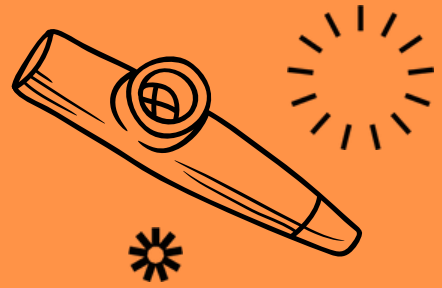


Make Your Own Kazoo



Inventor Supply List

- Cardboard tube
- Tool to puncture the tube
 - Pen, screwdriver, hole punch, etc.
- Wax paper
- Scissors
- Rubber band
- Markers
- Crayons
- Stickers

Procedure

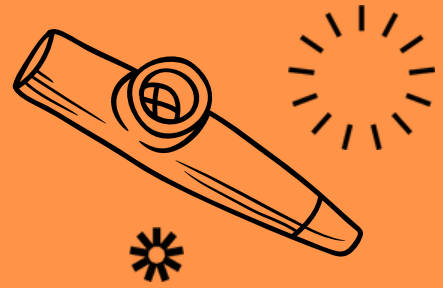
1. Decorate the cardboard tube with markers, crayons, stickers, or any fun materials you have on hand. Make it as colorful and unique as you want!
2. Use scissors to cut a square of wax paper big enough to completely cover the end of the cardboard tube.
3. Secure the wax paper square over one end of the cardboard tube with a rubber band. You want it to fit snugly, so no air escapes.
4. Use a pencil or other tool to poke a hole on opposite sides of the tube, about halfway down. Now, test it by humming, or vocalizing, into the open end of the cardboard tube. How does it sound?
 - Experiment by adding more holes. How do additional holes affect the sound of the kazoo?
5. Once your kazoo is decorated and customized, keep experimenting! Try changing the way you hum—go louder, softer, or change the pitch—and listen to how your kazoo reacts.



The mission of the Cade Museum for Creativity & Invention is to transform communities by inspiring and equipping future inventors, entrepreneurs, & visionaries.

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Make Your Own Kazoo



What Happened

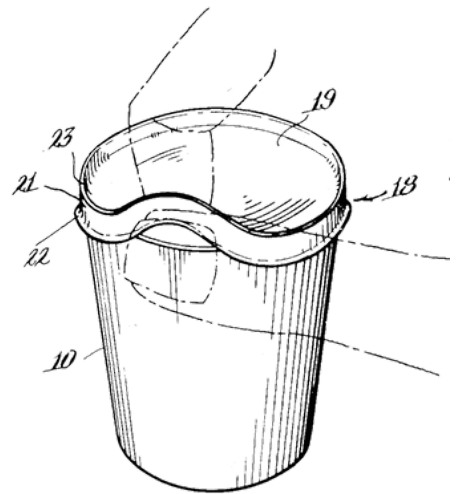
When you hum into the mouthpiece of the kazoo, the sound waves generated by your voice travel through the tube and hit the wax paper, causing it to vibrate. These vibrations create the distinctive buzzing or raspy quality to the sound of your voice that the kazoo is known for. The cardboard tube, which is the body of the kazoo, amplifies the sound, and the shape of the tube and the properties of the wax paper affect the tonal quality. By altering the pitch and volume of your humming, you can change the sound produced by the kazoo.

Read On!

Everyone knows the best part of Thanksgiving is leftovers!

Thanks to the food-saving innovations of Ralph Wiley, Earl Tupper, and Steven Ausnit, those delicious meals can be enjoyed long after the feast.

Like wax paper, Saran Wrap has many different uses, including food preservation. Wiley's 1933 invention of what would later become Saran Wrap locks in freshness by keeping air out. Tupper's Tupperware, introduced in 1946, keeps food fresh with an airtight seal, while Ausnit's Ziplock bags, created in the 1950s, offer a quick and easy way to store and reseal snacks. With these clever storage solutions, the joys of Thanksgiving food can be savored for days to come.



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