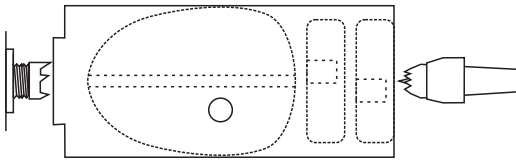


Woolly Worm

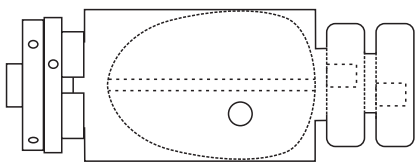
Demonstrated by Ian Connelly

This project requires two pieces of wood, a length of dowel (12mm dia recommended), 1.2 metres of string and embellishments of your choice. Have your string and select a suitable drill bit for that before starting the project.

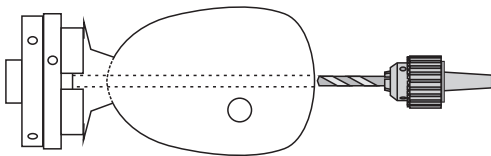
Part 1 - Head and Wheels



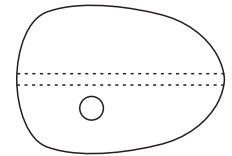
Start with a block of wood that is 80 x 80 x 180mm long. Drill a hole to loosely fit your selected dowel 88mm from the planned headstock end and 25mm from one side. Mount the wood between centres, turn it to round and put a chuck bite on the headstock end.



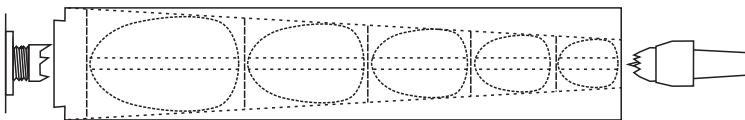
Mount the wood in a chuck. Turn the outer 52mm down to 65mm diameter to make the wheels. Start the parting cuts between the wheels. Shape the tyre of the first wheel. Sand this tyre and the face of the wheel. Part it off. Repeat this action for the second wheel. Drill the axle holes in the wheels 5mm off-centre and not through the wheel.



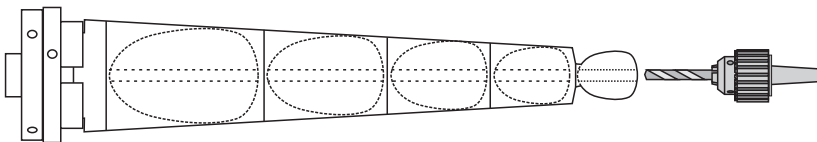
Drill a hole that will allow the string to move freely completely through the wood. Shape the wood, sand, apply decoration, finish all this surface. Part the wood off and hand-sand the parted end.



Part 2 - Five Segments for the Body

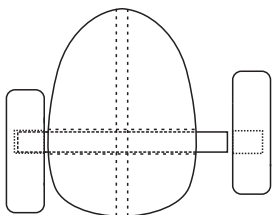


Start with a block of wood 60 x 60 x 300mm long. Mount it between centres and make it round. Cut a chuck bite in one end.

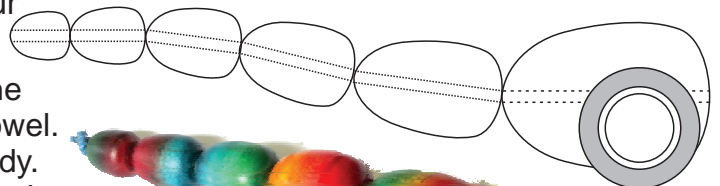


Mount it in a chuck. Shape the wood so that it is 60mm diameter at the headstock end and 25mm at the tailstock end.

Put pencil marks around the wood at 17mm from the headstock end, then a further 83mm, then 65, 55, 45 and 35mm. Drill the string hole in for just the length of the end segment. Not into the next segment as a slight wander of the drill hole will make an off-centre start to the hole in the next segment. Shape, sand, decorate and part off the end segment. Dress the end of the wood and create a start point for the next drill hole. Drill, shape, sand, decorate and part off each of the next four segments in the same manner.



Glue one wheel to the end of a length of dowel. Put it through the body. Mark and cut the length required. Glue the second wheel on.



Thread the string. Tie a knot at the tail end. Pull it tight. Tie a knot at the head end and keep the rest as the pulling string.

