paper 2: Shaping the nation - (AA) Britain: Health and the people: c1000 to the present day (BA) Norman England, c1066-c1100 - 2 hours



Paper	Revision Priorities	Suggested Activities	Information Links
Paper 1	Understanding the modern world (AD) America	Have a go at knowledge quizzes on Seneca Learning	Seneca DDF: Knowledge
	1920–1973: Opportunity and inequality (BD)	Complete past exam papers and submit them to your teacher for marking.	PDF: Knowledge organiser for America 1920-1973
	Conflict and tension in Asia, 1950–1975	Read of a knowledge organsier for America 1920-1973	BBCBitesize: Korean War
		Watch the Bitesize videos	BBCBitesize: Vietnam War
Paper 2	Shaping the nation - (AA) Britain: Health and the people: c1000 to the present day (BA)	,	Seneca BBCBitesize:
	Norman England, c1066– c1100	Health and the People - write a list of key people and how they have helped or hindered (stopped) progress	Normans BBCBitesize: Britain Health & People
		Complete past exam papers and submit them to your teacher for marking.	Trounit a respic
		Learn the 7 factors for the final qustion on the medicine paper. You will need to confidently argue about 3 factors including the one in the question if you wish to achieve the higher marks	
		Watch the Bitesize videos	
Paper 1 & 2	Exam Structure	Use Think Student website for tips on how to revise for your history exams.	Think Student
		Know the structure of each exam paper - 4 questions on Asia, Normans and Medicine, 6 on USA	

History Continued



Paper	Revision Priorities	Suggested Activities
Paper 1 & 2	Key terms/infromation to remember	Create a set of flash cards /mind maps for each topic and use them regularly. Highlight the main issues/ events/people and test yourself regularly. Create a glossary of key terms for each topic (this could help you get higher SPaG marks) Write a time line of key events for the Normans 1066-1100, America 1920-1973, Medicine for each time period Medieval - 1000-1500, Renaissance - 1500-1800, Industrial 1800-1900, Modern 1900 onwards, Conflcit in Asia for the Korean War 1950-1953 and Vietnam War 1954-1975
		Write a PEEL paragraph in 5 minutes to explain the importance of a key individual/development/event for example: explain the importance of Vesalius to the development of medicine, explain the importance of castles for William's control of England

Write a list of questions/topics you are unsure about. Research these, ask your teacher if you have any questions. Please make use of the revision classes that take place in school.

Mandarin

Head of Faculty: Miss K Roberts katherine.roberts@iwef.org.uk

Paper 1: Listening - 35 minutes Paper 2: Reading - 45 minutes



Paper	Revision Priorities	Suggested Activities	Information Links
Paper 1	Students are expected to be able to: demonstrate general and specific understanding of different types of spoken language follow and understand clear standard speech using familiar language across a range of specified contexts identify the overall message, key points, details and opinions. recognise the relationship between past, present and future events. deduce meaning from a variety of short and longer spoken texts including short narratives and authentic material. recognise and respond to key information, important themes and ideas in more extended spoken text, including authentic sources, adapted and abridged, as appropriate.	Use the video resources and online learning files on Google Classroom these demonstrate pronunciation. Visit the links to sample files through Google Classroom	Youtube: Listening to sentences & phrases
Paper 2	Students are expected to be able to: understand and respond to different types of written language. understand general and specific details within texts. identify the overall message, key points, details and opinions. recognise the relationship between past, present and future events. demonstrate understanding by being able to scan for specific information. translate a short passage from Chinese (Mandarin) into English.	Use the AQA GCSE vocabulary resource booklet to practice your key words Complete the sample questions on Google Classroom,	AQA GCSE vocabulary resource booklet

Music

Head of Faculty: Mr R Wiseman richard.wiseman@iwef.org.uk

Paper 1: The performance portfolio - this is coursework based Paper 2: The composition portfolio - this is coursework based

