

SKILL-BUILD

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PRACTICE AND PREPARATION INSTRUCTIONS

Carpentry

Interpret drawings

Spend time studying your drawing before setting out your work on the drawing board.

If you have any questions about the provided documents, ask questions during the judges briefing or anytime during the competition.

You will be penalised 1% mark per additional piece of wood required so try to work carefully and accurately.

PPE – Use Personal Protective Equipment appropriately

You will be required to wear safety boots / shoes during the competition.

Ensure you have all the necessary tools and that they are fit for purpose

Work through your processes in your head and along with your tutor check the tools list and ensure that you have everything you need and that it is in good working condition. Don't blame your tutor if anything is missing. Your toolkit is YOUR responsibility. Putting the kit together correctly will save you time during the competition. Ensure that all your cutting tools are sharp and cordless screwdriver battery fully charged.

Set out project on the drawing board

Double check all dimensions, you only need to draw enough to enable the project to be completed, this is usually the end view of a rafter, wallplate and ridge.

Mark out the wood taking measurements from the drawing

Transfer the lines, plumb cuts, birdsmouths etc. from the drawing to the wood. Joints on square joints can be marked directly on to the timber.

Prepare the wood

Cut the wood using saws, chisels, and plane. Accuracy is important! Before assembly the internal joints are assessed by the judges for flatness accuracy and overcutting.

Assemble the project

Screw all the parts together accurately, use clearance holes pilot holes and countersink.

Most of the marks for the project are for accuracy, the dimensions are measured and the gaps in the joints are checked.

Do not use glue and do not sandpaper joints after assembly.

Clean the project

Rub off all unnecessary pencil marks and inform the judges that the project is complete. The judges will assess the cleanness, if all members are in place and the neatness of screw holes.

Keep the work area clean and tidy

Make sure you always work in a tidy manner, place offcuts in the bin provided and tidy your bench often.

Work in a safe manner

As above, try to keep all required PPE on as you work. Care should also be taken not to endanger those working close by, keep the floor area clean and remember to use hand tools in a safe manner.