

SWCHS TECHNOLOGY & ART YEAR 9 OPTIONS 2022

A guide for students and parents that outlines each of the courses on offer for Year 9 students in Design and Technology and Art.

COURSE OVERVIEW

TECHNOLOGY

Within Technology there are 4 options that students can choose to study in Year 9. All four courses continue into GCSE in Year 10, with Product Design and 3D Design – Architecture also continuing into A Level.

At GCSE subjects indicated with # are specialist versions of a single Art GCSE specification. Students will be able to study **a maximum of two** of these subjects in Year 9, but will then have to opt for **only one** in Years 10 and 11

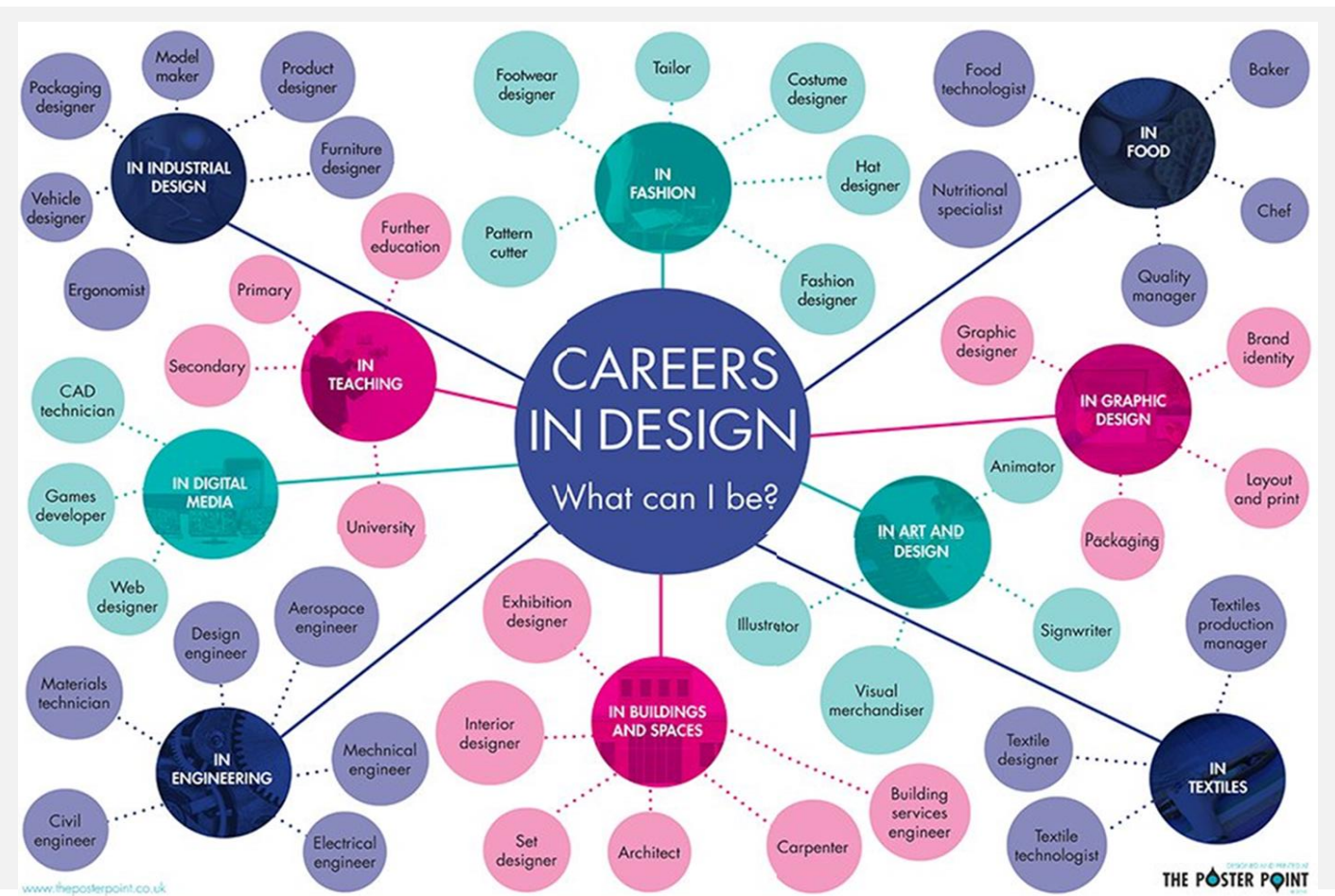
- PRODUCT DESIGN
- 3D DESIGN – ARCHITECTURE#
- TEXTILES#
- FOOD PREPARATION & NUTRITION

ART

Within Art there are 2 options that students can choose to study in Year 9. Both courses continue into GCSE in Year 10 and also to A Level.