Paper 3: Listening and Appraising paper - 1 hour 45 minutes



Paper	Revision Priorities	Suggested Activities	Information Links
Paper 3	The various features of each of the eight set works.	Listen to the corresponding set work whilst revising its analytical features; this will help to embed the features and link to how they sound within the work. This will help with the initial six listening questions. Use Teoria to practise melodic and rhythmic dictation. If you are finding it too easy or difficult, or find that you often trip up with a certain interval then change the settings to focus your ear training on your weak area.	<u>Teoria</u>
Paper 3	Music vocabulary: Students will be tested on both their recall of musical features, and also their ability to use musical terminology in the correct context	Make mind maps for each of the set works following the CHRSTMS list features: Context, Harmony & Tonality, Rhythm, Metre, & Tempo, Structure, Texture, Melody, and Sonority. If there are any areas which you are struggling to remember features, then revisit the set work resources and revise this area.	IWEF GCSE Music website
		The IWEF GCSE Music website has individual sections on each set work, but also a whole section devoted to key musical vocabulary; go through these presentations, if there are any words that you are unsure of, research their meaning and find an example of them in a piece of music to cement your understanding. If you're still struggling with a term - contact your teacher for further help.	
Paper 3	Familiarise yourself with the type of exam questions you will come across	Using the IWEF GCSE Music website, read through and familiarise yourself with the different types of exam questions that will feature in the paper; there are tips as to how to approach each one.	IWEF GCSE Music website

Photography

Head of Faculty: Mr R Wiseman richard.wiseman@iwef.org.uk

Exam: Approximately 10 weeks preparatory followed by a 10 hour exam (completed across two consecutive days)



Revision Priorities	Suggested Activities	
Introduction and Mind Map	Setting out your intentions relating to your chosen theme. (A03)	
Moodboard	Collate a range of different imagery that shows links towards your chosen theme (A03)	
Artist Research x 2	Complete studies, responses and written analysis of their work. (A01)	
Recording Observation	Complete photoshoots relating to your chosen Phototgraphers/ theme. Use previous artist research to influence your work (A03/4)	
Developing Ideas	Use research and photoshoots to begin to develop initial ideas for your final piece. (A01/2/3)	
Experimentation	Refine your chosen idea further through experimentation with digital and non-digital proceses in preparation for producing your final piece	
Students should ensure that time is used effectively to complete all tasks, as outlined in lesson.		

Students should ensure that time is used effectively to complete all tasks, as outlined in lesson. Please utilise after school and lunch time catch up sessions to fill gaps within coursework portfolios. Ensure that knowledge of all camera settings is up to date.

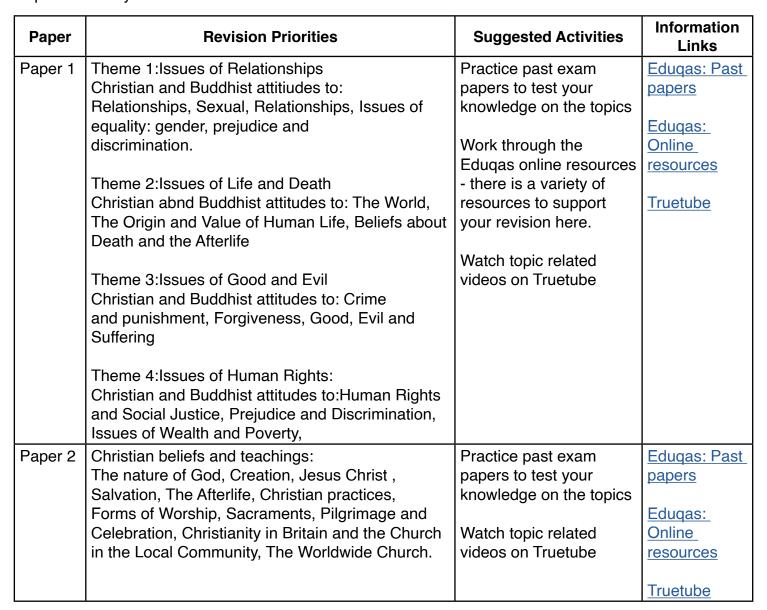
Religious Education

Head of Faculty: Mr N Binfield

Nick.Binfield@iwef.org.uk

Paper 1: Religious, Philosophical and Ethical studies in the modern world - 2 Hours

