

Name _____

Class _____

Date _____

By the end of this worksheet I can...

- ☐ choose and use the right saw: tenon, coping, rip, cross-cut or panel
- ☐ choose and use the right plane: jack, smoothing, block, rebate, plough, bull-nose
- ☐ use chisels, spokeshave and hand router safely
- ☐ drill holes without splintering

I DO

Worked example Read how a full-mark answer is built

A shelf bracket has a curved front edge.

1 Name two hand tools used to cut and then smooth the curve. (2 marks)

Full-mark answer each ✓ is one mark

Coping saw to cut out the curve ✓. Spokeshave to smooth the curved edge ✓.

Why marks are not awarded

"Coping saw and a file."

1 mark: a file isn't the hand tool expected to smooth a curved wooden edge.

WE DO

Guided practice Use the starters and word bank to help you

A wooden mirror frame has a groove cut along the inside edge to hold the back panel.

2 Name the hand plane used to cut the groove. (1 mark)

Sentence starters

1. ...

Word bank

Plough plane

Tip: 1 marks = 1 separate, developed points.

YOU DO

On your own No notes. Check your answers afterwards.

3 Quick check: tick one box for each.

a) Which plane cuts a groove for a drawer base?

- ☐ Plough plane ☐ Jack plane ☐ Block plane ☐ Smoothing plane

b) What should you strike a chisel with?

- ☐ Mallet ☐ Warrington hammer ☐ Claw hammer ☐ Spanner

c) Why does a tenon saw have a heavy back?

- ☐ To make the saw heavier so it cuts faster ☐ To protect your hand from the teeth ☐ To decorate the saw and show the maker ☐ To keep the thin blade stiff and straight

d) Which two hand tools would cut and smooth a curved edge?

- ☐ Tenon saw and jack plane ☐ Coping saw and spokeshave ☐ Panel saw and chisel ☐ Rip saw and file

4 Key terms: write the letter of the matching description next to each term.

1. Coping saw	_____	A Cuts a groove along the grain
2. Tenon saw	_____	B Cuts a rebate (step) along an edge
3. Plough plane	_____	C Cleans up rebates right into corners
4. Rebate plane	_____	D Cuts curves and removes waste from joints
5. Bull-nose plane	_____	E Straight accurate cuts for joints; stiff back
6. Spokeshave	_____	F Shapes and smooths curved edges

A pupil is drilling through a piece of pine with a hand drill.

5 Describe how to stop the wood splintering on the underside. (1 mark)

A rebate needs cleaned up right into the corner of a frame.

6 Name the plane used. (1 mark)

A stopped housing has been sawn and chiselled.

7 Name the tool used to level the bottom of the housing to an even depth. (1 mark)

Check and reflect

Mark your answers with the answer sheet. Go back to the checklist on the site and re-rate each “I can” statement above. Which one still needs work?