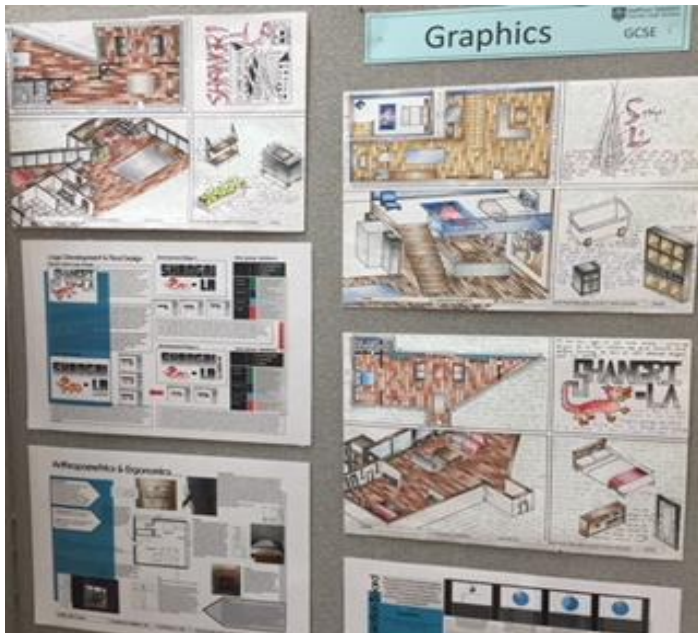
- ART CRAFT & DESIGN#
- 3D ART#

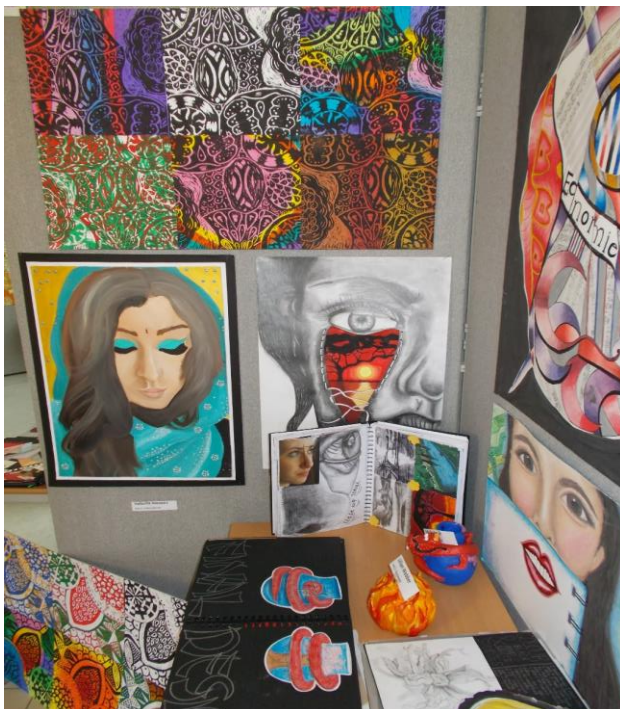
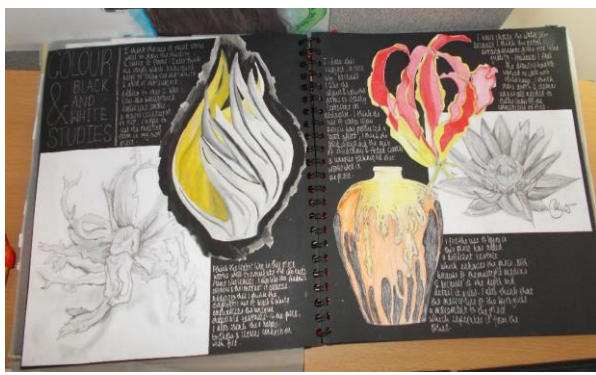
WHERE COULD DESIGN TAKE YOU?



