



Straw Kazoo

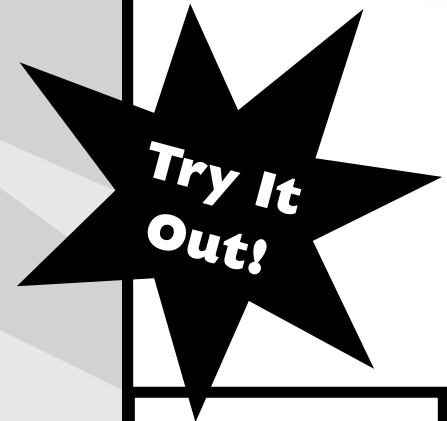
Get a straw and make some music!

What You Need

- plastic drinking straw
- scissors



- 1 Bite** down on one end of the straw to make it **flat**.
- 2 Cut** the flattened end to make a **V shape**.
- 3 Open** the flattened part of the straw a little.
- 4 Put** the V in your mouth and **blow**.



Sent in by Sarah and Jonathan S. of Jackson, MI

Now it's time for you to **experiment**. What happens if you make your straw kazoo a little **shorter**? Or, what happens if you **poke holes** in your kazoo? Choose **one thing** to change (that's the variable), and **predict** what you think will happen. Then **test it** and send your results to ZOOM.

Science Scoop



Sounds are made by **vibrations**. When an **object** vibrates (moves back and forth), it makes the **air** around it vibrate. When the air vibrates fast enough, you may **hear** this movement as **sound**. When you cut the straw, you change the length of the column of air inside the straw. When this **different length** of air vibrates, you hear a **different sound**. Does the sound get **higher** or **lower** as the straw gets shorter?



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