

Cardboard Guitar

Activity Goal	Create a Guitar using common household items. Put on your favorite song and play along!
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Materials	<ul style="list-style-type: none"> • Cardboard box at least 7" x 5" (empty cereal boxes are great!) • Paper Towel Tube • Ballpoint Pen • Scissors • 3 Rubber Bands • 12 Twisty-Ties (Paper Clips can also be used but may be a bit more difficult!) • Masking Tape • Wooden #2 Pencil • Ruler • Optional: Art supplies to decorate your Cardboard Guitar
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WARNING: Be careful when working with rubber bands. Children 3rd grade and younger should seek adult supervision.

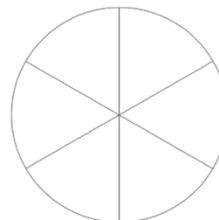


Step 1:

Use your ballpoint pen to make a hole in the **center** of your box (this will help you cut out a bigger hole in the next step).

Step 2:

Using a ruler, measure a circle with a **3 ½ inch diameter (length)**. Draw lines and connect the ends to a circle. Cut out the large circle.



Step 3:

Use your Ballpoint Pen to start a hole in the **top** of your box.



Step 4:

Place your Paper Towel Tube over the hole at the top of your box and trace around it with your Ballpoint Pen.

Step 5:

Use your scissors to cut a hole along the traced line.

Step 6:

On the bottom your Paper Towel Tube, mark 8 small, evenly-spaced, vertical lines with your Ballpoint Pen



Step 7:

Use your scissors to cut slits along the marked lines on the bottom of your Paper Towel Tube. Fold the edges down to create 8 flaps.



Step 8:

Insert your Paper Towel Tube with the non-flap side first - through the open end of your cereal box, then into the the top hole. Tape the flaps of the Paper Towel Tube to the box.



Step 9:

Using your Ballpoint Pen, mark out 12 small holes **1 ½ inches above** your center hole. These holes should be spaced in pairs. The two holes in each pair should be ¼ inch apart, and the distance between the pairs should be ½ an inch apart.



Step 10:

Repeat Step 9 and create 12 small holes **1 ½ inches below** your center hole.

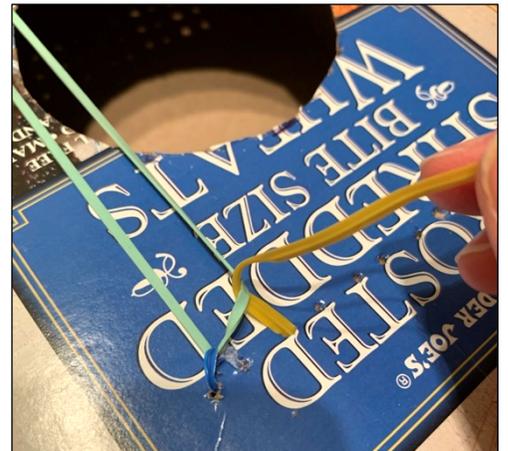


Step 11:

Insert one end of a twisty-tie into the first hole and place a rubber band in between the first two holes. Then, insert the other end of the twisty-tie into the second hole. Twist the twisty-tie from inside your box to secure the rubber band.

Step 12:

Repeat Step 14 with the next two holes, using the other side of the rubber band.



Step 13:

Repeat Steps 14 and 15 with the remaining holes above and below your center hole. The twisty-ties should secure and stretch the rubber bands across your guitar, creating tension.

Step 14:

Insert a wooden #2 pencil above the bottom set of twisty-ties to act as a guitar bridge.



Step 15:

Decorate your guitar to personalize it.

Step 16:

CONGRATULATIONS! You have made your very own Cardboard Guitar!

Now go put on your favorite song and play along!

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