



Make a Pipe Bow

These bows really work so use them with care PLEASE!

1. Cut a notch in each end of the pipe. **IMPORTANT** the notches both need to be on the same side of the pipe!



2. Cut straight down into the pipe to the depth of the saw blade.



3. Make a second cut at an angle to remove a wedge of plastic.



The angle cut must be at the end of the pipe.

What you need:

Needle file or sandpaper

Junior hack saw

Dowel: 60cm long
9mm diameter

Guyline or paracord

Scissors

At least 2 colours of
insulation tape.

Plastic pipe

1m long

25mm / 1" diameter

eg. black electrical conduit pipe,
white plastic overflow pipe or similar.

The black plastic electrical conduit pipe is stiffer and makes a more powerful bow (a bit harder to pull the string to shoot but more powerful)

Alternatively: The white overflow pipe is more flexible and better for younger children.

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Finishing the Bow

Making a bow string

Length needed approx 1.3m

Overhand knot one end

Hook onto one end of the bow

The string needs to be around 10cm shorter than the distance between the 2 notches on the pipe.

String: 10cm shorter (6cm shorter before knotting approx.)

Overhand knot the other end.

Bend the pipe to fit the string.



Whipped cord grip

Grip area, decoration



The end goes through the loop.

Pull the starting end to tighten the loop and lock the cord in place.

The position can be adjusted on the pipe.

Wrapped grip

Easier - held in place with tape

Decorate the bow

Electrical insulation tape

Top of the grip

90°

Tape to show where to place the arrow on the string

Making the Arrow