Paper 2: A study of Christianity - 1 Hour Paper 3: A study of Buddhism - 1 hour



Religious Education Continued



Paper	Revision Priorities	Suggested Activities	Information Links
Paper 3	Buddhist beliefs and teachings: The Buddha, The Dhamma/Dharma, The Four,	Practice past exam papers to test your	Eduqas: Past papers
	Noble Truths, Human personality, Human destiny	knowledge on the topics	
	and ethical teaching , Buddhist practices, Buddhist		Eduqas:
	Places of worship in Britain and elsewhere	Watch topic related	<u>Online</u>
	Meditation, Devotional practices, Death and	videos on Truetube	resources
	mourning, Festivals and retreats:, practices in		
	Britain and elsewhere		<u>Truetube</u>
Paper 1,	Exam Structure	Use the link to the	RE: GCSE
2 & 3		specification booklet and	<u>Specification</u>
		BBC Bitesize to gain a	<u>template</u>
		better understanding of	
		what you will be marked	BBCBitesize:
		on.	RE Exam
			<u>Specification</u>

Spanish

Head of Faculty: Miss K Roberts katherine.roberts@iwef.org.uk

Paper 1: Listening - Foundation 35 minutes. Higher 45 minutes

Paper 2: Speaking - Foundation: 9 minutes + preparation time.

Higher 12 minutes + preparation time

Paper 3: Reading - Foundation 45 minutes. Higher 1 hour

Paper 4: Writing - Foundation 1 hour. Higher 1 hour 15 minutes



Paper	Revision Priorities	Suggested Activities	Information Links
Paper 1, 2, 3 & 4	Practice your listening, speaking, reading and writing skills	Watch the GCSEPod videos and then test your knowledge on Quizlets	GCSEPod: Language Skills
	Language skills - 12 GCSE pods talking about basics and 'need to know' language. Grammar - 3 GCSE pods talking about the different tenses	New GCSE Spanish Complete Revision and Practice.(topic based but includes language skills and grammar points)	GCSEPod: Grammar GCESPod: Topics
	Topics - all topics covered can be found in GCSE pods under the following titles- Identity and culture, local/national/international and global, current and future study.	Exam Practice Workbook. (Exam-style reading, writing and listening questions relating to topics and there are plenty of grammar questions to check you are exam ready).	Τορισ
Paper 1	Learn, Know, Predict! You can predict the kind of words you'll be listening to for questions on certain topics and learn/revise those words in advance. For example: what would be the kind of words that will come up on a listening question about the Environment? Do you know the words for wind turbines, traffic, smoke, global warming etc.	Use Blooket and Quizlets to practice and test your knowledge.	Blooket Quizlets
	Opinions: Knowing adjectives and opinion words are crucial to the listening exam - you will get a lot of positive/ negative questions and if you don't know your opinion words e.g. boring, exciting, interesting, funny, you won't be able to answer these questions.		
Paper 2	Practise SPEAKING aloud in Spanish A.D.I! Answer, Development (give and explain opinions), Initiative (change tense!)	Practise by saying aloud the answers to each of the questions in the speaking booklet. Model answers and corrected answers should be in your books.	Gcsepod: Speaking

Spanish Continued



	nformation				
Paper	Revision Priorities	Suggested Activities	Links		
		Stick to what you know and use the back of the booklet to add sophistication and extension to your answers. Remember - A.D.I!	Google Doc - Speaking booklet		
	Practise words and answers to questions from your CHOSEN theme as you can GUARANTEE that will come up!	Make sure there are as many questions as possible in your speaking booklet that you have practised aloud and rehearsed.			
Paper 3	Recognition of key words on each topic (e.g. family & relationships, technology, freetime, poverty, health, sport, food, environment, holidays, studies, school life, jobs, university), opinions and time references are essential for the reading exam. Ensuring you can recognise time-frames is equally crucial - can you recognise if they are talking about a current, past or future event?	Work through the GCSEPod videos detailed above. Focus on learning the keys words and ensure you can recognise key structures in each tense.			
Paper 4	Writing practice	Use your speaking booklet questions as a guide for writing practice. Practise writing 90 or 150 words about your family, holidays, where you live etc. Include at least three tenses and show off structures in each piece you write.			
		Try writing mind maps - one for each topic, include key structures, idioms, set phrases, a range of tenses, opinions and explanations. They will help you to recall key structures and you can use them for any last minute revision.			

Sport BTEC

Head of Faculty: Dr P Clarkson paul.clarkson@iwef.org.uk



Sport BTEC students have already completed their exam in this subject. Students now need to focus on completing their coursework. Please utilise the catch up sessions that take place during lunch time and after school.