THE DESIGN TECHNOLOGY AND ART EXHIBITION

At the end of Year 11, all GCSE and A Level Design and Technology and Art students get the chance to exhibit their Year 11 work at the SWCHS Design and Technology and Art Exhibition. This is a fantastic opportunity for students to showcase their work, and an opportunity for not only friends and family to see their talents and creativity on display, but a chance for professionals from the local area to see the fantastic work that our students produce!





Come and see the creative, innovative and high quality work that our Year 11 and A Level students produce at the Design Technology and Art Exhibition in May!

PRODUCT DESIGN

If you enjoyed **Timbers**, **Metals** or **Engineering** in Years 7 and 8 then this is the course for you!

What will I do in Year 9?

This fresh and exciting course builds on students' experience of Timbers, Metals and Engineering in Years 7 and 8, developing their skills and knowledge within these subject areas.

In Year 9, students work through a series of practical, user-centred projects where they design and make a series of innovative and creative products. Students get to work with a vast range of materials and machinery allowing them to explore and determine which material-based area they might want to opt for if they decide to continue this course at GCSE level.

GCSE Course Outline:

This course develops the knowledge and understanding of different materials and manufacturing processes in order to design and make, with confidence, prototypes in response to issues, needs, problems and opportunities. Students learn how to take design risks, helping them to become resourceful, innovative and enterprising citizens. Through the critique of the outcomes of design and technology activity, both historic and present day, students develop an understanding of its impact on daily life and the wider world and understand that high-quality design and technology is important to the creativity, culture, sustainability, wealth and wellbeing of the nation and the global community.

At GCSE students can choose to specialise in either Timbers or Metals as their main material focus of the exam element of the course.

Examination board: Edexcel

Year 10 content

In Year 10, students work through a smaller mock coursework project and a series of smaller focused practical projects where we build on skills and knowledge. In June of Year 10, students will embark on their Year 11 coursework working under a chosen design context set by the exam board. This coursework makes up 50% of their overall GCSE grade.

Year 11 content

In Year 11, students continue to work through their personal coursework project. Most of this year will be taken up completing this project through experiencing the full design process from the brief through to the design, development and manufacture of a final product(s). Once the coursework is completed, students move through a structured revision programme for the written exam which makes up the other 50% of the overall grade. The exam is then taken in the summer term.

Frequently asked questions:

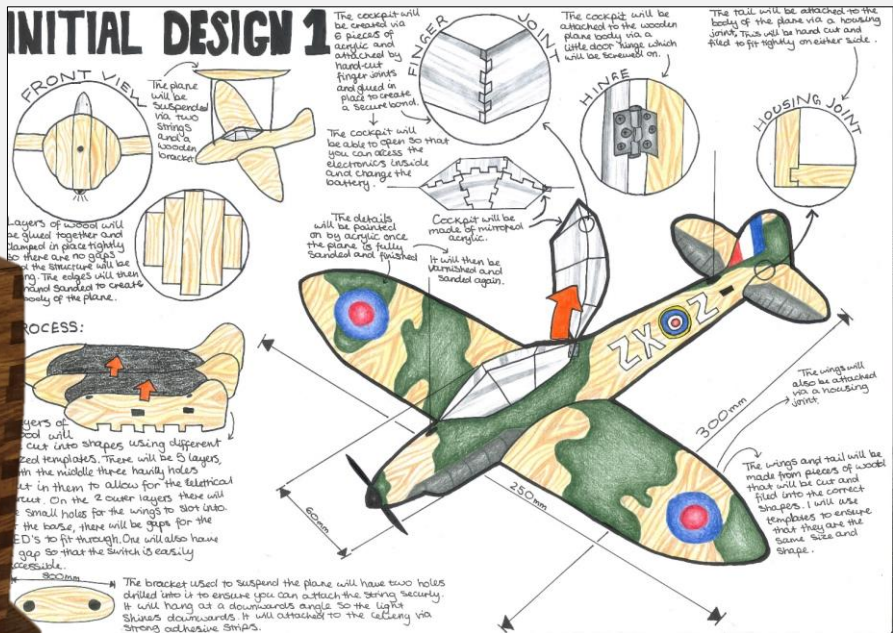
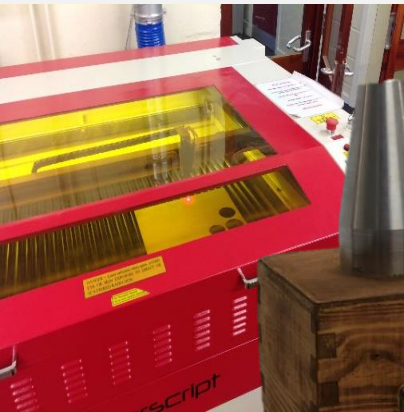
Q – Who can take this course?

