

Design Technology Curriculum Map: Year 10

You will learn about:

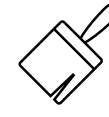
- Drawing
- Taking photos
- Computer aided design
- Workshop skills

You will learn how to add fixtures and fittings and then applying an appropriate finish at the end of the project.

You will learn how to use modern manufacturing methods.

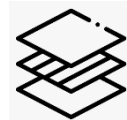
- Laser cutting
- 3D printing

AUTUMN TERM



Project 1: DESIGN & MAKE DIARY

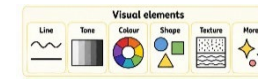
You will learn and practice the key skills needed for your 3D Design GCSE



You will explore a range of materials, how you join them and how to finish them.

1 Look carefully

Look at the visual parts of art.



SPRING TERM

Project 3 Exam Project COMPONENT 1 Part 1

SUMMER TERM



Use the skills from your Design & Make Diary



In this project, you will need to find solutions to the problem of storage and organization of your belongings.

Project 2: STORAGE DESIGN

- Do some drawings
- Make a model
- Plan your make

Ideas

- Try some different options
- Does it need to lock?
- Do it need to be easy to get put things in?
- Would it be better if it had music or lights?

2 Use drawing

Use drawing when it helps.

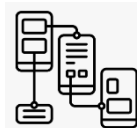


Make a list of your belongings

- What size are they?
- Which ones do you use often?
- Look at other types of storage
- What have other designers done?



- Investigate what you are interested in
- What are the places you need to know about?
- Who does work like this?
- Who else likes it?



3 Explore ideas

Drawing helps you try out ideas.



4 Share ideas

Drawing helps you show your ideas clearly.



What could you make it with?
Can you cut it, bend it, shape it?

- Do some drawings
- Plan your make
- Make a model



Make it and paint it



Final message
Think about line, tone, colour, shape and texture.
Use drawing to explore and communicate ideas.

Remember



look



visual elements



drawing



ideas