		CURRIC	ULUM MAP – Year 11 (Core 2023-2024		
SUBJECTS TAUGHT	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
English	Language:	Language:	Language:	Language:	Language:	Language:
	 Writing to describe or narrate (GCSE Paper 1 Section B - Writing). Emphasis on good communication and punctuation. Considering literary and language methods to improve writing. Literature: A Christmas Carol. GCSE 19th Century Text Study. NB. Students may opt for another text such as Dr Jekyll and Mr Hyde if this has been studied at previous school). Reading/Lexia lesson timetabled every week. 	 Writing for Specific Audiences and Purposes (GCSE Paper 2 Section B - Writing). Considering appropriate styles of writing for letters, articles, speeches etc. Emphasis on function; Entertain, Inform, Persuade. Literature: Romeo and Juliet – GCSE Shakespeare Text Exam Preparation (including practice GCSE question). NB. Students may opt for another text such as Macbeth if this has been studied at previous school). Reading/Lexia lesson timetabled every week. 	Functional Skills 1 and 2 Preparation and Practice Ensuring readiness for FS level 1 and 2 especially appropriate ways to respond to emails, letters, complaints etc. Literature: 'Power and Conflict' - GCSE Poetry Cluster from AQA Anthology. Analysis of poetry texts and selection of texts for detailed understanding. Reading/Lexia lesson timetabled every week.	Analysing Fiction Texts (GCSE Paper 1 Section A – Reading). Practice reading skills to identify language and structural features in a variety of creative styles and genres. Identifying ways of quoting and evaluating writer's methods. Literature: An Inspector Calls – revision of text including exam practice. Reading/Lexia lesson timetabled every week.	 Writers Viewpoints and Perspectives (GCSE Paper 2 Section A - Reading). Understanding rhetorical devices in non-fiction writing Identifying how tone affects content and perspective. Literature: Writing about unseen poetry – GCSE Poetry Cluster. Reading/Lexia lesson timetabled every week. 	GCSE Exams Literature: GCSE Exams
	GCSE	GCSE	GCSE	GCSE	GCSE	GCSE
Maths	Simplifying Algebra Solving Equations	Transformations	Past Exam Papers for Revision	Past Exam Papers for Revision	GCSE exams	GCSE exams

Science (AF 11A)	Simultaneous Equations Sequences Graphs Constructions Loci B4 Bioenergetics - Photosynthesis - The rate of photosynthesis - Respiration and metabolism - Aerobic and anaerobic respiration - Exercise C5 Energy changes Exothermic and endothermic reactions Measuring energy changes Reaction profile	Pythagoras' Theorem Trigonometry Questionnaires Venn Diagrams Tree Diagrams Experimental Probability B5 Homeostasis and response Homeostasis The nervous system Synapses and reflexes Investigating reaction time The endocrine system Controlling blood glucose Puberty and the menstrual cycle Controlling fertility More on controlling fertility	B6 Inheritance, Variation and evolution DNA Reproduction Meiosis X and Y chromosomes Genetic diagrams Inherited disorders Family trees and embryo screening Variation Evolution Antibiotic resistant bacteria Selective breeding Genetic engineering Fossils Classification	B7 Ecology Competition Abiotic and biotic factors Adaptations Food chains Using quadrats and transects Water cycle Carbon cycle Biodiversity and waste management Global warming Deforestation and land use Maintaining ecosystems and biodiversity C8 Chemical analysis Purity and formulations Paper chromatograms Tests for gases	C10 Using resources Finite and renewable Reuse and recycling Life cycle assessments Potable water Desalination Waste water treatment Revision	Exams
Science (JW 11A)	C4 Chemical changes Acids and bases Reactions of acids	P5 Forces 1 Contact and non- contact forces Weight, mass and gravity	P6 Waves Transverse and longitudinal waves Frequency, period, speed	P7 Magnetism and electromagnetism Permanent and induced magnets Electromagnetism	P5 Forces 2 Distance, displacement, speed and velocity Acceleration	Exams

