

Subject: Design Technology

Year: 8

Unit 1 – Textiles Drawstring bag

Technical Knowledge

- Parts of the sewing machine
- Paper and board sources and properties
- Safety in the workshop and use of sewing machines

Design and Make

- Secondary research of a cultural theme
- Develop a range of ideas
- Sewing machine skills and textile processes
- Finishing processes
- Design and make swing tag

Evaluate

- Evaluate and refine ideas and products taking into account the views of others

Unit 2 – Polymer Clock project

Technical Knowledge

- Polymers sources and properties
- Hand tools and equipment
- CAD/CAM

Design and Make

- Design movement timeline
- Design movement research
- Rendering skills
- Design development based on chosen designer
- Use specialist hand tools and equipment to form and shape material
- Finishing processes

Evaluate

- Analyse the work of past professionals
- Evaluate and refine ideas

Ludus Admirandus