

Maypole Teddy

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Information

This toy is designed to be made using either machine or hand tools. It is intended as a nursery toy, it works by having a round about of teddies or other objects suspended from ribbon on a central post. As the roundabout is turned one way the ribbon wraps around the pole, once released the natural tendency is for the ribbon to unwrap using the weight of the roundabout for momentum. As a result the roundabout will travel backwards and forwards (as well as up and down) until the stored energy is used up.

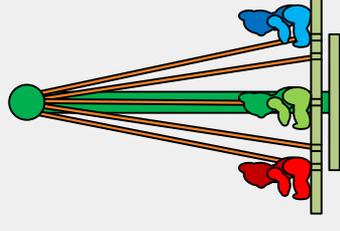
To add additional detail it is a good idea to round/shape as many of the edges as possible this increase the 3D impact of the model.

The toy is easy to make requiring no measurement unless you wish to increase or decrease the size of the final product . To cut the sections I would suggest printing the plan out and attaching it to the material using contact spray adhesive then simply use it as your layout to cut around

Plan By : Kenneth Moore

TOOLS

- Computer/Printer
- Threat Saw / Band saw / Hand saw
- Carving tool
- Sand Paper
- Spray Adhesive
- Scissors
- Paint
- Ribbon
- Wood Adhesive