	Reactivity series and extracting metals Electrolysis P4 Atomic structure The current model of the atom Isotopes and nuclear radiation Nuclear equations Half-life Irradiation and contamination	Resultant forces and work done Forces and elasticity Investigating springs C6 Rate and extent of chemical change Rates of reaction – factors affecting, measuring Graphs of reaction experiments Working out reaction rates and reversible reactions	Investigating waves Refraction EM waves and their uses Investigating IR radiation and absorption Dangers of EM waves C7 Organic chemistry Hydrocarbons Crude oil Fractional distillation Cracking	C9 Chemistry of the atmosphere Evolution of the atmosphere Greenhouse gases and climate change Carbon footprints Air pollution	Distance-Time graphs Velocity-time graphs Newton's laws Investigating motion Stopping distances /braking/reaction times Revision	
Science (AF 11B)	B4 Bioenergetics - Photosynthesis - The rate of photosynthesis - Respiration and metabolism - Aerobic and anaerobic respiration - Exercise	C5 Energy changes Exothermic and endothermic reactions Measuring energy changes Reaction profile B6 Inheritance, Variation and evolution DNA Reproduction Meiosis X and Y chromosomes	B6 Inheritance, Variation and evolution Genetic diagrams Inherited disorders Family trees and embryo screening Variation Antibiotic resistant bacteria	B7 Ecology Competition Abiotic and biotic factors Adaptations Food chains Using quadrats and transects Water cycle Carbon cycle	B7 Ecology Biodiversity and waste management Global warming Deforestation and land use Maintaining ecosystems and biodiversity	Exams

	B5 Homeostasis	B5 Homeostasis	B6 Inheritance,	C8 Chemical	C10 Using	Exams
Science (JF 11B)	and response Homeostasis The nervous system Synapses and reflexes Investigating reaction time	and response The endocrine system Controlling blood glucose Puberty and the menstrual cycle Controlling fertility More on controlling fertility	Variation and evolution Evolution Selective breeding Genetic engineering Fossils Classification	analysis Purity and formulations Paper chromatography Using chromatograms Tests for gases	resources Finite and renewable Reuse and recycling Life cycle assessments Potable water Desalination Waste water treatment	
Science (JW 11B)	C4 Chemical changes Acids and bases Reactions of acids Reactivity series and extracting metals Electrolysis P4 Atomic structure The current model of the atom Isotopes and nuclear radiation Nuclear equations Half-life Irradiation and contamination	P5 Forces 1 Contact and non- contact forces Weight, mass and gravity Resultant forces and work done Forces and elasticity Investigating springs C6 Rate and extent of chemical change Rates of reaction – factors affecting, measuring Graphs of reaction experiments Working out reaction rates and reversible reactions	P6 Waves Transverse and longitudinal waves Frequency, period, speed Investigating waves Refraction EM waves and their uses Investigating IR radiation and absorption Dangers of EM waves C7 Organic chemistry Hydrocarbons Crude oil Fractional distillation Cracking	 P7 Magnetism and electromagnetism Permanent and induced magnets Electromagnetism C9 Chemistry of the atmosphere Evolution of the atmosphere Greenhouse gases and climate change Carbon footprints Air pollution 	P5 Forces 2 Distance, displacement, speed and velocity Acceleration Distance-Time graphs Velocity-time graphs Newton's laws Investigating motion Stopping distances /braking/reaction times Revision	Exams
Science (JW 10/11 static group)	Energy Changes in energy stores Energy conservation Energy transfer by heating	Speed and stopping distance Speed braking distance Distance-time graphs	Mixtures and compounds Covalent molecules Ionic compounds	Electrical current Electrical current Types of current Resistance Investigating components	Domestic electricity Power National grid	Energy and the rate of reaction Energy transfers Rate of reaction Monitoring rate of reaction Reaction profiles

	Energy resources Energy efficiency Energy and the environment Forces and work Force Work Weight Work done and power Forces and elasticity	Investigating acceleration Speed-time graphs Mixtures and compounds States of matter Mixtures Chromatography Structure of carbon Polymers Pure substances and formulations	Atoms and Nuclear Radiation Atoms and radiation Alpha, Beta, Gamma radiation Using radiation Half life Radioactive contamination	Series and parallel circuits Domestic electricity Wiring a plug Fuses and earth wires Transferring energy	Magnetism and electromagnetism Magnetic fields around an electric current Electromagnets Plotting magnetic fields	Measuring the rate of reaction Investigating rate of reaction
Science (AF 10/11 static group)	Atoms, elements and compounds Atoms and the p- table Groups in the p- table Making compounds The model of the atom Atoms and electrons	Concentrations Atoms, elements and compounds Metals and the p- table Non-metals and the p-table Metals and alloys Metals Alloys	Metals and alloys Extracting metals Recycling metals Reactivity series Electrolysis Sustainability	Feeding relationships Photosynthesis Adaptations Food chains and webs Decay Interdependence	Feeding relationships Factors affecting photosynthesis Investigating photosynthesis The carbon cycle Reactions of acids Neutralisation Metals and acids	Reactions of acids Investigating acids and carbonates pH scale balanced symbol equations
Science (JW 11 static group)	P1 Energy Energy resources and their uses - Wind, solar geothermal, hydro, wave, tide - Biofuels and non- renewables Trends in energy use P5 Forces	P5 Forces Newton's laws Investigating motion C2 Bonding and structure Formation of ions Ionic bonding Ionic compounds Covalent bonding Simple molecular substances	P4 Atomic structure The current model of the atom Isotopes and nuclear radiation Nuclear equations	Revision consolidation	Revision consolidation	Exams

