



# Swanshurst School

## Year 12 Curriculum - A Level Courses

Subject	Autumn Term Curriculum	Spring Term Curriculum	Summer Term Curriculum
<b>Art</b>	<p><b>Advanced Drawing</b> Developing perceptual and observational drawing skills</p> <p><b>Colour Theory</b> Developing colour theory knowledge and applying understanding to outcomes</p>	<p><b>Oil Painting</b> Introduction to oil painting techniques</p> <p><b>Portraiture</b> Exploring proportion and anatomy in realistic, expressive and non-representational portraiture in drawing and painting media</p>	<p><b>Critical and contextual</b> History of 20th century art movements. Surrealism informed film and personal outcomes</p> <p><b>Set task PPE</b> How to meet OCR assessment objectives and respond to given starting point</p> <p><b>Personal investigation &amp; related study</b> Exploring personal starting points</p>
<b>Biology</b>	<p>Cell biology Biological molecules</p>	<p>Exchange and mass transport Genetic information, variation and relationships between organisms</p>	<p>Both Spring Term topics continued Respiration</p>
<b>Business</b>	<p><b>Comp 1. Marketing and Finance:</b> Introduction to A Level Business and the concept of profit, Market types, Markets, Market research, Intro to Marketing Mix, Marketing and product including product life cycle and Boston Matrix.</p> <p><b>Comp 1. People &amp; Operations:</b> Enterprise, Business Structure, Business location, Changes in working practices, Workforce planning, Recruitment</p>	<p><b>Comp 1. Marketing and Finance:</b> PROMOTION, PRICE, PLACE, Marketing and Technology, Business finance and sources, Business finance and revenue and costs to include break-even, Budgeting.</p> <p><b>Comp 1. People &amp; Operations:</b> Appraisal, Workforce performance and organisational structure, People and organisational design, Motivation, Management and leadership.</p>	<p><b>Comp 1. Marketing and Finance:</b> Budgeting, Cashflow forecasting, PPE for Paper 1, Income statements, Ratio analysis, recaps and revision.</p> <p><b>Comp 1. People &amp; Operations:</b> Technology and production, Lean production, revision for PPEs, PPEs, Quality control, NS PPEs, Purchasing and stock control, R&amp;D, Economies of scale and survival of small firms.</p>



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<b>Chemistry</b>	Atomic structure Amount of substance Energetics Bonding Kinetics Introduction to organic chemistry Alkanes	Chemical equilibria Oxidation, reduction & redox equations Group 2 Group 7 Halogenoalkanes Alkenes Alcohols	Periodicity Organic analysis Equilibrium Constant K <sub>p</sub> Optical Isomerism
<b>Drama</b>	Introduction to A Level: exploration of key practitioners and texts. "Colder than Here" by Laura Wade: practical exploration	Live Theatre Evaluation: "Frankenstein" (National Theatre) Devised theatre: creating devised drama applying techniques of chosen practitioner, plus written portfolio (NEA)	Revision for PPEs "Woyzeck" by Georg Büchner: Practical exploration
<b>Economics</b>	<b>Theme 1:</b> Nature of economics, How markets work, Market failure, Government intervention	<b>Theme 2:</b> Aggregate demand, Aggregate supply, National income, Measure of economic performance (inflation, growth and employment, balance of payments)	<b>Theme 2:</b> Possible macroeconomic objectives, Demand-side policies, revision week, PPEs week, NS week, Supply-side policies, Conflict and trade-offs between objectives and policies.
<b>English Literature</b>	<b>The Great Gatsby:</b> F. Scott Fitzgerald <b>Love Through the Ages:</b> Pre-1900 Poetry	<b>Pre-1900 Poetry &amp; The Great Gatsby:</b> Writing Comparisons <b>Othello,</b> Shakespeare	NEA Piece <b>A Streetcar Named Desire,</b> Tennessee Williams Critical Theory
<b>Extended Project Qualification (EPQ)</b>	Deciding on an Appropriate EPQ Title Introduction to Secondary Research & Referencing, Research & Planning Methods	Collecting & Analysing Data & Secondary Research Writing Up Research Findings First EPQ Draft Written & Marked	Extended Project Completed & Marked



