



Year 10 Subject Overviews

Art

In Year 10, Art and Design students will be following the Pearson Edexcel level 1/2 GCSE Art and Design specification (1AD0). Students will complete two different themed coursework projects which will contribute to 60% of their overall GCSE grade. The course has been designed for students to gain an understanding of exam criteria and assessment objectives whilst enhancing their skills. The projects are independent based studies around a given theme such as Portraits or Natural Forms.

Art Photography

In Year 10, Photography students will be following the Pearson Edexcel level 1/2 GCSE Art and Design specification (1PY0). Students will complete two different themed coursework projects which will contribute to 60% of their overall GCSE grade. The course has been designed for students to gain an understanding of exam criteria and assessment objectives whilst enhancing their skills. The projects are independent based studies around a given theme such as Portraits or Natural Forms. Students will study specialist photography skills such as use of DSLR cameras, shutter speeds, digital editing and developing own images.

Resistant Materials

In Year 10, we teach AQA Design & Technology 8552. Students will complete a practice NEA, (Non-Examined Assessment), which includes interpreting a context, writing a brief and specification and then following the iterative design process to design and manufacture a prototyped solution. Alongside this, students will complete theory units each term as follows; Term 1 - Unit 1: New & emerging technologies, Term 2 - Unit 5: Specialist materials area & Term 3 - Unit 3 Materials and their working properties, Term 3 Unit 6&7 Designing & Making Principles.

Engineering

In Year 10, we teach L1/2 Cambridge National Certificate in Engineering Design J841. Students complete two Units of work across the year. Unit R105 is an externally assessed examination about design specifications and user requirements. Unit R106 is a centre-based coursework task about product analysis and research where students will be provided with a product to analyse regarding the materials and processes used to manufacture the item.

Food and Nutrition

In Year 10, we teach AQA Food Preparation & Nutrition 8585. Students consolidate their knowledge of nutrition, diet and health through practical work and experimental tasks. All practical tasks are underpinned with knowledge of food science and nutritional needs.



Students learn about food safety and food provenance to prepare them for the NEA, (Non-Examined Assessment), in Y11.

Drama

In Year 10, students study the BTEC Level 2 Tech Award in Performing Arts (Acting). As part of their introduction to the course, students are introduced to different theatre forms/styles and specific practitioners. During Year 10 students also complete Component One of the course. In this component students explore different practitioners work within Drama and Theatre.

English

In Year 10, students begin the Edexcel English Language syllabus by detailing and finessing their analytical skills. Students first explore language and structure in a varied range of 19th century extracts and then develop their writing skills for an Imaginative Writing unit. This is followed by evaluating and comparing non-fiction texts. These skills are examined through internal GCSE Language exams towards the end of the year. Students then begin to study for the Edexcel Literature GCSE with a Post 1914 British novel or play, which assesses their ability to analyse an entire novel/play and apply contextual knowledge to their responses, and a 19th novel. Their end of year result is based on the most recent exam-styled assessment question, as well as the PPE 'mock' papers.

Geography

In Year 10, students study the AQA course (8035) and will develop the skills they need to succeed at GCSE. The subject content is split into four units: Living with the physical environment, Challenges in the human environment, Geographical applications and Geographical skills. In year 10 they will study Urban Issues and Challenges from the Human environment topic and coasts, rivers and energy resources from the Physical unit. Students will also undertake their fieldwork, a compulsory part of the course.

History

In Year 10, students study the AQA course (8145). The course is split into four units, three of which are covered in year 10. Firstly the students examine Germany 1890 – 1945 by looking in-depth at the transformation from a defeated and financially bankrupt country to a prosperous nation tempted by the Nazis and focused on war. The students then examine (Conflict and Tension 1918 - 1939) what was happening in Europe and how Britain explored a variety of options to prevent World War Two. The year ends with an investigation into Elizabeth I and how she changed the way poverty, religion and entertainment was seen in England. Students will also undertake a historical environment study on a particular element of the Elizabethan course.