	Contact and non- contact forces Weight, mass and gravity Resultant forces and work done How the body works	How the body is coordinated	How the body is coordinated	Revision mats and past papers	Revision mats and past papers	Exams
Science (HW 11 static group)	Respiration Healthy diet Lifestyle and disease Investigating pulse rate Anaerobic respiration Increasing the risk of disease	Nervous system Testing reactions Hormones and the menstrual cycle	Controlling fertility The menstrual cycle and contraception Homeostasis			
ELC Science (JC 11C)	 The Human Body 1 Laboratory safety A healthy diet Digestive system Respiratory system Circulator system 	 The Human body 2 Nervous system Immune system / infection and disease Reproductive system Excretory system 	Elements, Mixtures and Compounds 1 • Elements, compounds, and chemical reactions • The Periodic Table	Elements, Mixtures and Compounds 2 • Structure of the Atom: subatomic particles • Structure of the Atom: Electron configuration	Energy. Forces and the Structure of Matter 1 Introduction to energy Energy and Electricity Electricity: an introduction to circuits Simple Electrical circuits	Energy. Forces and the Structure of Matter 2 Particle theory Forces Gravity Magnetism Energy resources renewable and non-renewable
History	Optional Element for GCSE Health and the People (Paper 2 Section A).	Optional Element for GCSE America 1920 – 1973 (Paper 1 Section B) – Opportunity and Inequality.	Compulsory elements for GCSE Conflict – either The Origins of WW1 or Conflict in Asia (Paper 1 Section A)	Optional Element for GCSE The Tudors (Paper 2 section B) Social History Political History	Revision for GCSE examinations World War 1 Medicine	Revision for GCSE America 1920 – 1973 The Tudors

	Developments in medicine and surgery – changes in public health in the Renaissance and the 18th century and leading to the 20th Century and development of the NHS.Origins of the Great Depression – leading to recovery in the war years and America's change towards international conflicts, Roosevelt and Kennedy, Watergate.			
Geography	 Urban issues and challenges Key areas studied; Growing urban population. Opportunities and challenges of urban population growth. Urban change in cities in the UK. Urban sustainability and the management it requires of resources and transport. 	 The changing economic world Key areas to look at; The global varieties in economic development and quality of life. The variety of ways to reduce the development gap. LIC and NEE rapid growth – leading to significant social, environmental and cultural change. Changes in the UK economy – changes in employment patterns and regional growth. 	 Challenge of resource management We will choose topics from the following areas; Resource management – the changing demands for food, water and energy. The opportunities and challenges for this changing demand in the UK. Food management – rising global demand for food. Supply can be insecure and we will look at the different strategies to cope with this conflict and ways to increase food supplies. Water management – rising global demand for water. Supply can be insecure and we will look at the different strategies to cope with this conflict and ways to increase food supplies. Energy management – rising global demand for energy. Supply can be insecure and we will look at the different strategies to cope with this conflict and ways to increase water supplies. 	
	Project Introduction or Development	Project Development	Project Completion	
Arts Award	Artform Knowledge & Understanding/ Creativity:	Artform Knowledge & Understanding/ Creativity:	Artform Knowledge & Understanding/ Creativity:	
	• Take part in a range of practical arts activities; learn about the arts through practical experience	 Explore the work of an arts practitioner through active research/ experience 	 Develop audio/written commentary using Arts Award guidance Show creative problem-solving when reviewing how creative ventures turned out 	

