



		CORE SUBJECTS										
Y10	Week	English	Maths Foundation	Maths Higher	Biology	Chemistry	Physics	Combined Biology	Combined Chemistry	Combined Physics	Lakes	
HT 1	1	Macbeth / Poetry Anthology [Power and Conict]	Probability	Qaudratics, sim. equations, inequalities	Topic 7: Animal coordination, control and homeostasis	Elements, Electrons, Bonding	Topic 3 Motion: Conservation of energy	Topic 7: Animal coordination, control and homeostasis	Elements, Electrons, Bonding	Topic 3 Motion: Conservation of energy	Health and wellbeing / alcohol / drugs / vaping / responsible decisions	
	2											
	3											
	4		Charts, tavbles, scatter graphs	SOHCAHTOA, cumulative frequency, histograms								
	5											
	6											
HT 2	7	Area, compound area and volume, circles, Pythagoras	Transformations, bearings		Topic 8: Exchange and transport in animals	Bonding, Acids, Neutralisation, Titration, Salts, Mass Calculations	Topic 4 & 5 Waves: Light and the EM spectrum	Topic 8: Exchange and transport in animals	Allotropes of Carbon, Bonding, Concentration of Acids, Bases and Salts	Topic 4 & 5 Waves: Light and the EM spectrum	Equaity / protected characteristics / anti-racism / prejudices / extremism / Prevent	
	8											
	9											
	10		REVIEW	REVIEW								
	11											
	12											
HT 3	13	An Inspector Calls OR Lord of the Flies / Writing to Argue	Transformations, bearings	Constructions, loci	Conservation of Mass, Moles, Reactivity, Displacement Reactions, Extraction of Metals, Oxidation	Topic 6: Plant structures and their functions	Electrolysis, Transition Metals, Corrosion, Alloying	Topic 6 Radioactivity	Making Salts, Mass Calculations, Mole Calculations	Topic 8 Energy	Gangs and OCGs / County lines / Knife crime / Gun crime	
	14											
	15											
	16		Powers, standard form, percentage change, SDT	Area, perimeter, surface area, volume, 3d shapes								
	17											
	18											
HT 4	19	An Inspector Calls OR Lord of the Flies / Writing to Describe	REVIEW	REVIEW	Reversible Reactions, Equilibrium, Concentration Calculations, Molar Gas Volumes	Topic 7 Astronomy	Topic 9: Ecosystems	Extracting Metals, Corrosion and Oxidation, Recycling Metals, Electrolysis	Topic 10 Electricity (Including core practical)	Hinduism		
	20											
	21											
	22		Sim. Equations	Compound measures				Revision and Y10 Exam	Products from Electrolysis, Reversible Reactions, Group 1, 7 and 0		Exams	Electricity cont.
	23											
	24											
HT 5	25	A Christmas Carol OR Jekyll & Hyde / Writing to Describe	Proportion and N-L graphs	Probability, venn diagrams, similarity, congruence	Chemical and Fuel Cells, Group 1, 7 and 0	Topic 7 Astronomy	Topic 9: Ecosystems / Y10 Exam and Revision		Exams	Exams	Careers and post-16 progression	
	26											
	27											
	28		Quadratics	Compound measures, real-life graphs								
	29											
	30											
HT 6	31	Revision and Y10 Exam / Speaking & Listening	REVIEW	REVIEW	Topic 7 Astronomy	Topic 9: Ecosystems / Y10 Exam and Revision	Exams	Exams	Careers and post-16 progression			
	32											
	33											
	34		Quadratics	Compound measures, real-life graphs								
	35											
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		NON-CORE SUBJECTS												
Y10	Week	Art	BTEC DIT	BTEC Sport	Business	Computing	DBE	Drama	DT	Fashion & Textiles				
Y10	1	Y10 Media workshops		Component 1 A: Explain types of provision of sport and physical activity for different types of participants	THEME ONE: Investigating Small Business	Boolean logic; Data storage; Units; Designing, creating and refining algorithms; Programming fundamentals; Data types; Practical programming skills	Introduction Careers Sustainability Architecture in Sheffield	Devising Drama	Cardboard Chairs Product Analysis Modelling Testing and Evaluating Paper and Board Lego 2D and 3D drawing Scale CAD 3D Printing Polymers Properties Categories Bioplastic Production Metals Properties Categories Pewter Casting	Introduction: Drawing and observational skills Using different media. Introduction to Textile techniques. Skills based workshops Pencil drawing-tonal Fineliner- Line drawing Watercolour & inks Freehand machining Silk painting Batik Soluble fabric Acrylic Pastels Wire drawings V&A Visit				
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	3													
	4													
	5			1.1 Enterprise and entrepreneurship	1.2 Spotting a business opportunity			Devising Drama						
	6													
