

# Autumn Term / Curriculum Overview

## Year 10



Core	English	<b>Language:</b> Paper 2 - Reading section - Pupils will consider viewpoint and use of language in a range of text forms including: Blog / Article / Letter / Leaflets. They will also complete their Spoken Language Endorsement.	<b>Literature:</b> Paper 2 - Section B - Power and Conflict Poetry / Anthology / Ozymandias / Power / Unseen poetry assessment
	Mathematics	Working with circles Pythagoras and Trigonometry Real life graphs Ratio and proportion	Properties of polygons Rounding and Bounds
	Science Biology Chemistry Physics	<b>Pupils will cover the following topics in Science:</b> Homeostasis and response; Rate and extent of chemical change; Forces.	
WORLD	History	<b>British Thematic Study:</b> Unit 2 (81452) / AA Britain: Health and the people: c1000 to the present day Modern Medicine, 1900 to present day <b>British Depth Study:</b> Unit 2 (81452) / BC Elizabethan England: c1568 / 1603 Elizabeth's background, Court and Parliament Life in Elizabethan times	
	Geography	<b>Unit 2 – Development case study of an emerging country (India)</b> - The influence of location and human and physical context on the development of the emerging country - How globalisation has influenced the country's economic development - How rapid development has had positive and negative effects on people and the environment of the country - How rapid development has affected the international role of the country <b>Unit 3 - Challenges of an urbanising world</b> - Global trends in urbanisation - Differences in urban economies - Land use change in urban areas - Different processes of urban change eg. Counterurbanisation and suburbanisation	
	Spanish	January: Free time and hobbies February: Social issues and healthy / unhealthy living	March: Life at school / college April: Customs and festivals in Spanish speaking countries / communities (T1)
	French	January: Social issues and healthy / unhealthy living February: Life at school / college	March: Customs and festivals in French speaking countries / communities (T1) April: Travel and tourism
TECHNICAL	Religious Studies	<b>Christianity - Belief:</b> Intro and the Trinity / Creation / Salvation / Atonement / The importance of Eschatology / Incarnation / The last days of Jesus / The Problem of Evil / Solutions to the problem of evil. <b>Christianity - Marriage and the Family:</b> Marriage / Sexual Relationships / Homosexuality / Family Types / Importance of Family / Support for families in the local parish / Contraception / Divorce / Equality for Men and Women / Gender Prejudice and Discrimination. <b>Christianity - Living a Christian Life:</b> Worship / Sacraments / Prayer / Pilgrimage / Festivals / Future of the Church / Local Church / Worldwide Church <b>Christianity - Matters of Life and Death:</b> Sanctity of Life / Origins of humans / Abortion / Euthanasia / Life after death / Natural World	
	Product Design	<b>Cabinet Practical:</b> Table Theory <b>Unit 4 Specialist Technical Principles</b> (Section B Exam): Forces and Stress / Improving Functionality / Ecological and Social Footprint / 6 R's / Scales of Production	
	Statistics	<b>Unit 2:</b> Stem and leaf diagrams / Pie charts / Comparative pie charts / Population pyramids / Histograms and frequency polygons / Cumulative frequency charts / The shape of a distribution / Histograms with unequal class widths / Misleading diagrams / Choosing the right format <b>Unit 3:</b> Summarising data / Averages Averages from frequency tables / Averages from grouped data / Transforming data / Geometric mean and weighted mean / Measure of dispersion for discrete data / Measures of dispersion for grouped data / Standard deviation	
	Food Technology	<b>Commodity 3:</b> Soya, tofu, beans, nuts, seeds AND <b>Commodity 4:</b> Meat, fish, poultry, eggs Preparation and practical cooking of commodity / Provenance / How commodity is grown/reared and processed / Classification / Nutritional values (include sources, / functions, deficiencies, excess, daily / requirements) / Dietary considerations / Food science <b>NEA Assessment 1 practice investigation:</b> Food hygiene and safety / Storage.	
	Computer Science	1 Binary and denary 2 Introduction to programming 3 Hex and Ascii 4 String manipulation and selection 5 Secondary storage and FDE cycle 6 Arrays and two D arrays	7 Operating systems and utilities 8 Loops, procedures and functions 9 Types of sorting algorithms 10 Malware 11 Python turtle 12 LAN, WAN and wireless technology
PERFORMANCE	Art	<b>Controlled Assessment (60% of overall GCSE) THEME = REFLECTIONS</b> GCSE Art is one continuing project throughout Year 10, pupils work independently, guided by teachers to develop their own skills and artistry. Work may differ slightly dependent on pupils' skills and interests. Spring Term Focus: Continue to develop "Reflections" coursework (60% of overall GCSE) and experiment with sunflower media work. Introduction to the work of Angela Faustina with pupils completing visual research and large-scale paintings of fruit (pomegranates and citrus fruits). Introduction to the work of Janet Fish, focussing on her "wrapped" fruit series.	
	Drama	<b>Component 2:</b> Devising Thematic Creation and performance of a monologue script from a stimulus of Black Mirror. <b>Component 1 and 3:</b> Blood Brothers. Responding to drama, knowing and understanding social, historical and cultural contexts including the theatrical conventions of the period in which the performance texts were created.	
	Physical Education	<b>Effects of Exercise on the Body:</b> Short term and long term / Components of fitness / Five components of fitness / Fitness Testing Practical <b>Applying the Principles of Training:</b> Types of training - Continuous / Circuit / Interval / HIIT / Fartlek / Weight	
	Music	<b>Music for Stage and Screen:</b> AOS Vocal Music - Killer Queen, 'Listening and Appraising' paper <b>Solo Performance:</b> GCSE recordings	