

# Examination outline

## Introduction

Remember that an examination is only one component of your continuous assessment. While examinations are important, your Technology examination should not be viewed as an obstacle but rather as an opportunity for you to express creatively your understanding of the course work.

So, chill a little, prepare wisely, ground yourself for concentration and be confident in your own ability. This outline aims to guide you in your study.

## Exam structure

The examination is in three sections and will last for one hour. Take with you pens, pencils rubber and ruler.

**Section I** 10 multiple choice questions worth one mark each. The questions will explore your understanding of the components of the stages of the Design Process and how you have applied this to your own designs.

**Section II** Short answer questions based on a design in practice. Your knowledge of form and function, perspective drawing and the use of scale will be tested.

Extended response question requiring you to use the design process to develop ideas to a design problem, particularly clarify the problem and generate ideas.

## The Design Process

### **Stage 1: Clarify the problem**

Analyse the brief  
Consider all factors  
Criteria for success  
Time plan

### **Stage 2: Research and investigate**

### **Stage 3: Generate ideas**

Brainstorm using mind maps, word association, inspiration, lateral thinking.  
Thumbnail sketches: quick concept sketch to develop and progress your ideas.

### **Stage 4: Plan and produce**

Work out final design using scale drawings, material and cutting lists, making models and/or prototypes.

### **Stage 5: Marketing**

### **Stage 6: Test and evaluate**

Test if your design works as intended and evaluate. Evaluate against the Criteria for Success

## Need to know

- Bauhaus
- Set design
- Design Process
- Safety issues
- Perspective drawing