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<b>Geography</b>	Globalisation Tectonic Activity	Globalisation Shaping Places (Diverse Places) Coastal Environments	NEA Coastal Environments
<b>History</b>	<b>Tudors:</b> Henry VII <b>Russia:</b> Russian Revolution & the Russian Civil War	<b>Tudors:</b> Henry VIII <b>Russia:</b> The Rise of Stalin	Non-examined Assesment
<b>Maths</b>	<b>PURE MATHEMATICS:</b> Algebra Expressions, Quadratic Functions, Equations & Inequalities, Graphs & Transformations, Straight Line Graphs, Circles, Differentiation, Integration <b>APPLIED MATHEMATICS:</b> Data Collection, Calculation & Interpretation of Measures, Representation of Data, Correlation	<b>PURE MATHEMATICS:</b> Trigonometric Ratios, Vectors, Trigonometric Identities, Algebraic Methods, Exponential & Logs <b>APPLIED MATHEMATICS:</b> Probability, Statistical Distribution, Hypothesis Testing, Modelling in Mechanics, Constant Acceleration	<b>PURE MATHEMATICS:</b> Exponential & Logs, Algebraic Methods, Binomial Expansion <b>APPLIED MATHEMATICS:</b> Forces & Motion, Variable Acceleration, Regression & Correlation
<b>Further Maths</b>	Complex Numbers, Roots of Polynomials, Argand Diagrams, Sequences & Series, Matrices, Proof By Induction, Volumes of Revolution	Vectors, Momentum & Impulse, Work, Energy and Power, Elastic Collision in 1D, Discrete Random Variables	Poisson Distribution, Hypothesis Testing, Chi-Squared Testing Exam practice & reteaching
<b>Mathematical Studies</b>	Analysis of Data, Financial Maths, Modelling & Estimation, Critical Analysis	Normal Distribution, Confidence Interval, Correlation & Regression	Exam practice & reteaching
<b>Modern Languages</b>	Traditional & Modern Values, Cyberspace, Influence of Celebrities, Regional Identify	Equality of the Sexes, Cultural Heritage, (French – Volunteering)	Introduction to Work 1: Film Selection, IRP (Individual Research Project), Introduction & Focus



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<b>Physics</b>	Use of SI Units & Their Prefixes Particles, Progressive & Stationary Waves, Force, Energy & Momentum	Limitation of Physical Measurements, Electromagnetic Radiation & Quantum Phenomena, Refraction, Diffraction & Interference, Work, Energy & Power	Estimation of Physical Quantities, Wave-particle Duality, Refraction at a Plane Surface, Materials
<b>Product Design</b>	Design theory	Materials, skills and processes	Industrial and commercial practices
<b>Psychology</b>	Research Methods Approaches to psychology Biopsychology	Attachment Social influence Memory	Psychopathology Advanced Approaches Advanced Biopsychology
<b>Religious Studies</b>	Philosophical Issues Ethical Theories Six Key Beliefs	Evil & Suffering Environmental & Equality Ethics Sources of Wisdom & Authority	Religious Experiences Work of Scholars War & Peace Sexual Ethics Five Pillars of Islam
<b>Sociology</b>	Families & Households, Education	Families & Households	Methods

## Vocational Courses

Subject	Autumn Term Curriculum	Spring Term Curriculum	Summer Term Curriculum
<b>Applied Science Diploma</b>	<b>Unit 5:</b> Principles & Applications of Science II	<b>Unit 11:</b> Genes & Genetic Engineering	
<b>Applied Science Extended Certificate</b>	<b>Unit 1:</b> Principles & Applications of Science I	<b>Unit 2:</b> Practical Scientific Procedures & Techniques	



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<b>Applied Science Extended Diploma</b>	<b>Unit 7:</b> Contemporary Issues in Science <b>Unit 14:</b> Applications of Organic Chemistry <b>Unit 21:</b> Medical Physics Application		
<b>CACHE</b>	<b>Unit 5:</b> Play and Learning <b>Unit 16:</b> Professional Practice	<b>Unit 5:</b> Play and Learning <b>Unit 7:</b> Observation planning & assessment <b>Unit 16:</b> Professional Practice	<b>Unit 4:</b> Childs Health <b>Unit 7:</b> Observation planning & assessment <b>Unit 16:</b> Professional Practice
<b>Criminology</b>	<b>Unit 1:</b> Changing Awareness of Crime <b>Unit 2:</b> Criminological Theories		
<b>Digital Media</b>	<b>Unit 2:</b> Pre-production Documents & Planning a Digital Media Product	<b>Unit 3:</b> Media product <b>Unit 21:</b> Planning a pitch	<b>Unit 3:</b> Media product <b>Unit 21:</b> Planning a pitch <b>Unit 20:</b> Advertising media
<b>Food Preparation &amp; Nutrition</b>	Food Safety, Classification of Nutrients, Structure of Nutrients, Practical Lessons	Food Production Methods, Practice Practical Brief, Chosen Practical Brief – Planning, Practical & Evaluation	Practical Brief Continued  Exam Practice & Reteaching
<b>Health &amp; Social Care Extended Certificate</b>	<b>Unit 1:</b> Human Lifespan Development <b>Unit 2:</b> Health & Social Care Services		
<b>Health &amp; Social Care Diploma</b>	<b>Unit 7:</b> Principles of Safe Practice in HSC <b>Unit 14:</b> Physiological disorders		
<b>Health &amp; Social Care Extended Diploma</b>	<b>Unit 6:</b> Work Experience <b>Unit 10:</b> Sociological Perspectives <b>Unit 17:</b> Caring for Individuals with Dementia		



# Core Curriculum

Subject	Autumn Term Curriculum	Spring Term Curriculum	Summer Term Curriculum
<b>Personal, Social &amp; Health Education</b>	<b>Being Me in My World &amp; Healthy Relationships:</b> Sexting & Online Safety, Arranged Marriages, Honour-based Violence, Cultural Appropriation & Sexism	<b>Dreams &amp; Goals &amp; Healthy Me:</b> Debt & Money Management, Body Image & Mental Health, Drug/Alcohol Abuse, Contraception & Abortions	<b>Relationships &amp; Changing Me:</b> Pornography & Revenge Porn, LGBTQ & Relationships, Intimate Relationships, Representation in the Media