ICT

In Year 10, pupils are studying a two-year course qualification (OCR Cambridge Nationals in Information technologies, J808). During the year, pupils are introduced to the stages of the project life cycle and how to plan an IT solution for a given purpose. They will develop their knowledge about different uses of information and know the different presentation methods of presenting information for others.

Maths

In Year 10, students continue their Edexcel 9-1 GCSE course by building on and extending topics studied in Year 9. Higher Tier students study: Equations and Inequalities, Probability, Multiplicative Reasoning, Similarity and Congruence, More Trigonometry, Further Statistics, and Equations and Graphs. Students following the Foundation Tier scheme of work study: Graphs, Transformations, Ratio and Proportion, Right-Angled Triangles, Probability, Multiplicative Reasoning, Constructions, Loci and Bearings, Quadratic Equations, and Graphs. Students continue to develop problem-solving skills appropriate to their tier of entry.

Media

In Year 10, students' study BTEC Level 2 Tech Award in Creative Media Production. In Year 10 Students are introduced to the Media Industry. Students begin to explore how to deconstruct Media images considering connotations and denotations. Students learn how to be able to analyze the mise en scene within moving images both within film and TV productions. Students continue to develop their analytical skills and apply it within their own work, as they plan and present their own films. Over the first-year students complete Component 1 and Component 2. Component 1 is a course work unit called Exploring Media Products. In this component students will have to deconstruct different Media products. Component 2 is a coursework unit called Developing Digital Media Production Skills. In this component students will apply their understanding of Media formats to develop, film and edit moving image.

Music

In Year 10, students study the BTEC Level 2 First Award in Music. In Unit 1 they prepare for an external exam based on the workings of the Music Industry, the sectors, organizations and roles within it and how they all link. Their exam is taken in early part of the Summer Term. Unit 4 is a composition unit where they have to compose in a number of styles to brief linked to Film and TV music.

Sport

In Year 10, Cambridge National (certificate in sports science) sport students complete two units. R041 is an examination unit based around injury in sport and how to reduce the risk of injuries. Students will also benefit from a small group session with a physiotherapist to help them prepare. In the second half of the year students will be working towards completing R042 – Applying principles of training, which is all coursework based. Within this



unit pupils are learning about the different types of fitness, how to assess levels of fitness and then how to apply certain training methods to address the weaknesses within those components of fitness.

Philosophy and Ethics

In Year 10, we study OCR Religious Studies 9-1 (J625) Component 1. This is a thought-provoking and stimulating course that covers topics of religious, philosophical and ethical nature. This is a 100% examined subject. Topics we teach in Year 10 centre around the beliefs, teachings and practices of both Christianity and Islam. This includes the study of the nature of God, eschatological beliefs and teachings, acts of worship, festivals and holy days and key formative practices, philosophy and moral decision making.

Combined Science

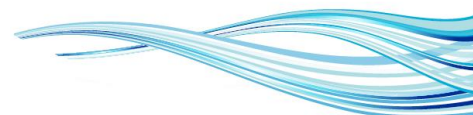
In Year 10, AQA Combined Science: Trilogy (8464) students will be completing most of the Biology, Chemistry and Physics modules with the remainder completed during the beginning of year 11. The units covered will be; Bioenergetics, Homeostasis and response, inheritance, variation and evolution, ecology, electricity, particle model of matter, atomic structure, forces, quantitative chemistry, chemical changes, energy changes, the rate and extent of chemical changes, organic chemistry, chemical analysis and chemistry of the atmosphere. They will be examined at the end of the year to consolidate their learning of the units. We will also develop students' investigative skills by doing required practical's which are now assessed in their external exams in year 11. These practicals are embedded in our scheme of work and are worth 15% of the final GCSE grade.

