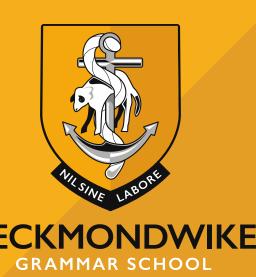
Design & Technology



KS5 - Year 12 Curriculum Overview

Topics being taught

Theory

Autumn Term

- Unit 5: Material and components considerations.
- Unit 7: Material processes.

Practical (Product Study)

- Exploring a project context.
- Sketching initial ideas.
- Development of ideas.
- CAD prototype modelling of final idea.

Practical (Furniture Project)

- Workshop health and safety.
- Prototype modelling.

What you will be assessed on

A Level Benchmark Assessment **Stepping Stone Assessment**

- End of unit test: Unit 5: Materials selection
- Progress Grade: Quality of project submission (Product Study).

Milestone Assessment

- End of unit test: Unit 7: Material Processes
- Progress Grade: Quality of mid term project submission (Furniture Project).

How you can support at home

Independent Reading: Chapter 5 Material/component considerations.

Independent Reading: Chapter 7 Manufacturing processes/techniques...

Independent project work: Product study

Independent Revision: Unit 5 and Unit 7.

CHRISTMAS HOLIDAYS - CHRISTMAS HOLIDAYS - CHRISTMAS HOLIDAYS - CHRISTMAS HOLIDAYS

Topics being taught

Theory

- Unit 7: Material processes
- Unit 4: Design communication

Practical (Furniture Project Cont.)

- Prototype modelling.
- Presentation of ideas.

Practical (IKEA Project)

- Exploring a project context.
- Sketching initial ideas.
- Development of ideas.
- CAD prototype modelling.
- Prototype modelling of final idea.
- Presentation of ideas.

What you will be assessed on

Stepping Stone Assessment

- End of unit test: Unit 7: Material processes.
- Progress Grade: Quality of project submission (Furniture Project).

Milestone Assessment

- End of unit test: Unit 5; Unit 7; and Unit 4: Design communication
- Progress Grade: Quality of project submission (IKEA Lighting Project).

How you can support at home

Independent Reading: Chapter 7 Manufacturing processes/techniques..

Independent Reading: Chapter 4 Design thinking and communication.

Independent project work: Furniture project and IKEA lighting project.

Independent Revision: Unit 7 and Unit 4.

EASTER HOLIDAYS - EASTER HOLIDAYS - EASTER HOLIDAYS - EASTER HOLIDAYS - EASTER HOLIDAYS

Topics being taught

Theory

- Unit 1: Identifying Requirements
- Unit 2: "The work of others"

Non Exam Assessment (NEA)

What you will be assessed on

Stepping Stone Assessment

- End of unit test: Unit 1: Identifying Requirements.
- Progress Grade: Teacher assessed grade (NEA).

Year 12 Finals Assessment

- A Level Paper 1: Principles of Product Design.
- Progress Grade: Teacher assessed grade (NEA).

How you can support at home

Independent Reading: Chapter 1 Identifying Requirements.

Independent Reading: Chapter 2 "The work of others".

Independent project work: NEA

Independent Revision: Units 1-2, 4-5, and 7