



THIS WEEK'S TOP TURNING

ALEX found a magical block of swamp kauri on the back shelf and look what lay hidden inside.

The outcome was well worth the trouble it took to sand this ultra- gummy customer.



RICHARD can find bits of swamp kauri too only this bit was discovered in the waste bin.

“One man’s rubbish can be another man’s treasure”

ATTENTION ALL MEMBERS who have paid their fees for the current courses.

As you are financial you are invited to attend the Saturday morning turning sessions

SATURDAY MORNING - 13th July

OPEN WORKSHOP

9.00 am to 12 noon



Of course I can smile!
Look what I made. This is my very first pen.

A “write” good job. Goodonya **DON**.



MALCOLM looks after his fine feathered friends with this bird feeder.

The little fellas can eat without getting wet or sunburnt.

The pen making process (Steps and stages) applicable to most pen types. For our first pen we will be making a “cigar” pen.

NOTE: IT is vitally important that your lathe has been aligned for this project.

To get you well on the way I have completed steps 1-18 for you.

You will start at **step 19** – complete a pen – then **do steps 1-18 yourself.**

1. Select an interesting **hardwood** for your pen. I will have a variety of suitable woods ready for you.
2. Trim the wood into a **20-25m square section** and about **110-120 mm long.**
3. Open your pen kit and layout the parts as per the cigar pen diagram shown. **Ensure all parts are present.**
4. **Set the brass tubes aside** (the cigar pen has two 10mm tubes - one longer than the other)
5. Use the band saw to cut the wood about **6mm longer than each of the tubes** - one **long** and one **short.**
6. Place the wood squarely into **pin jaws.**
7. Drill a **10mm** hole right through each of the lengths. *Here’s why your lathe must be aligned.*
8. **Scuff each** of the brass tubes with coarse sandpaper (this action helps the glue to adhere to the brass)
9. Use a **potato plug** to block each end of the brass tubes (stops the glue from getting inside the brass)
10. **Dab glue onto each tube** over the scuffed brass.
11. **Quickly insert the long tube into the long length of wood.**
12. **Now insert the short tube into the short length of wood**
13. Make sure the brass is **well inside the hole in the wood** and not sticking out the ends.
14. Carefully trim the wood at each end leaving about **1mm above the brass tube.**
15. Mount a **barrel trimmer** into a Jacob’s chuck and set at lathe speed three (approx. 570 rpm)
16. Use your “\$200.00 tool” to **push out the potato plugs**
17. Load one of the wood lengths onto a 10mm trimmer and **square face each end.**
(demonstration here)
18. Now **square face the other** length of wood

FOR OUR **FIRST PEN** WE WILL START HERE at Step 19. Your next pen starts at Step 1

19. OK push a pen mandrel into the headstock. Load with “cigar” bushes and both brass-inserted lengths of wood.

20. You **MUST** follow the diagram on your instruction sheet for the correct mandrel loading procedure.
21. Use a 10mm gouge to reduce your square section wood a cylinder. **No 6 speed** (demonstration)
22. Trim right down to “**just a tad**” above each of the four bushes. (What does a “tad” measure?)
23. Begin the sanding procedure. **Start with 240 grit - Use lathe speed Number 2.**
24. Use the **nine-step micro-mesh system** to sand your pen blanks (demonstration)
25. *(reserved for next week’s introduction of nylon cones)*
26. After the **NEAGE approach** has been applied use **EEE** to prepare the wood surfaces for a finish.
27. **Apply your preferred finish and buff** to a shine.
28. Now **carefully follow the assembly steps** as described in your instruction sheets.
29. Well done your pen is **now finished.**

NOTE: The use of nylon cones is a useful idea and this step will be introduced next week when we will be making a “SLIMLINE” pen.

OK now go back to Step 1 and work your way right through to step 18.



PEN
MAKERS
completed
Steps 19 –
29

They all
look
pleased
with their
turning
outcomes
too.

Left to right: NICOLE - CLEO - ANNE - QUINTON