The Ellesmere Port C of E College

Part of the Frank Field Education Trust

# Year 7 Design & Technology - Timbers Key Keeper Manufacture Learning Programme 2

The LORIC skill focus for his LP is: ORGANISATION
The Moral Virtues focus for this LP are: COMPASSION and HONESTY

Compassion - the quality of feeling pity and concern for the sufferings or misfortunes of others.
Honesty - the quality of being truthful.

**What will I be learning about in this Learning Programme?**
To plan the stages of manufacture for my project using a flow chart. To assess the risk of working with tools and equipment before selecting them to make my timbers key keeper. To know how to use workshop tools correctly and safely.

**Where have I seen this learning before?**
You will build on your learning from the last Learning Programme in which you were introduced to working with timbers in the D&T workshop.

**What could I use it for?**
You can use timber materials to manufacture products in design & technology over your next 7 years; you will apply your knowledge of timbers in the GCSE Design & Technology exam. You can use hand tools to repair and create timber items your everyday life.

**Literacy:**
- Capital letters must be used at the start of sentences and for the first letter of proper nouns
- Full stops must be used at the end of a sentence
- Question marks must be used at the end of a question
- Apostrophes should only be used for possession or omission
- Days of the week and months must be spelled correctly
- Key words must be spelled correctly

| In LP2.1, I will know: 19/10/26 - (WK 2) | Key Vocabulary | Homework |
|---|---|---|
| how to plan the stages of my key keeper manufacture;<br>what flow chart symbols represent in a flow chart. | Flow chart | Complete a flow chart planning task. |
| **In LP2.2, I will know: 02/11/26 - (WK 1)** | **Key Vocabulary** | **Homework** |
| the dangers that can exist in the workshop;<br>how to complete a risk assessment so that I can work safely with tools in the workshop. | Risk assessment | Safety in the workshop task. |
| **LP2 RLW, I will: 09/11/26 - (WK 2)** | | |
| review my learning, recalling and applying key knowledge, and focus on closing any gaps in my knowledge. | Revise | Use revision techniques to prepare for summative assessment. |
| **In LP2.3, I will know: 16/11/26 - (WK 1)** | **Key Vocabulary** | **Homework** |
| how to use a try square to accurately mark out for cutting;<br>how to use a tenon saw to cut straight lines.<br><br>Extended Task. | Try square | Describe the stages of using a tenon saw safely. |
| **In LP2.4, I will know: 23/11/26 - (WK 2)** | **Key Vocabulary** | **Homework** |
| how to use the coping saw or scroll saw to cut out my keyrings. | Coping saw | Describe the stages of using a coping safely. |
| **In LP2.5, I will know: 30/11/26 - (WK 1)** | **Key Vocabulary** | **Homework** |
| how to use files, abrasive paper and sanding disk to smooth and finish the edges of timber. | Abrasive paper | Describe the stages of using a scroll safely. |
| **In LP2.6, I will know: 07/12/26 - (WK 2)** | **Key Vocabulary** | **Homework** |
| how to use the pillar drill to create the hole on my keyring.<br><br>Extended Task. | Pillar drill | Describe the stages of using a pillar drill safely. |
| **In LP2.7, I will know: 14/12/26 - (WK 1)** | **Key Vocabulary** | **Homework** |
| why timbers require a surface finishes and be able to identify timber finish types;<br>how to apply a finish to improve the appearance and properties of my key keeper. | Material finishes | Describe a range of timber finishes and their uses. |

PRT Task 1

PRT Task 2

**Resources to support learning:**
The following websites contain extensive revision material and information to increase design & technology subject knowledge:
www.mr-dt.com;
www.bbc.co.uk/bitesize.

**FFET Award Challenge for this Learning Programme:**
Design a health & safety in the workshop poster to inform new pupils into D&T how to work safely.