

Water Xylophone Sound Experiment

An easy experiment and instrument to make at home

Time to complete: 30 min.

Age Group: 6+ yrs.

Materials:

- Water
- Food colouring
- Wooden sticks
- 4+ mason jars



Steps:

1. Make sure to tap the empty jars first with the wooden sticks to get an idea of the sound the jar would make.
2. Fill the jars with varying levels of water.
3. Tap the wooden sticks on the jars to make some sounds and music.



Notes:

What did you notice about the amounts of water versus the sound or pitch that was created?

The more water, the lower the pitch and the less water, the higher the pitch

Try to adjust the water levels to create new sounds.