	7			1.2 Spotting a business opportunity	Devising Drama									
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HT 1	9	Y10 Media workshops	Component 1: Explaining and Using Interface Design Practicse and Project Planning (30%)	Component 1 B: Examine equipment and technology required	1.3 Putting a business idea into practice	Additional programming techniques; Practical programming skills; Data storage (characters, images, sound); Architecture of the CPU; CPU performance	Design Project Café in Hillsborough park	Devising Drama	Polymers Properties Categories Bioplastic Production Metals Properties Categories Pewter Casting	Freehand machining Silk painting Batik Soluble fabric Acrylic Pastels Wire drawings V&A Visit				
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13	Y10 National Gallery and V&A Project and visit			Component 1 C: Be able to prepare participants to take part in psort and physical activity	1.4 Making the business effective						Unit 1: Planning Potential of Construction projects	Presenting and Performing Texts: Kinder-transport	Timber Properties Categories Pewter Casting Living hinges Plywood bending Textiles Properties Categories Patterns Making a pouch Mechanisms Levers Gears Mechanical Advantage Input –Process- Output	Beatriz Milhazes Prin Research her work create a hand made book.
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15														
16														
HT 2	17	Y10 National Gallery and V&A Project	Component 2 A: Understand how different components of fitness are used in different activities	Component 2 B: Be able to participate in sport and understand the roles and reponsibilities of officials	THEME TWO: Building a Business	Additional programming techniques; Practical programming skills; Data storage (characters, images, sound); Architecture of the CPU; CPU performance	Unit 1: Planning Potential of Construction projects	Presenting and Performing Texts: Kinder-transport	Timber Properties Categories Pewter Casting Living hinges Plywood bending Textiles Properties Categories Patterns Making a pouch Mechanisms Levers Gears Mechanical Advantage Input –Process- Output	Beatriz Milhazes Prin Research her work create a hand made book.				
18														
19														
20														
HT 3	21			Y10 National Gallery and V&A Project	Component 2 B: Be able to participate in sport and understand the roles and reponsibilities of officials	THEME TWO: Building a Business	Additional programming techniques; Practical programming skills; Data storage (characters, images, sound); Architecture of the CPU; CPU performance	Unit 1: Planning Potential of Construction projects	Presenting and Performing Texts: Kinder-transport	Timber Properties Categories Pewter Casting Living hinges Plywood bending Textiles Properties Categories Patterns Making a pouch Mechanisms Levers Gears Mechanical Advantage Input –Process- Output	Beatriz Milhazes Prin Research her work create a hand made book.			
22														
23														
24														
HT 4	25	Y10 National Gallery and V&A Project	Component 2 B: Be able to participate in sport and understand the roles and reponsibilities of officials		THEME TWO: Building a Business	Additional programming techniques; Practical programming skills; Data storage (characters, images, sound); Architecture of the CPU; CPU performance	Unit 1: Planning Potential of Construction projects	Presenting and Performing Texts: Kinder-transport	Timber Properties Categories Pewter Casting Living hinges Plywood bending Textiles Properties Categories Patterns Making a pouch Mechanisms Levers Gears Mechanical Advantage Input –Process- Output	Beatriz Milhazes Prin Research her work create a hand made book.				
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28														
HT 5	29		Y10 YSP Project and visit	Component 2 B: Be able to participate in sport and understand the roles and reponsibilities of officials	THEME TWO: Building a Business	Additional programming techniques; Practical programming skills; Data storage (characters, images, sound); Architecture of the CPU; CPU performance	Unit 1: Planning Potential of Construction projects	Presenting and Performing Texts: Kinder-transport	Timber Properties Categories Pewter Casting Living hinges Plywood bending Textiles Properties Categories Patterns Making a pouch Mechanisms Levers Gears Mechanical Advantage Input –Process- Output	Beatriz Milhazes Prin Research her work create a hand made book.				