Triple – Biology

In Year 10, students will be following the AQA Biology Triple Science course (8461). Students will be continuing with their Biology units with an aim to complete these by the end of the calendar year allowing for revision starting in the spring term of year 11 or earlier if possible. The units they will be covering are; bioenergetics, homeostasis and response, inheritance, variation and evolution, and ecology. They will be examined at the end of the year to consolidate their learning of these units. We will also develop students' investigative skills by doing required practical's which are now assessed in their external exams in year 11. These practicals are embedded in our scheme of work and are worth 15% of the final GCSE grade.

Triple – Chemistry

In Year 10, students will be following the AQA Chemistry Triple Science course (8462). Students will be continuing their Chemistry units with an aim to complete these by the end of the calendar year allowing for revision starting in the spring term of year 11 or earlier if possible. The units they will cover are; quantitative chemistry, chemical changes, energy changes, the rate and extent of chemical changes, organic chemistry, chemical analysis and chemistry of the atmosphere. They will be examined at the end of the year to consolidate



their learning of the units. We will also develop students' investigative skills by doing required practical's which are now assessed in their external exams in year 11. These practicals are embedded in our scheme of work and are worth 15% of the final GCSE grade.

Triple – Physics

In Year 10, students will be following the AQA Physics Triple Science course (8463). Students will be continuing their Physics units with an aim to complete these by the end of the calendar year allowing for revision starting in the spring term of year 11 or earlier if possible. The units they will cover are; electricity, particle model of matter, atomic structure and forces. They will be examined at the end of the year to consolidate their learning of the units. We will also develop students' investigative skills by doing required practical's which are now assessed in their external exams in year 11. These practicals are embedded in our scheme of work and are worth 15% of the final GCSE grade.

Health and Social Care

In Year 10, students follow the Pearson/Edexcel Level 2 Tech Award (603/0395/5). Students complete two coursework units between September and May of year 10. Unit 1 is Human Lifespan Development across life stages and Unit 2 is Health and Social Care Services and values. Both units consist of two assignments. Students will then begin unit 3 which is a controlled assessment and is externally assessed. They will have their first chance at this exam in February of year 11 and if needed, another sitting in May.

Spanish

In Year 10, students continue with the AQA GCSE Spanish 8698 course which was started in Year 9 covering three themes, Theme 1 Identity and culture, Theme 2 Local, national, international and global area of interest and Theme 3 Current and future study and employment. In Year 10 students cover family and technology, leisure, towns, shopping, food and festivals. Grammatically the focus is on regular and irregular verbs in the Perfect Tense, regular and irregular verbs in the Future Tense, the Conditional Tense, demonstrative adjectives and the Passive. Equal emphasis is based on the four skill areas Listening, Speaking, Reading and Writing. These are all assessed at the end of each unit. There is a focus on speaking and writing techniques as well as recapping vocab on previous topics.

Beauty Therapy

In Year 10, students will complete two topics understanding the hair and beauty sector UV21578 where they will look at different hair and beauty businesses and the basic terminology used within the hair and beauty sector. The second topic is hair and beauty science UV21582, students will learn about the features and benefits of different ingredients in hair and beauty products and research the chemistry behind different ingredients.



Textiles

In Year 10, we teach Edexcel/Pearson Textile Design 1TE0. Textiles Design is a versatile course which allows students to develop their creativity through the creation, selection, manipulation and application of a range of materials. They will use fibres, yarns and fabrics and processes such as weaving, knitting, stitching and printing to create designs and products. During Year 10 students will develop their knowledge and understanding of a wide range of techniques to produce a portfolio which will act as preparation for their Year 11 assessed portfolio and the terminal practical exam.

Enterprise and Marketing

In Year 10, students are studying a two-year course qualification (OCR Cambridge Nationals in Enterprise and Marketing, J819). During the year, students will focus on the exam-based unit R064: Enterprise and marketing concepts. They will learn which factors to consider before starting a business and the main activities are needed in order to support a start-up business. Students will understand customer segmentation, how to target and retain customers and the techniques behind developing new products.