

Student Checklist

.....
 has completed the course “Working with timber”.

I have worked with them through the course and I have seen them complete the exercises and activities I have marked on this checklist.

Tutor name signed

Choosing Timber

For their own area, village or island, the Student can:

- Identify the types and sizes of timber available
- Say where the timber comes from
- Understand the good and bad things about different timbers
- Choose suitable timber for a job.

Using tools

For each type of tool, the student can:

- Identify the basic tools available
- Choose the best tool for a job
- Correctly use the tools for simple jobs

Measure and marking tools

- Identify tape measures, rulers, squares and pencils.
- Say what each tool is used for.
- Measure length and width.
- Measure and mark timber for sawing square.
- Mark a piece of timber to be sawn at a 45 angle.
- Check for square, level and plumb.

Saws

- Identify cross cut and back saws.
- Say when to use each type of saw.
- Use each saw correctly and safely to:
 - Saw across timber and saw along the grain.
 - Cut timber accurately along marks.

Hammers

- Identify the types of hammer available.
- Say which hammer is best for working with timber.
- Use a hammer correctly and safely to:
 - Drive a nail square into timber.
 - Drive a nail skew (angle nail) into timber.
 - Pull out a nail.

Chisels

- Identify the types of chisels available.
- Say what each type is used for.
- Use a chisel correctly and safely to cut and trim wood accurately from joints:
 - using hand pressure and
 - using a mallet.

Hand drills and Brace-and-bit

- Identify what type of drill and bits are available.
- Say what each type is used for.
- Change and fit the correct drill bit for a job.
- Use a hand drill and brace correctly.
- Drill holes accurately to size and depth.

Clamp and vices

- Identify what types of clamp or vice are available.
- Say how to use each one safely and without damaging the timber.
- Use a vice or clamp to hold timber to a bench.

Joining timber

The student can:

- Identify the common types of timber-joint.
- Choose the correct joint for a job.
- Make these joints accurately and correctly:
 - Butt joints
 - Lap (or Halving) joints
 - Housing (or dado) joints.

- Identify types of fixings for timber.
- Choose the correct fixings for a job.
- Fix simple joints correctly and safely using:
 - Nails
 - Screws
 - Bolts.

Measuring from plans

The student can:

- Say why plans are important.
- Read simple construction plans.
- Say the difference between nominal and actual sizes.
- Work out the amount and cost of timber for a simple plan.
- Measure and mark timber to fit a plan.