	 Development of more personalised creative and practical responses Explore the work of an arts practitioner through active research/experience. Communication: Record how creative work was completed using subject specific language Take part in discussions or reflective activities with support from others Present information to others Reflect upon and evaluate practical experiences using Arts Award templates. 	 Learn about the arts through practical experience Review an arts organisation or an experience of an arts event/experience Demonstration of commitment to more personal creative and practical explorations within arts activities. Communication: Record how creative work was completed using subject specific language Take part in discussions or reflective activities Present information to others Reflect upon and evaluate practical experiences using Arts Award templates. 	 Ensure review work has a personal response as well as a critique of creative elements Communication: Share information with others using clear communication and presentation skills-record this process Reflect upon and evaluate practical experiences using Arts Award templates Clear compilation of all portfolio work in preparation for internal and external moderation.
Esports	BTEC Level 2 Award Unit 1: Learners investigate different genres of esports games and the professional teams that play them. They will study the online and live tournaments and leagues in which these esports team compete. Learning aims: Investigate different genres of esports games. Investigate different genres of esports games. Explore different professional esports teams. Examine esports tournaments and leagues.	Unit 2:	on. sation.

	BTEC Level 1	/2 First Award	BTEC Level 1/2 First Award				
	Unit 1:		Unit 2:				
Business Studies	Learners will investigate the different types of businesses and how they operate. The unit introduces students to the language and terminology used in business.		Learners will explore the types of costs that businesses incur, from the initial start-up costs involved in setting up a business to the ongoing daily costs of running a business. They will explore the ways in which the sale of products and services generates revenue, so that you can develop their understanding of profit.				
	Learning aims:		Learning aims:				
	 Explore how businesses operate. Consider how market research helps a business to understand the market. Investigate the use of the marketing marketin		 Understand the costs involved in business and how businesses make a profit. Understand how businesses plan for success. Understand how businesses measure success and identify areas for improvement. 				
Food Tech	BTEC Level 2 Home cooking skills Introduction to BTEC Home Cooking Skills Level 2 course - starter dishes, suitable dishes for vegan/vegetarian diets. To give students the opportunity to gain/continue practical cooking skills whilst being guided and encouraged to always work safely and hygienically in the kitchen.	BTEC Level 2 Home cooking skills Lunch dishes. To give students the opportunity to continue to gain practical cooking skills whilst being guided and encouraged to always work safely and hygienically in the kitchen. Looking at Healthy options, nutrition and budgeting.	BTEC Level 2 Home cooking skills Dinner dishes. To give students the opportunity to continue to gain practical cooking skills whilst being guided and encouraged to always work safely and hygienically in the kitchen. Looking at Healthy options, nutrition and budgeting.	BTEC Level 2 Home cooking skillsTo give students the opportunity to continue to gain practical cooking skills whilst being guided and encouraged to always work safely and hygienically in the kitchen.Looking at Skills and the use of kitchen equipment.Planning and preparation of Assessment.	BTEC Level 2 Home cooking skills To give students the opportunity to continue to gain practical cooking skills whilst being guided and encouraged to always work safely and hygienically in the kitchen. Looking at Skills and the use of kitchen equipment. Level 2 Assessment.	BTEC Level 2Home cookingskillsPicnic food.To give students the opportunity to continue to gain practical cooking skills whilst being guided and encouraged to always work safely and hygienically in the kitchen.Health & Hygiene Level 1 Certificate.	

RSE (SELF)	Mental health and ill health, stigma, safeguarding health, including during periods of transition or change	Building for the future Self-efficacy, stress management, and future opportunities Application processes, and skills for further education, employment and career progression	Healthy relationships Relationships and sex expectations, pleasure and challenges, including the impact of the media and pornography Communication in relationships Personal values, assertive communication (including in relation to contraception and sexual health), relationship challenges and abuse	Exploring influence The influence and impact of drugs, gangs, role models and the media Independence Responsible health choices, and safety in independent contexts	Addressing extremism and Radicalisation Communities, belonging and challenging extremism Families Different families and parental responsibilities, pregnancy, marriage and forced marriage and changing relationships	Exams
	Football Rugby Fitness Athletics Cricket Rounders Aims The national curriculum for physical education aims to ensure that all pupils: develop competence to excel in a broad range of physical activities.					
Physical Education		for sustained periods of re sports and activities. ives.	time.			
		ariety of tactics and strat y, netball, rounders, rugb		onents in team and indivi	dual games [for example, bad	minton, basketball,

□ develop their technique and improve their performance in other competitive sports, [for example, athletics and gymnastics], or other physical activities [for example, dance].
□ take part in further outdoor and adventurous activities in a range of environments which present intellectual and physical challenges and which encourage pupils to work in a team, building on trust and developing skills to solve problems, either individually or as a group.
evaluate their performances compared to previous ones and demonstrate improvement across a range of physical activities to achieve their personal best.
□ continue to take part regularly in competitive sports and activities outside school through community links or sports clubs.