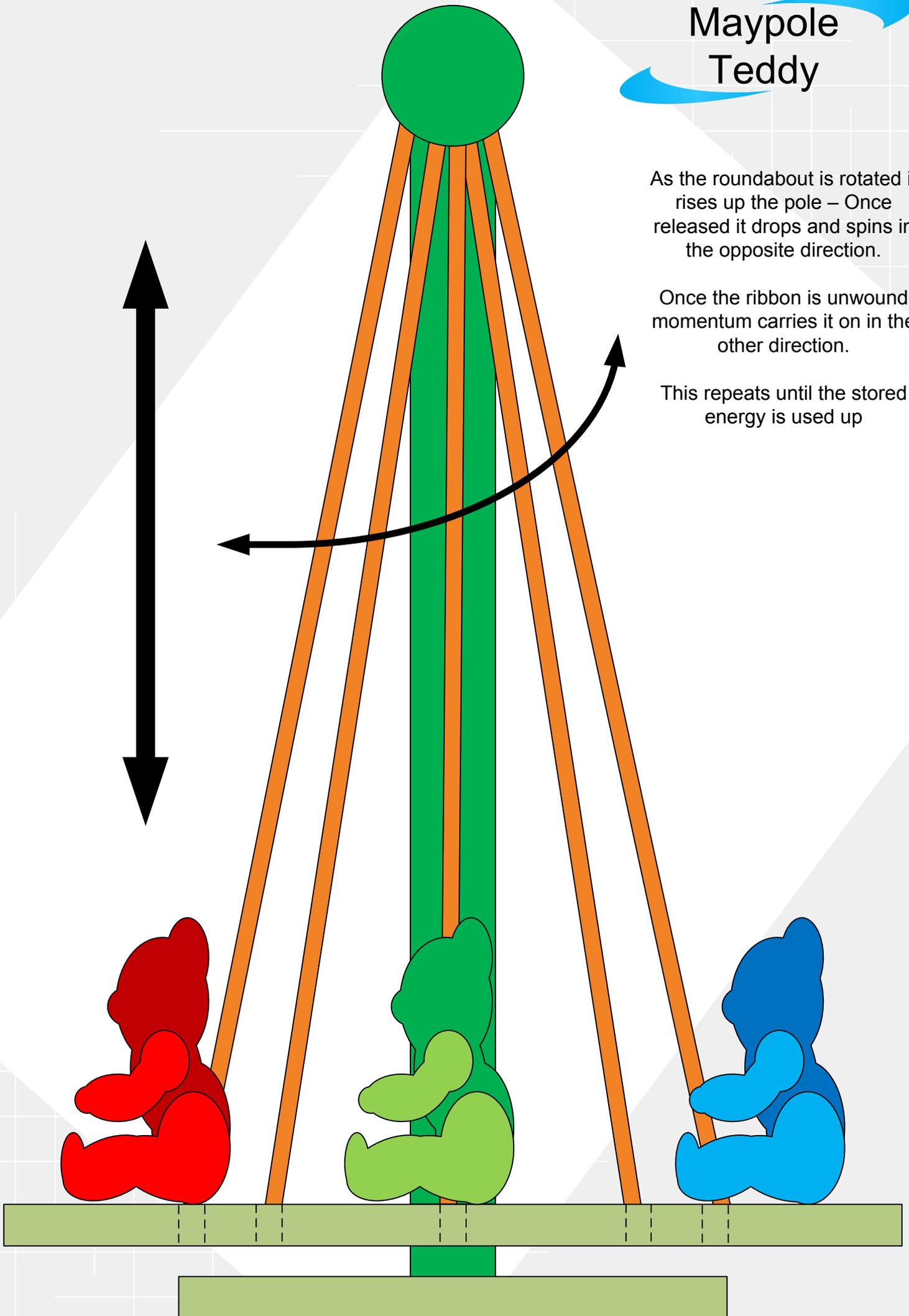


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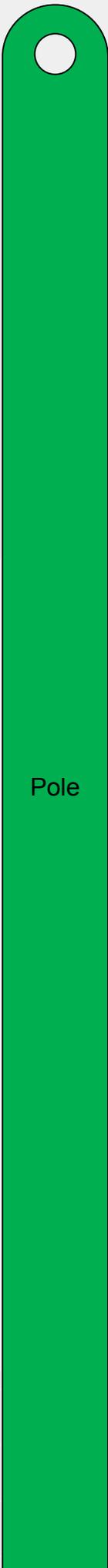
As the roundabout is rotated it rises up the pole – Once released it drops and spins in the opposite direction.

Once the ribbon is unwound momentum carries it on in the other direction.

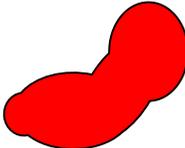
This repeats until the stored energy is used up



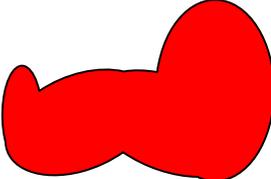
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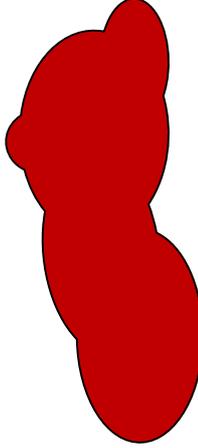
Arm x 12



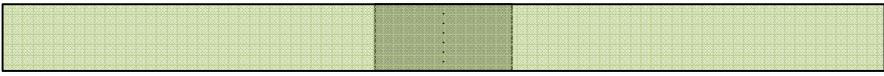
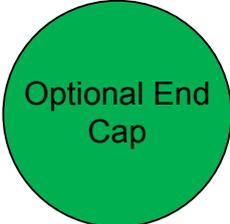
Leg x 12



