

# AQA Design & Technology

**50% Coursework  
in Year 11**

**50% Exam  
100 marks**



# AQA Design & Technology

GCSE Design and Technology will prepare students to participate confidently and successfully in an increasingly technological world. Students will gain awareness and learn from wider influences on Design and Technology including historical, social, cultural, environmental and economic factors. Students will get the opportunity to work creatively when designing and making and apply technical and practical expertise.

## 2 Specification at a glance

This qualification is linear. Linear means that students will sit all their exams and submit all their non-exam assessment at the end of the course.

### 2.1 Subject content

1. Core technical principles (page 9)
2. Specialist technical principles (page 19)
3. Designing and making principles (page 28)

### 2.2 Assessments

Paper 1
<b>What's assessed</b> <ul style="list-style-type: none"><li>• Core technical principles</li><li>• Specialist technical principles</li><li>• Designing and making principles</li></ul> <p>In addition:</p> <ul style="list-style-type: none"><li>• at least 15% of the exam will assess maths</li><li>• at least 10% of the exam will assess science.</li></ul>
<b>How it's assessed</b> <ul style="list-style-type: none"><li>• Written exam: 2 hours</li><li>• 100 marks</li><li>• 50% of GCSE</li></ul>
<b>Questions</b> <p><b>Section A – Core technical principles (20 marks)</b> A mixture of multiple choice and short answer questions assessing a breadth of technical knowledge and understanding.</p> <p><b>Section B – Specialist technical principles (30 marks)</b> Several short answer questions (2–5 marks) and one extended response to assess a more in depth knowledge of technical principles.</p> <p><b>Section C – Designing and making principles (50 marks)</b> A mixture of short answer and extended response questions.</p>

# Exam - 50%

## 2.2 Assessments

### Paper 1

#### What's assessed

- Core technical principles
- Specialist technical principles
- Designing and making principles

#### In addition:

- at least 15% of the exam will assess maths
- at least 10% of the exam will assess science.

#### How it's assessed

- Written exam: 2 hours
- 100 marks
- 50% of GCSE

# NEA - 50%

## Non-exam assessment (NEA)

### What's assessed

Practical application of:

- Core technical principles
- Specialist technical principles
- Designing and making principles

### How it's assessed

- Non-exam assessment (NEA): 30–35 hours approx
- 100 marks
- 50% of GCSE

### Task(s)

- Substantial design and make task
- Assessment criteria:
  - Identifying and investigating design possibilities
  - Producing a design brief and specification
  - Generating design ideas
  - Developing design ideas
  - Realising design ideas
  - Analysing & evaluating
- In the spirit of the iterative design process, the above should be awarded holistically where they take place and not in a linear manner
- Contextual challenges to be released annually by AQA on 1 June in the year prior to the submission of the NEA
- Students will produce a prototype and a portfolio of evidence
- Work will be marked by teachers and moderated by AQA

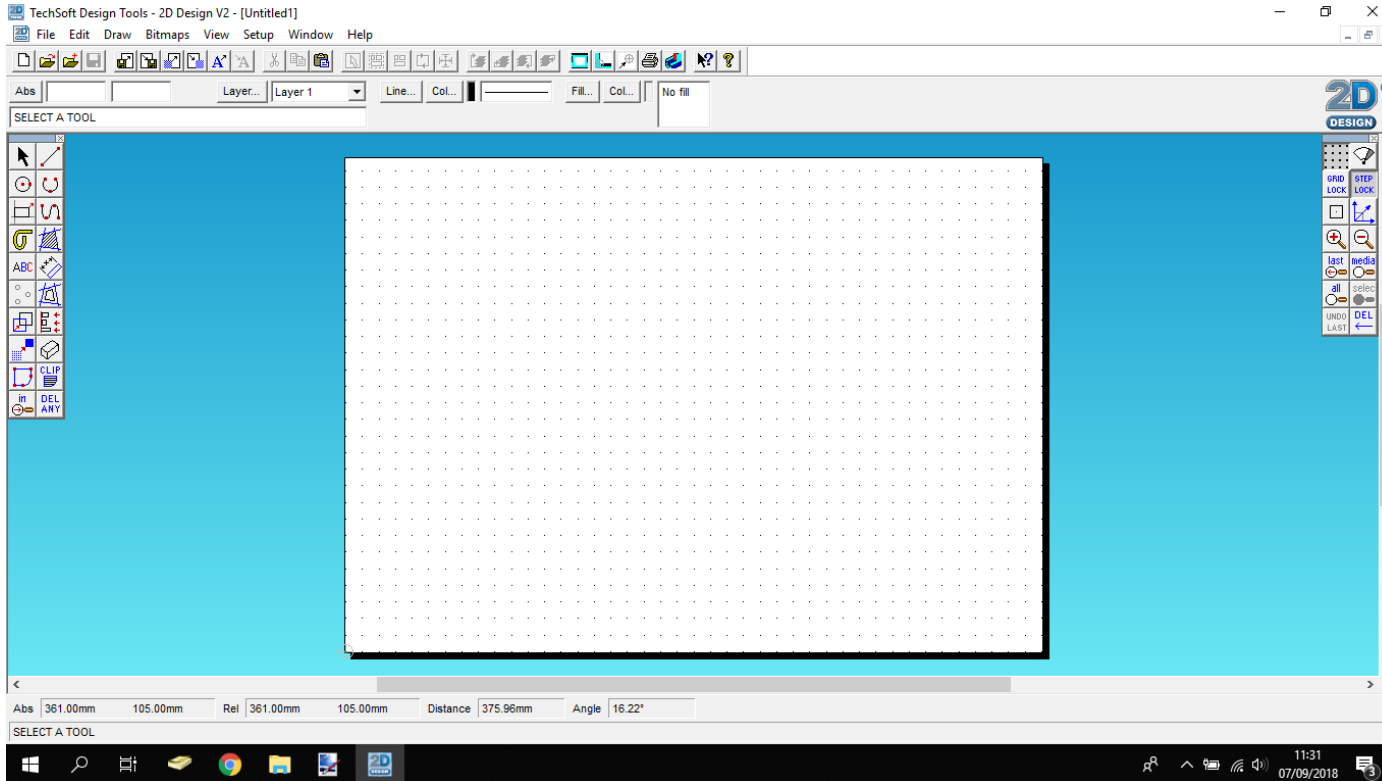
# What careers can I go into?

Design skills and the ability to visualise new ideas can be useful in many job families such as marketing, sales and advertising, arts crafts and design, broadcast media and performing arts, journalism and publishing, construction, as well as engineering and manufacturing.

- Architecture
- Advertising
- Photography
- Product Design
- Game Design
- Fashion
- Illustration

- Animation
- Film & TV production
- Tattoo Artist
- Museum Curation
- Fine Artist (painting, sculpture, etc.)
- Web/App Design

# 3D CAD drawings



# 2D Challenge

Start with a rectangle 40mm  
by 50mm