A – Everyone! We cater for all learners and teach you everything that you need to know in order to succeed. All we ask is that you come with a passion and commitment for the subject and that you are prepared to work hard!

Q – How much time will I get to spend doing practical?

A – Lots! We know that our Product Design students love making, and whilst we have to cover some theory based knowledge, you will making products as much as possible in order to develop your practical skill set.

PRODUCT DESIGN



3 D D E S I G N – A R C H I T E C T U R E

If you enjoyed **Graphics** in Years 7 and 8 then this is the course for you!

W h a t w i l l I d o i n Y e a r 9 ?

This highly creative and forward-thinking course is based on three-dimensional design in the form of Architecture that builds on students' experience of Graphics in Years 7 and 8.

Throughout Year 9, you will work through the designing, prototyping, modelling and making of functional and aesthetic Interiors and Architecture. The course incorporates a combination of creative thinking and formally taught industrial techniques which students find fulfilling and rewarding. Through completing projects, a vast range of different skills and techniques will be experienced where students will have access to the use of the wide range of industry standard CAD/CAM programs and machinery. Reflecting how designers work in industry, you will have the opportunity to work within a team environment, as well as individually. Students will develop good communication skills in order to liaise with clients and to promote themselves as designers, should they continue this course in later years.

G C S E C o u r s e O u t l i n e :

There is direct progression onto our GCSE 3D Design course which continues to focus on the designing, prototyping, modelling and making of functional and aesthetic Interiors and Architecture.

Examination board: Edexcel

Year 10 content

In Year 10, students produce a personal portfolio in the form of a sketchbook with a three-dimensional model outcome. The coursework project comprises of a sketchbook, 3D Architectural model and portfolio pages. Students will complete a design and make project using an internally set assignment. This year we have used the theme of 'Natural Forms'. Students have produced a variety of sketchbook pages of research, design and development. Students have then used their inspiration, designs and development work to produce an Architectural model inspired by their theme.

Year 11 content

In Year 11, students work through a smaller mock coursework project around Compact Housing, where they are given the opportunity to have a trial run at producing a 3D Architectural outcome in controlled conditions.

Students are then given a set brief by the exam board and are asked to design and make a 3D outcome of their choice. Students create a sketchbook featuring research, designs and development work to help produce their final product. The final product is then made in a designated 10-hour exam period. Students are required to work independently in controlled exam conditions.

There is no written exam for this course.

F r e q u e n t l y a s k e d q u e s t i o n s :

Q – Who can take this course?

A – Everyone! We cater for all learners and teach you everything that you need to know in order to succeed. All we ask is that you come with a passion and commitment for the subject and that you are prepared to work hard!

Q – Do many girls take this course?

A – Yes, lots!

Q – Do we get to do lots of practical?

A – Yes, in each project taught across all years there is the opportunity to build!



TEXTILES

If you enjoyed **Textiles** in Years 7 and 8 then this is the course for you!

What will I do in Year 9?

Throughout Year 9, students work in sketchbooks and are taught a variety of art and designing techniques to help communicate their design intentions. Students experiment with different media, including photography and CAD to design and manipulate their own textile ideas.

Students also learn how to do various printed textiles, decorative techniques, fashion illustration and presentation techniques enhancing learning in years 7 and 8.

GCSE Course Outline:

The course is primarily fashion based and covers a variety of design and make projects. The course is suitable for all students and can be adapted to suit personal preferences i.e. menswear or womenswear. The course encourages creative thinking and allows students the freedom to explore their own personal influences.

Examination board: Edexcel

Overview

There is direct progression onto our GCSE Textiles course which continues to focus on the selection, manipulation and creation of new fabrics and uses a range of technical processes to create exciting practical outcomes.