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HT 6	33	Y10 YSP Project		Component 2 C: Demonstrate the ways to improve sporting techniques	2.1 Growing the business	Embedded systems; Primary storage (memory); Secondary storage; Networks and topologies; Wired and wireless networks; Revision	Unit 1: Externally set assignment 6hr examination Unit 2: Scale drawings Site plans Elevations Sections	Devising Drama (30% of GCSE)	Review of Materials and Properties Paper and Board Timbers Polymers Metals Textiles Start NEA Exploring Briefs Client Product Analysis	Felting: Look at a felting artis and create a small felted image. Fabric manipulation: Choose a colour way to work with Testing and sampling Burning Tyvek and Lutradur Cutting and slashing Shibori Tucks/ decorative tucks Weaving Shirring elastic				
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King Egbert School Year 10 Curriculum

		NON-CORE SUBJECTS										
Y10	Week	Food Technology	French	Geography	German	Health & Social Care	History	Music	PE	PE GCSE	Spanish	
HT 1	1	Introduction Eatwell Guide Macronutrients Micronutrient Sources Functions Excess Deficiency Dietary groups Nutritional needs and life stages	Inside of your home, household activities, your area and region, directions, school subjects and options on those subjects	Changing Economic World (Nigeria and the UK)	Free time activities (music, cinema, TV), sports and extreme sports		Cold War 1945-1991	Basic theory principles, confidence with notation. Preparation for performance and composition.	PE classes rotate through various sports and activities throughout the year. Please contact Mr Howse [phowse@ecgbert.sheffie Id.sch.uk] for more information.	Paper 1: physical training; principles of training; optimising training; training methods; health and fitness; measuring fitness.	House, Town, Neighbourhood,	
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HT 2	9	Nutritional analysis and meal planning Cooking of food and heat transfer Food spoilage and contamination. Food safety	Describing a day in school, school in another country, old and new health habits, healthy lifestyle	Changing Economic world (Nigeria and the UK) and Challenge of Natural Hazards	Food and drink, healthy and unhealthy living, drugs, smoking and alcohol			Area of study 2: popular music (Broadway 1950s and 1990s; Rock music 1960s and 1970s). Compositional techniques.			School Subjects, Teachers, Uniform and Describing your School	
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HT 3	17	Sensory evaluation Functional and chemical properties of food. Protein – denaturation, coagulation, gluten formation, foam formation. Carbohydrate – gelatinisation, caramelisation, mallard – browning, dextrinization Fats and oil-emulsification, plasticity. Raising agents	Health resolutions, festivals, meanings of traditions, comparing school life in France and Britain	Challenge of Natural Hazards	School day, timetables, school pressures, customs and traditions	Two units are completed throughout Y10. Component 1 (Human Lifespan Development) and Component 2 (Health and Social Care Services and Values).	Weimar and Nazi Germany 1918-1945	Area of study 2: popular music (Film and computer gaming music 1990-present; Popular music 1990-present). Compositional techniques and performance.		Paper 1: aerobic and anaerobic exercise; short- and long-term effects of exercise	Sports you do, Sports around the world, Free time, Eating out and Special occasions	
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HT 4	25	Life at school (uniform, rules, what you would change...)	Living world (ecosystems and rainforests)	Holidays, transport, weather, accommodation				Area of study 2: traditional music (Blues music 1920-1950; Fusion music inc. Caribbean or African music). Compositional techniques and performance skills.		Paper 1: movement analysis; lever systems, planes and axes of movement	Holidays and holiday accommodation, Tourist leaflets	
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HT 5	33	Food processing and production. Technological developments. Factors affecting food choice Religion and culture, ethical and moral and medical. Food labelling Food provenance British and international cuisines Environmental impact and sustainability	Travel and tourism, describing holidays and activities in detail	Living world (cold environments) and Rivers	Post-16 choice, university, careers, ideal jobs				Area of study 2: traditional music (Contemporary Latin music; Contemporary folk music of the British Isles). Compositional techniques and performance skills.		Applied anatomy and physiology; structure & function of cardio-respiratory system	Festivals and customs, Fiesta in Spain and Latin America
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HT 6	41	University and world of work	UK Physical Landscapes, Rivers and Rivers fieldwork	Ideal partners, marriage, future plans			Introduction to Medicine	Study Piece - Little Shop of Horrors (Prologue/Overture). Compositional techniques and performance skills.		Use of data - how to collect it	Family, Technology	
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