

Year 10

Subject	Michaelmas 1	Michaelmas 2	Lent 1	Lent 2	Trinity 1	Trinity 2
Art	Interiors	Interiors	Interiors	Interiors	Interiors/individual projects	individual projects
Biology	B8 Plants and photosynthesis	B9/10 respiration and nervous system (+ culturing microorganisms and monoclonal antibodies/brain/eye for triple)	B11/12 Hormones & homeostasis (+kidney for triple)	B13 Reproduction	B13 Inheritance (+B16 environment for triple)	B16 environment (+B16 adaptations/ B18 energy transfer for triple)
Business	1.1 Enterprise & Entrepreneurship, 1.2 Spotting a business opportunity, 1.3 Putting a business idea into practice	1.2 Spotting a business opportunity cont, 1.3 cont.	1.3 cont, 1.4 making the business effective	1.3 Cont, 1.4 cont, 1.5 Understanding external influences	1.5 cont, 2.1 Growing the business	2.1 Cont
Chemistry	Structure and bonding	Chemical calculations	Electrolysis	Energy Changes	End of year Exam revision	Rates
Computer Science	1.1 Systems architecture 1.2 Memory and storage 1 Python programming	1.2 Memory and storage 1 Python programming 1.2 Memory and storage 2 Python programming	1.3 Computer networks, connections and protocols Python programming	1.3 Computer networks, connections and protocols 1.4 Network security Python programming	1.4 Network security 1.5 System software python programming	1.6 Ethical, legal, cultural and environmental concerns python programming
Design and Technology	Phone Throne Fixed practical, Onshape Wood joints and finishing.	Ice scraper Wood laminating Non-permanent fixings Acrylic bending	Elephant lamp Sheet aluminium Brass spinner Metal turning	Start IGCSE research after February ½ term Brief, research plan, target market.	Specification Initial Designs	3x Solutions Modeling
Drama	Practitioner recap/Devising	Practitioner recap/Devising	Set text C3	Set text C3	Devising C1	Devising C1
EAL	Subject Support - CLIL (Content and Language Integrated Learning) - Dependent on individual needs/subject choices					
English	English Language Paper 1 - Reading section	English Language Paper 1 - Writing section / Mock preparation/ Anthology Poetry	English Language Paper 2 - Reading section	English Language Paper 2 - Writing section (Transactional) / Mock preparation/ Anthology Poetry	Revision and Exam preparation	Modern Text (An Inspector Calls)
Food & Nutrition	<b>Focusing:</b> Students will embed practices from year 9 or have new concepts introduced. <b>Skills Learnt:</b> - Bacteria - Health Issues - Modifying recipes - Energy Balance - Food Commodities - Fruit & Vegetables - Food Commodities - Meat, Poultry, Eggs and fish <b>Practical:</b> - Minestrone Soup and bread Rolls - Own Choice - Chicken Noodle Soup & Marinaded Chicken Wings	<b>Focusing:</b> Students will embed knowledge of Macro and Micronutrients. <b>Skills Learnt:</b> - Proteins - Fats - Carbohydrates - Vitamins - Minerals <b>Practical:</b> - Chicken Kiev with seasonal vegetables - Chicken & Chorizo Paella - Cinnamon Buns	<b>Focusing:</b> Students will learn about functional and chemical properties of a range of different ingredient and how raising agents are used. <b>Skills Learnt:</b> - Fats - Sauces - Raising Agents - Coagulation - Emulsions <b>Practical:</b> - Sausage Rolls - Lasagna - Mini Meringues - Chocolate Orange Mousse	<b>Focusing:</b> Students continue to learn about functional and chemical properties of a range of different ingredients. <b>Skills Learnt:</b> - Denature of protein - Sugar - Starches - Sweeteners - Gelling Agents - New & Emerging Foods <b>Practical:</b> - Filleting a fish - Fish fingers and tartar sauce - Cheesecake	<b>Focusing:</b> Students will learn about ways in which food is cooked and how it affects texture and