Name Of course: GCSE DESIGN AND TECHNOLOGY (RM/Textiles)
Exam board: EDUQAS
Teachers: Mr R Nines (Resistant Materials) and Miss S Williams (Textiles)
Faculty Leaders: Mr Feenan
Faculty leader emails: bfeenan@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 and that they are able to make effective choices in relation to which materials, components and systems to utilise within design and make activities.

Pupils will then 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 at a later date. 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 designing and making skills using 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:

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