Name Of course: GCSE DESIGN AND TECHNOLOGY
Exam board: EDUQAS
Teachers: Mr R Nines and Miss S Williams
Faculty Leader: Mr I Wright
Faculty leader emails: i.wright@decschool.co.uk

How the course is assessed:
Component 1: Design and Technology in the 21st Century

- Written examination: 2 hours
- *50% of qualification*
- A mix of short answer, structured and extended writing questions assessing candidates' knowledge

This component draws on knowledge gained since Year 7 and will include:

- Design and technology and our world
- Smart materials
- Electronic systems and programmable components
- Mechanical components and devices
- Materials

Pupils are required to study all of the content in these five areas, to ensure they have a broad knowledge and understanding of design and technology, enabling them to make effective choices in relation to which materials, components and systems to utilise within design.

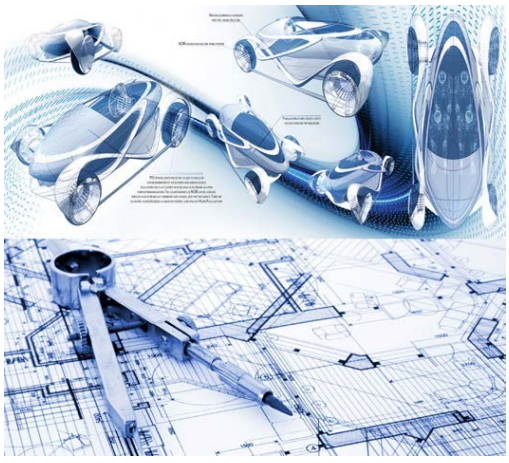
Pupils will develop in-depth knowledge and understanding of one further area. For pupils choosing the Textiles route, this material will be Fibres and Fabrics; for those choosing the Resistant Materials route the materials will be wood, metals and plastics.

Component 2: Design and make task

- Non-exam assessment: 35 hours
- *50% of qualification*
- A sustained design and make task, based on a contextual challenge

The NEA task is a design brief set by the exam board, which will be completed as the course progresses. The task will allow students to display their practical skills to design and make a practical product using fibres and fabrics, or wood, metal and plastics. They will produce a sketchbook of evidence to support their creation alongside a formal portfolio.

Outline of the course: Further develop your design and creative skills byusing a range of materials and techniques to produce a wide range of products leading to the production of your final product in Year 11.

Potential career pathways that could lead on from this course:

- Building trades
- Motor vehicle maintenance
- Engineering
- Product design
- Interior design
- Fashion design
- Fashion retail