

Lesson Plan

Cabinet Making - Hand Skills



Lesson plan - 2hrs

AIM:

Developing your hand skills so as not to be too reliant on machines and power tools.

ACTIVITY:

Work through the photos with descriptors, discuss the top tips and how they might impact the practice piece, then produce the task to the best of your ability.

Suitable for

Learners undertaking: Level 2/3 qualification.

Resources needed

1. Video & LMS access (link)
2. Task brief
3. Marking criteria/scheme
4. Infrastructure List
5. H&S Checklist

Skills

Attention to detail, accuracy, focus, reflection, self-belief and drive.

Learning outcomes

After completing this module, learners will be able to:

- recognise the importance of hand skills to improve their techniques and knowledge
- cut a commonly used joint without the use of machines
- understand the importance of small details that may normally be overlooked.

Delivery modes

1. Learners can go through the online materials independently, either at your facilities - if you have access to enough computers - or at home in their own time.
2. You can download and print all relevant resources, access the video demo and deliver the activity in the classroom.

Section	Timings	Key teaching points
Lesson Plan	10 minutes	<p>Introduce the topic of hand cut joints and the importance of have the skills.</p> <p>Discuss the following 'Top tips':</p> <ul style="list-style-type: none"> • practise sawing perfectly straight and square on a spare piece of timber • make sure not to oversaw or undercut shoulders • take the mitring slowly, taking off even slightly too much will result in gaps in the joint and will not give a clean crisp result • be sure to cut the correct side off the mitres • take your time. Speed will come with practice; it's not a race. Plenty of time has been allowed for the task • when checking your work, always look for things being wrong rather than things being right. This will avoid overlooking issues and aid improvement.
Photos and descriptors demonstration	25 minutes	Look over the photos with descriptors demonstration and have the learners take notes, paying close attention to the top tips, potential problems and how their skills could be improved along with accuracy and speed.
Task Brief (below)	10 minutes	Familiarise learners with the task. Plan out all processes and have the tools required to hand.
Infrastructure & H&S checklist	10 minutes	Prepare for the activity by ensuring all equipment is ready to use, timber machined out and that all H&S checks are in place.
Task Completion	50 minutes	Get learners to complete the task by following the instructions on the task brief.
Marking criteria	15 minutes	Marking sheet provided to record learners' scores. Do not forget to feedback to WorldSkills UK.

Additional info:

Preparation:

- make sure that you have printed all of the resources
- ensure you have access to the technology to play videos and access LMS
- ensure learners have access to the required drive to create folders and save files.

Differentiation/meeting individual needs

You may need to support some learners who do not have access to the right technology or do not have internet access.