Year 10 content

In Year 10, students begin their coursework in the form of a personal portfolio. The coursework project is comprised of a sketchbook, garment and portfolio pages. Students will complete a design and make project using an internally set assignment. Throughout the project students will produce a variety of sketchbook pages of research, designs and practical textile samples. Students then use their inspiration, designs and development work to make a corset or jacket inspired by their theme.

Year 11 content

In Year 11 students work through a smaller mock coursework project where they are given the opportunity to have a trial run at producing a garment/accessory in controlled conditions.

Students are then given a set brief by the exam board and are asked to design and make a fashion garment/accessory. Students create a sketchbook featuring research, designs, development work to help produce their final product. The final product is then made in a designated 10-hour exam period. Students are required to work independently in controlled exam conditions.

There is no written exam for this course.

Frequently asked questions:

Q – Who can take this course?

A – Everyone! We cater for all learners and teach you everything that you need to know in order to succeed. All we ask is that you come with a passion and commitment for the subject and that you are prepared to work hard!

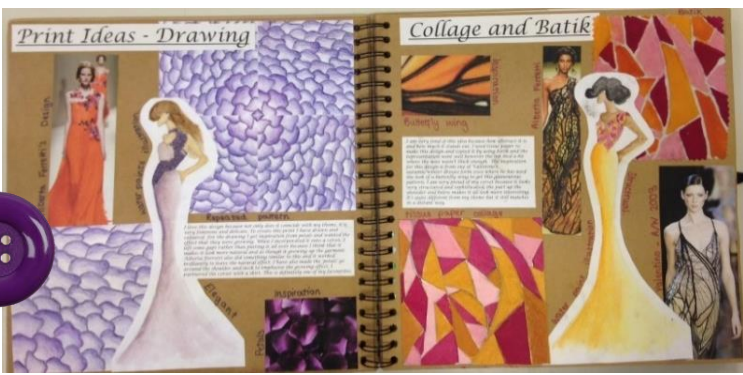
Q – Can boys take this course?

A – Absolutely!

TEXTILES



WOMENSWEAR...



MENSWEAR...



FOOD PREPARATION & NUTRITION

If you enjoyed **Food** in Years 7 and 8 then this is the course for you!

What will I do in Year 9?

Leading on from Food Technology in Years 7 and 8, our fresh and exciting Food Preparation and Nutrition course equips students with an array of culinary techniques, as well as knowledge of nutrition, food traditions and kitchen safety.

Throughout Year 9, students will develop a whole range of creative designing and making skills and gain technical knowledge and understanding relating to food products and the body's need for food. Whilst practical skills are an important focus of the Food Preparation and Nutrition course (we deliver a lot of cooking in Year 9) we also begin to introduce students to knowledge in the following key areas: Food, Nutrition and Health, Food science, Food safety, Food provenance and Food choice.

This course will inspire and motivate students, opening their eyes to a world of career opportunities and giving them the confidence to cook with ingredients from across the globe!

Please note that parents need to be willing to provide ingredients on a regular basis and that students will need to practise their cooking skills at home in order to develop and extend their practical ability.

GCSE Course Outline:

This is a subject with a great variety of content where students are given the opportunity to work both independently and as part of a team, investigating foods, developing culinary skills and techniques, exploring elements of food science, use of ingredients and nutrition. Students will be actively encouraged to explore food provenance, the diversity of foods available and their application in creating a wide variety of dishes.

Examination board: AQA

Year 10 content

In Year 10, students will investigate nutrition in detail, spending time learning about the special dietary requirements of different groups and looking at the consequences of diet-related health issues. Students will develop their understanding of food safety and hygiene, food provenance, production and processing and further scientific principles involved in food preparation. They will need to be creative in their choice of dishes, possess independent practical skills and have excellent personal organisation and analytical skills in order to enhance their experience and attainment.

Year 11 content

In Year 11, students begin the coursework which is divided into two separate tasks; A Food Investigation completed in the autumn term and a Food Preparation assessment completed in the spring term. Together these are worth 50% of the grade. Once the coursework is completed, students will revise for the written exam which makes up the other 50% of the final GCSE grade.

Frequently asked questions:

Q – Will I get to do much cooking?

A – Yes! We know that our food students love to cook and although we do cover some theory knowledge, Year 9 is mostly about developing practical cookery skills.

