



Homemade Harmonica



Supplies

- 2 large craft sticks
- 2 small rubber bands
- 1 large rubber band
- 1 straw
- Scissors
- Paint or markers (optional)

- 1** Cut your straw into 2 pieces that are 1-1.5 inches.
- 2** Put the large rubber band around one of the craft sticks. Make sure to wrap it around the length of the craft stick.
- 3** Place one of the straws pieces on top of the rubber band and craft stick.
- 4** Place your second craft stick on top and wrap a small rubber band around the end to secure it.
- 5** Put your second straw under the two craft sticks at the other end and wrap your other rubber band around the end to secure it.
- 6** Now, test out your harmonica! Blow between the two craft sticks. Now try changing the sound by moving the straws! What songs can you play?



FYI

What is a Harmonica?

A harmonica is a small musical instrument that is played by blowing air into the holes in its side. Their musical sounds happen when the reeds in the harmonica's metal case vibrate.

How it works

The sound you hear when blowing through the two craft sticks is actually the sound of the rubber bands vibrating. The large rubber bands vibrate slowly and produce a low-pitched sound. The smaller rubber bands vibrate faster and create a high-pitched sound. If you move the straws to the middle, you are making the rubber band shorter and creating a more high-pitched sound.