



# 3D Design GCSE

<https://www.aqa.org.uk/subjects/art-and-design/gcse/art-and-design-8201-8206/subject-content/three-dimensional-design>

Course Title	Exam Board	Specification Code	Heads of Department
Three Dimensional Design	AQA	8205	Mr Pasierkiewicz

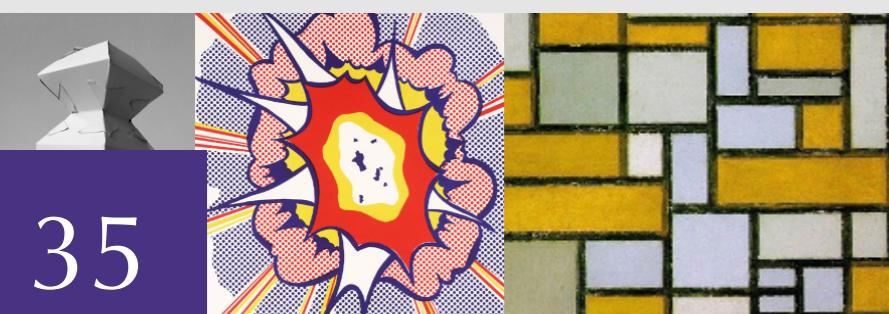
**Course Information** 3D Design is a very popular choice at GCSE; with many of our students enjoying creative and practical work. On the course, you will gain experience of a range of practical skills under the guidance of highly skilled professionals. You will learn how to draw and design ideas in order to make exciting 3D outcomes. This course is predominantly course work based, culminating in a 10 hour controlled practical test at the end of the course. There is no formal written exam.

**Skills/Aptitude Required** You should have an interest in learning manual skills and an aesthetic eye. You need to be practically minded and interested in:

- Design and research
- Developing ideas and drawing
- How things work and are put together
- Building and making

You need to be hardworking and committed to your work with a flare for innovative and contemporary products.

**Next Steps** If you are practical and enjoy drawing, designing and making or are considering a career in the creative or construction industry as a craftsman or artisan furniture/object designer maker this is the option for you!



## The Course in Depth

**Year 9 Topics Covered** Year 9 topics create a strong foundation of practical skills and knowledge in order for students to develop high quality coursework in Years 10 & 11.

- Drawing for Design
- Designing for making
- Manipulating paper and card to create maquettes and models
- Woodworking skills for the construction of simple joints etc
- Workshop machines and hand tools
- Casting methods
- Plastics and metal

**Year 10 Topics Covered** Year 10 builds on previous skills and develops further skills in:

- Drawing for Design
- Designing for making
- CAD
- Plastics and related machinery including laser and vinyl cutting
- 2D Design computer programmes
- Casting methods including:
  - Concrete and plaster
  - Mold making
  - Vacuum forming

**Year 11 Topics Covered** Year 11 students will develop three-dimensional pieces and further explore ideas and skills from their previous learning. They will develop proficiency in a variety of materials and will use a range of drawing, collaging, printmaking and modelmaking skills to design their 3D maquettes, ready to make final outcomes.

**Internal Assessment** Coursework is 60% and the Exam is 40% of the marks for the final grade. The exam and coursework will measure how students have achieved the following assessment objectives:

AO1: Develop ideas through investigations, demonstrating critical understanding of sources.  
AO2: Refine work by exploring ideas, selecting and experimenting with appropriate media, materials techniques and processes.

AO3: Record ideas, observations and insights relevant to intentions as work progresses.  
AO4: Present a personal and meaningful response that realises intentions and demonstrates understanding of visual language.

**External Assessment** In Year 11, you complete the coursework or NEA (Non-Exam Assessment) and in January you will receive your exam paper. You will get to choose ONE of the questions and develop your ideas, culminating in a 10-hour exam. Don't panic, this is done over several days.

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AO2: Refine work by exploring ideas, selecting and experimenting with appropriate media, materials techniques and processes.  
AO3: Record ideas, observations and insights relevant to intentions as work progresses.  
AO4: Present a personal and meaningful response that realises intentions and demonstrates understanding of visual language.

*Note: The images on the left relate to past and current projects. However, some projects may change, to allow the students to have an even broader experience.*