FOOD PREPARATION & NUTRITION



ART CRAFT AND DESIGN

What will I do in Year 9?

Year 9 focuses on developing skills and confidence as artists through experimentation and personal inquiry. The course focuses on building experiences with a wide range of drawing, painting and print making processes, as well as investigating diverse and interesting artists.

The year 9 experience focuses on fostering a love of the subject whilst developing skills, creativity and an inquiring mind. During the workshops and practical tasks there is a real focus on creativity, problem solving, critical thinking and learning how to communicate through the visual language of Art. The work undertaken is fun, exciting and developed from a range of starting points.

The course encourages the development of a personal response using a wide range of materials, processes and techniques including drawing from observation and imagination, painting, experimental print making, collage, mixed media and photography. You will also explore how to compile and present work through imaginative use of sketchbooks and design sheets, as well as how to evaluate and annotate

GCSE Course Outline:

Overview

Throughout the GCSE course there are opportunities to visit galleries and museums to build an appreciation of art and design as well as providing a springboard for new projects.

Year 10 content

During Year 10 the themes include natural forms and 'Still Life and Cubism'. The natural forms project focuses on drawing, painting and designing using a wide range of media; developing ideas into print. The Cubism project focuses on painting, mixed media, collage and developing the experience of working on a larger scale.

Year 11 content

Year 11 includes a cultural theme, the project focuses on 3D design, developing clay sculptures. The second part of year 11 consists of the externally set task, set by AQA. This consists of a 'lead in period' followed by a practical exam. The GCSE Art course provides an excellent opportunity for students to follow specialist pathways in creative Arts subjects; teaches the required drawing, painting skills, creative understanding and aesthetic appreciation to successfully progress onto A Level courses.

GCSE Course Outline

EXAMINATION BOARD – AQA

Component 1: Coursework 60% of GCSE award

Component 2: Externally set non exam assessment 40% (set by exam board)

ART CRAFT AND DESIGN



3 D A R T

Year 9 Course Outline

The 3D foundation course focuses on developing their skills and confidence as artists through experimentation and personal inquiry. The course focuses on building students experience with a wide range of drawing, designing and making processes, as well as investigating diverse and interesting artists to inform their ideas. The year 9 experience focuses on fostering a love of the subject whilst developing skills, creativity and an inquiring mind. During the workshops and practical tasks there is a real focus on creativity, problem solving, critical thinking and learning how to communicate through the visual language of Art. Students undertake fun, exciting and investigative work from a range of starting points to assist in building strong foundation of skills, knowledge and understanding. The course will allow students to develop a personal response using a wide range of three-dimensional materials, including clay construction, wire, card and modrock. Students also explore how to compile and present their work through imaginative use of sketchbooks and design sheets, as well as how to evaluate and annotate their own work.

Overview

Throughout the GCSE course there are opportunities to visit galleries and museums to build an appreciation of art and design as well as providing a springboard for new projects. The GCSE course focusses on the continued development of subject knowledge and fostering independent creativity across a range of coursework projects with a focus on making three-dimensional works of Art.

Year 10 content

Year 10 projects are based on the theme of 'natural form's and 'Sculptural heads'. The natural forms project focuses on drawing and designing range of media and developing ideas three dimensional ceramic pieces. The sculptural project focuses on clay construction techniques, glazing and decorative techniques for ceramics.

Year 11 content

The year 11 project is based on a cultural theme, the project focuses on three-dimensional design, developing clay and other three-dimensional materials. The second part of year 11 consists of the externally set task, set by AQA. This consists of a 'lead in period' followed by a practical exam conditions. The GCSE Art course provides an excellent opportunity for students to follow specialist pathways in creative Arts subjects; teaches the required drawing, painting, creative understanding and aesthetic appreciation to successfully progress onto A Level courses. Studying three-dimensional Design provides an excellent platform to further study at university in all creative subjects. Art courses offered within the art department provide a high level of specialist support and challenge for students of all abilities. The GCSE 3D Art course teach a high level of practical skills, a vast array of media and creative processes whilst celebrating individual creativity, embracing experimentation and independent learning.

EXAMINATION BOARD – AQA

Component 1: Coursework 60% of GCSE award

Component 2: Externally set non exam assessment
40% (set by exam board)

3 D ART

