



# Woody's World

1st June 2023



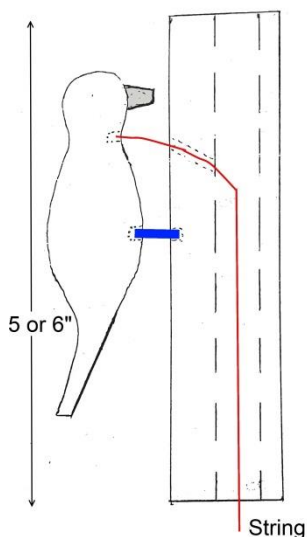
## Woodpecker Door Knocker

This evening Roger Gilbert showed us how to make a novelty door knocker.

It is made of two basic parts: the resonator body and the bird. The basic design is shown on the diagram on the right: the bird is fixed to the body by a small spring (in fact a short length of net curtain wire), and a string is threaded up through the body and out through an angled hole then glued on to the bird.

Starting with the body, the first thing to do is bore a  $\frac{1}{2}$ " hole all the way through (in fact the larger the hole the more it should resonate), then turn it down to about  $1\frac{1}{2}$ " diameter. Drill 2 holes: 1 at an angle for the string, and 1 to take the spring. At this point it can be embellished if desired (Roger burnt a couple of rings in top & bottom).

Now sand and finish and part off.



The blank for the bird can be a piece of plain wood but Roger used a laminated piece (pine centre and walnut edges) to give it a bit more character.

First turn the blank to a round and then mark the high and low points (here a template is useful) and shape the body.

[Whilst using the skew, a remark was made from the floor that it makes it easier to get a good planed finish if you adjust the tool rest to be just above the centre line.]



Sand, finish, and part off above the head.

Holes are now drilled in the bird corresponding to the holes in the body: 1 for the string and 1 for the spring. Lastly, finish shaping the tail with a plane.

Make a small beak of very hard wood (Roger used ebony) and glue it to the head (CA glue). Make a small striker plate (ebony again), and glue it into a recess in the body cut with a small forstner where the beak will strike.

Fix the bird to the body using the spring (glued in to the corresponding holes). Thread the string up through the body, though the angled hole, and glue into the small hole in the front of the bird.

To finish the body, make and fit 2 caps – the bottom one will need a hole through which to pass the string.

Lastly, make a small toggle to fit on the bottom of the string.

*Wise words spoken to Roger when he was but a lad: "the roughing gouge is 3 tools in 1: the centre is the roughing gouge, and the outer edges are your 2 skewes"*





## Future meetings

The club depends on members volunteering to do demonstrations. Without volunteers the club will die. **Please let Dave know what you can do.**

## Forthcoming Meetings

Meetings normally are on the first Thursday in the month except when there are elections. Meetings start at **7pm**.

Subject	Demonstrator	Date
Sharpening & skew basics		6 <sup>th</sup> July
Pole Lathe turning (TBC)		3 <sup>rd</sup> August
Open Evening		7 <sup>th</sup> September
Fishing Floats	Andy Smith	5 <sup>th</sup> October
Back to basics	Roger Gilbert	2 <sup>nd</sup> November
Christmas items		7 <sup>th</sup> December
Segmented Turning	TBD	TBD

***If you have any requests or ideas for future meetings,  
please mention it to Dave Simms.***

## Committee

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