Body x 6



Optional End Cap

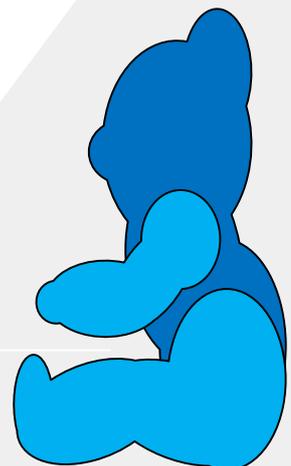
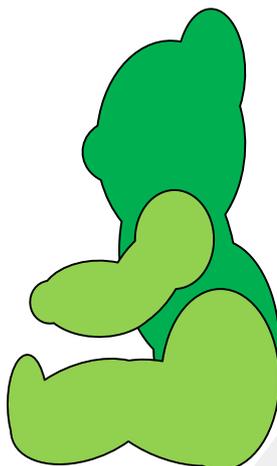
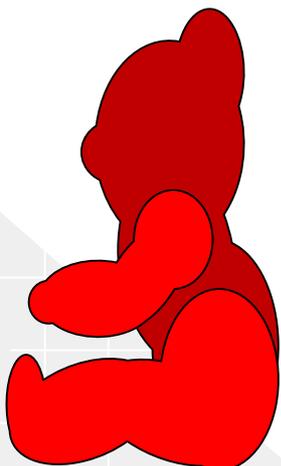
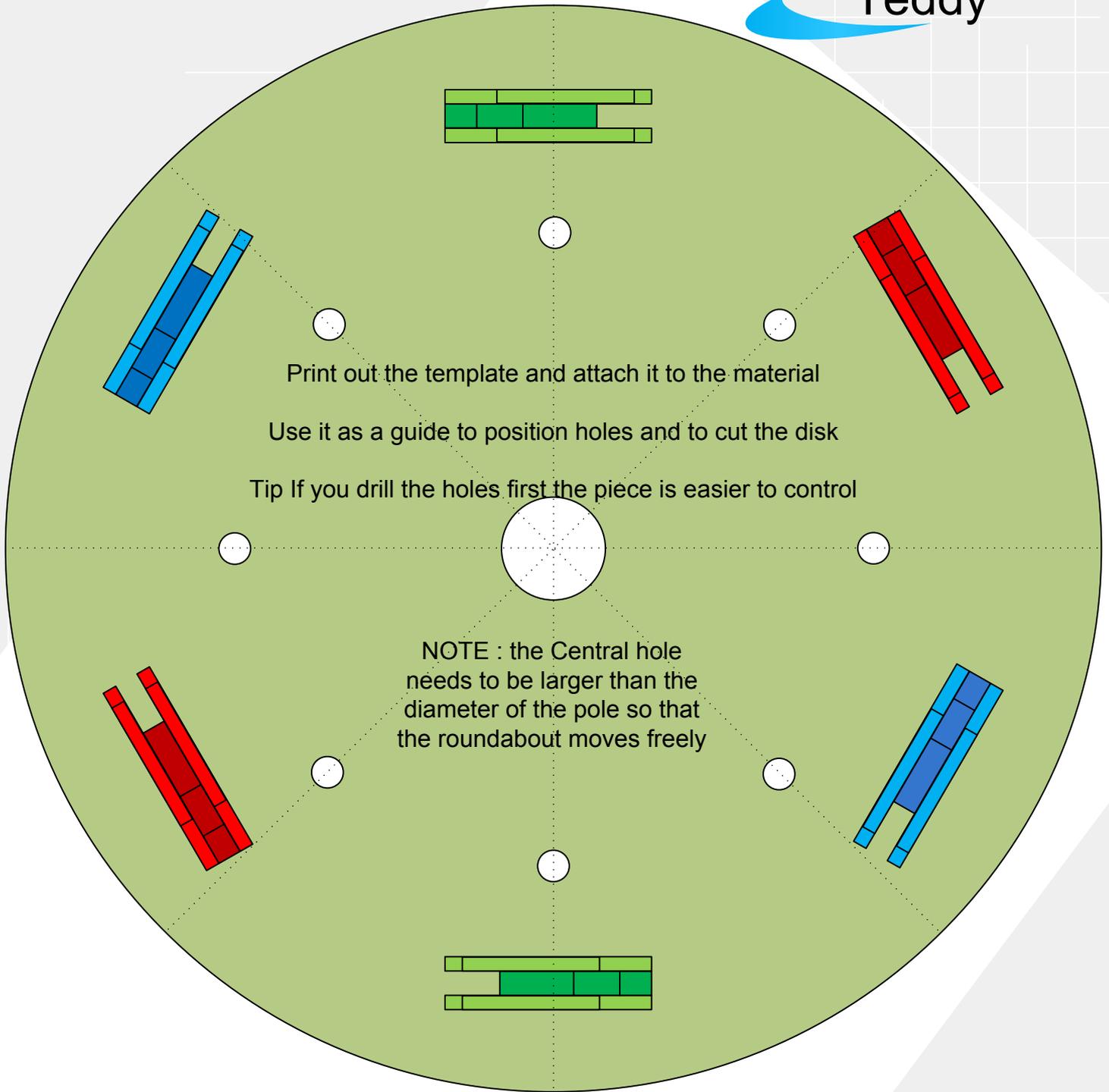


Base Plate

The central hole should be the same size as the central pole so that it is held firmly



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