

GCSE 3D Design

GCSE 3D Design opens the door to a dynamic, hands-on subject where practical creativity meets real-world problem-solving. You'll explore woodwork, model-making and a wide range of materials, developing the confidence to turn imaginative ideas into professional-quality outcomes. The course encourages bold innovation, helping you understand how manufacturing processes and CAD design processes used in the engineering industry can elevate your work from concept to creation. As you experiment with exciting design concepts, you'll build the skills and mindset needed to shape the products, structures and environments of the future. You will explore how designers create and test models to make a working prototype as well as making your own high-quality models to represent design ideas.

Students are encouraged to work independently to prepare ideas for a portfolio and develop their creative skills by using their imagination and intuition when exploring and creating works. They will be challenged to self-reflect and take risks with their work whilst developing their own style.

Programme of Study & Assessment (AQA)

Components	Component name	Requirements	Duration	Weighting
1	Portfolio	1 Unit of Coursework	Four terms	60%
2	Externally set task	1 Unit of Set Task	10 hours	40%

Assessment

Students will be assessed in 2 components as follows:

In Component 1 (portfolio) pupils develop responses to initial starting points, project briefs or specified tasks and realise intentions informed by research, the development and refinement of ideas and meaningful engagement with selected sources. Responses will include evidence of drawn designs for different purposes and needs and written annotation.

In Component 2 (externally set assignment) pupils respond to a starting point provided by AQA. This response provides evidence of the pupil's ability to work independently within specified time constraints, realise intentions that are personal and meaningful and explicitly address the requirements of all four assessment objectives.

Useful Links

[GCSE Art and Design 8205 | Specification | AQA](#)