taste. Students will conduct a food science experiment on a chosen theme. <b>Skills Learnt:</b> - Cooking methods - Heat transfers - Sensory Analysis - Food Science experiment <b>Practical:</b> - Food Science experimentations	<b>Focusing:</b> Students will have the opportunity to practice a range of medium and high skill dishes and examination practice techniques in preparation for year 11. <b>Skills Learnt:</b> - Examination practice techniques - Roux - Reduction - Raising Agents - Dough - Pastry <b>Practical:</b> - Cheese Souffle - Olive bread - Cornish Pasty & Side salad - Bakewell Tart - Fraiser Cake with Creme Anglaise
French	Travel & Tourism	Healthy/Unhealthy Living	Technology	The Environment	School & Education	Exams/Response/Cultural unit
Geography	Urban Issues		Living World		Managing Resources	
History	American West (GCSE)	American West (GCSE)	American West (GCSE)	Henry VIII and his Ministers (GCSE)	Henry VIII and his Ministers (GCSE)	Henry VIII and his Ministers (GCSE)
ICT	Word processing & Databases	Databases & Presentation	Spreadsheets	Web authoring	Theory and exam strategy	Practice papers
Mathematics	Foundation: Real Life Graphs Straight Line Graphs Ratio and Proportion Higher: 10A1 Algebra Award 10A2 Formulae Continued 10A2 Inequalities Straight Line Graphs Formulae	Foundation: Trigonometry Probability Higher: 10A1 Algebra Award Cont 10A2 Formulae Continued Area and Volume, Circles Cones, Spheres	Foundation: Multiplicative Reasoning Constructions Higher: Probability Accuracy and Bounds Simultaneous Equations	Foundation: Circles, Cylinders Cones, Spheres Vectors Higher: Probability Continued Multiplicative Reasoning	Foundation: Indices Quadratic Graphs Higher: Further Trigonometry Histograms Cumulative Frequency	Foundation: Revision Exam Week Vectors Higher: Revision Exam Week Vectors Sampling
Music	Music Theory/Set work	Set work/composition techniques	Set work/Comp 1	Set Work/comp 1	Cultural Unit (23-F)	Set Work/comp 1
PDE	Study Skills, Personal Goals; Grit and Resilience	Healthy and Unhealthy Behaviour and Mental Health (Toxic gendered behaviour; substance abuse; child-on-child abuse; risk awareness at when out with friends; mental health)	Laws and Rights (Protected Characteristics and Identity; Discrimination and Hate Crime; Conscious and Unconscious Bias); Relationships and Sex Education (Consent; Commitment; Healthy Relationships - sexual and non-sexual)	Relationships and Sex Education (Sexual Health; Pregnancy Options; Foetal Development and Parenthood); Study Skills Recap	Abuse and Coercive Control, Healthy Body Image, Physical Health and Healthcare; Critical Literacy.	Careers Education; Finance Education.
Photography	Unit 1-Portfolio skills, foundations	Unit 1 Portfolio Story, narrative , development		Unit 1 Portfolio- FMP : Reflection and Distortion		
Physical Education	Paper 1. Chapter 1.1-1.3	P1. Chapter 1.4-1.5	P1. Chapter 2.1-2.2	P1. Chapter 2.2-2.3	Paper 2. Chapter 4.1 - 4.3	P2. Chapter 4.3 - 4.4
Physics	Density and molecules	Radioactivity	Forces and Motion	Pressure	Optics/revision	Optics
Spanish	Technology	The Environment	Travel & Tourism	Healthy & Unhealthy Living	Cultural Unit (23-F)	Exams/Response
Theology and Philosophy	Christianity: Beliefs. Nature of God, Creation, Jesus, Salvation, and the afterlife	Buddhism: Practices. Forms of Worship, Sacraments, Pilgrimage, Christianity in the UK and the world.	Buddhism: Beliefs. The Dharma, The Buddha, The Four Noble Truths, Human Paersonality and ethical teaching.	Buddhism: Practices. Places of Worship, Meditation, Devotional Practices, Death and Mourning and Festivals.	Philosophy and Ethics Unit 1: Relationships, Sexual Relationships and Equality	Revision and Exams