

Water Xylophone

Inspired by *Sounds of Trash* by Tina Athaide.

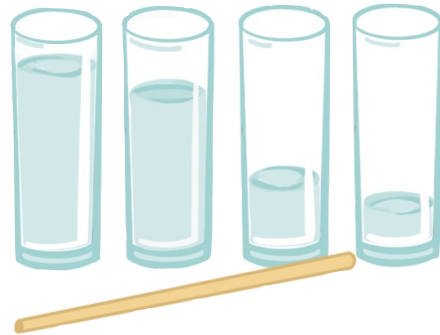
Goal: Explore sounds with a homemade water xylophone.

You will need:

- Water
- Four or more identical clear glass jars or glasses, 8 ounces or larger
- A measuring cup or cups
- A chop stick or spoon

What to do:

- Pour water into the jars.
 - Jar 1: 1 cup
 - Jar 2: $\frac{3}{4}$ cup
 - Jar 3: $\frac{1}{2}$ cup
 - Jar 4: $\frac{1}{4}$ cup
- Tap each jar gently with a chop stick or spoon. Compare the sounds you hear.
- Arrange the jars in order from highest to lowest sound.
- Create a sound pattern or song by tapping the jars.



Other things to try:

- Add more jars to your water xylophone that are filled with different amounts of water.
- Fill a tall, narrow jar and a short, wide jar with the same amount of water, tap them, and compare the sounds you hear.
- Play a familiar song by tapping the jars.
- Find out why the jars make different sounds when tapped.

