

Instructions on how to make a marble launcher

What you need:

- » pencil
 - » scissors
 - » tape
 - » ruler
 - » x2 elastic bands
 - » x2 cardboard tubes
- If you don't have tubes you can make them using card. Make one slightly bigger than the other.*



Make the tubes:

Cut a piece of A4 card into half, roll it into a tube and tape together.

Use the other half of the card to make a slightly thinner tube and tape together.

Make the marble launcher:

1. Ensure one of the tubes fits easily inside the other.
2. Make two small holes in the thinner tube about 2 cm from the bottom.
3. Carefully push the pencil through both holes.
4. Using the pencil as your end line - mark small lines to measure up to 8 cm.
5. Make two cuts on either side of the top part of the larger tube.
6. Put the small tube inside the larger tube and fix the elastic bands in place around the pencil and inside the cuts you made in the bigger tube. You may need to put tape around the cuts to make it more stable.
7. Pull the smaller tube back and you can fire your launcher.

For safety reasons do not aim the marble launcher at any living thing.

