

# woody woodpecker

Project for GAW 2018 Christmas Social



Make this for the kids or as an executive toy?



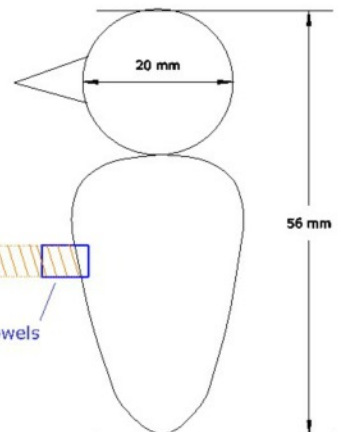
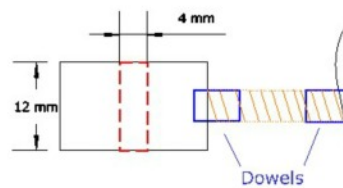
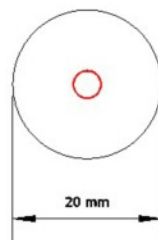
Woody woodpecker delights young and old as he pecks his way down the wire ( just liberate a coat hangar). The wooden parts including woody are made from sycamore but any moderately hard wood would serve.

The slider (black) has a hole in the middle which has a diameter about 1 mm wider than the thickness of the wire.

This allows the slider to move freely down the wire without jamming. If the hole is too wide the whole assembly will just fall to the base.

There is a spring which connects the slider to the bird and it is this component which produces the familiar pecking motion.

Plan of slider



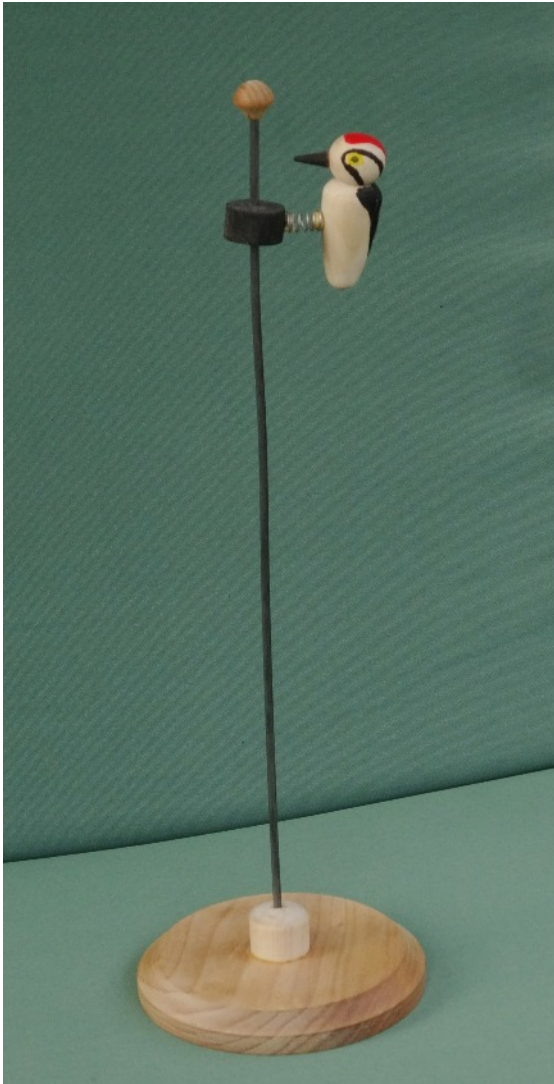
Choose a spring about 15 mm long which is not too stiff relative to the weight of the bird.

If you do not have a suitable spring an assorted pack can be obtained on Ebay for a modest sum

The dowels are attached to both the bird and the slider as shown on the plan.

The dowels push fit inside the spring. Try to get an interference fit, a dab of super glue also helps. Apart from anchoring the spring the dowels also reduce the tendency for the bird to droop. (If the bird droops it looks less realistic in my view).

**For the GAW Christmas Social the height of the wire should be no more than 300 mm**



Apart from the base the components are turned between centres. The wooden stop at the bottom of the wire brings Woody to rest in an upright position. The knob at the top of the wire provides eye protection and finishes off the project. A touch of acrylic paint brings Woody to life

See Woody in action on youtube



<https://youtu.be/BLsnr9YzYgc>

Or Google Youtube THEN “ woodturning woody woodpecker”