



ART AND DESIGN/ENGINEERING

Learning Sequence

KS3 Content

Brief Summary - Year 7 and 8 students will look at core skills in Art, design & Tech and will build on prior learning, students will build on existing skills and learn new skills such as formal elements, health and safety, introduction to workshop tools and basic cooking skills. Over years 7 and 8 students in Art will cover formal elements, portraits, Matisse, Machinemals, Day of the dead, Still Life and Surrealism. In Design Technology: students will cover in Food, Textiles and Design Technology, in Technology Projects include: making a series of coat pegs in different materials this involves CAD/CAM & in year 8 they will do a levers project which incorporates electrical components. In Textiles students will learn all the basics of sewing, embroidery, printing and dyeing and resist methods, this leads to the creation of a fish pencil case by the end of year 8, In food, students learn a range of cooking, making and baking techniques, they also cook a range of dishes from around the world, giving students an opportunity to make food and take it home.

Lessons are interactive, exciting and fun, delivered with demonstrations, examples and use of the smart boards, practical demonstrations and the IPEVO camera to show a new skill to a class live. Students will learn about art and design history, the live well plate, design principles, as well as a range of techniques and processes that will expand and push their creative boundaries in preparation for further study.

In Year 9, Students get to select from a range of options that will enable them to study one or more of our subjects in far more depth. Students can choose from Art, Textiles, Engineering and Hospitality.

In Art, students will develop skills in visual language and gain deeper knowledge of art history, students will spend more time on the key visual elements, and these will be put into more independent practice, students will work to one theme across the year called the natural, unnatural and the supernatural, students in this year are introduced to basic photography skills and also learn more in depth about sculpture.

In Hospitality, students will learn more in depth theory about where food comes from, they will learn about the hospitality and dangers of a kitchen students will also be able to prepare and cook more complex dishes including a



set menu of their choice. Students will have a more direct insight into the industries and will be able to make an informed choice about their career pathway.

In Textiles, students will develop skills in visual language while exploring a wide range of textiles techniques. They will learn about the applications of these techniques through examination of Textile and Art industries thus enabling them to make informed choices about their career pathway. There are 2 projects in Year 9 which encourage students to increase their level of skill and independence while providing an introduction to GCSE style methods of working.

In Engineering, students will learn far more about the machines and workshop techniques, students will have full introductions to software and more specialist equipment. Students will create ___ & _____. Students will learn more in depth electronics and CAD/CAM and will be able to apply this knowledge to products made, students will also get to know the theory content behind design in more depth, and this option will focus on skills required for Key stage 4



KS4 Content

Eduqas – GCSE Fine Art & GCSE Art Textiles



- Unit 1 Coursework 60% Unit 2 Externally set assignment 40%

Both courses components are identical, there are no written exams in any of these qualifications, the course consists of project work that is internally marked and externally moderated.

Students will create three sustained pieces as well as smaller responses in their sketchbooks/portfolios. Students taking textiles will produce a range of experimental pieces.

Lessons are experimental, innovative, creative and fun, this enables students will develop confidence by mastering new skills. Lessons are delivered with demonstrations frequently and use of the IPEVO to show a new skill to a class live is also a way we teach students processes and techniques. Students will learn more in depth about art history and movements of art, as well as a range of techniques and processes that will inspire them to go on a learning journey.

Students will learn how to write about their work and analyse work in a more detailed way and they will be encouraged to take their sketchbooks home to finish pieces and annotate their artwork. Students will develop their 3D & 2D skills, 2D relief, printmaking as part of the course and they will learn more in depth about the expected presentation at GCSE. There will be annual trips to exhibitions in years 10 & 11. Students will be encouraged to enter competitions and will have a dedicated board of work at the annual Art exhibition. Students will be able to apply for either a BTEC in Design or an A level in Fine Art or Photography.



Eduqas – level 1/2 Hospitality and Catering



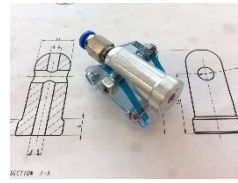
Unit 1: Theory exam. Students have 4 units of learning; LO1: Industry which covers job roles, contracts, types of establishments and standards and ratings. LO2: Kitchen Operation which looks at work flow, equipment, stock control, customer rights, documentation. LO3: Control Measures which covers health and safety. LO4; ill health, environmental health officer and food poisoning, allergies and intolerance.

Unit 2: Practical exam and Coursework. Pupils will be given an exam brief to prepare, cook and present two dishes with sides. These dishes will be high level skill and of restaurant standard. Coursework supports the practical exam but also looks at nutrients, comparing age groups and cooking methods.

Throughout year 9-11 pupils will develop high level skills through a number of dishes and have the opportunity to create their own dishes and experiment with flavours.



NCFE Level 2 in Engineering



Students will gain knowledge of the use of physics and problem solving, students will also choose an engineering product to disassemble and then students then re-create the product using a range of techniques. Students will learn how to use machinery in more depth and be able to use tools and materials with confidence. Students will be able to progress to A levels or college with this practical qualification.

Units that will be covered:

Unit 1 Exam

Paper: 1 hour 30 minutes

Unit 1: The Engineering World. Students had the opportunity to sit this exam in Year 10 (March 2020) prior to lockdown. The entire content has been taught and revision sessions will recap all areas before the March 2021 opportunity. All students who have not met their target grade will sit the exam in March 2021. *40% of Award*

Unit 2 Synoptic Project

Substantial problem solving task. Students will be provided with a Project Brief from NCFE in December 2020. Students must respond to the brief in 21 controlled hours, producing a portfolio of evidence which includes the development and testing of a working scale model. *60% of Award*