

STEAM Lab Supply List

Science of Sound

Title

Water Xylophone

Subject

Arts
Physics

Learning Objective

Learn about sound waves.
Create a sound-producing
xylophone.

Materials Needed

- Water
- Liquid food coloring (multiple colors)
- Wooden sticks (e.g., bamboo skewers)
- 6 glass mason jars or large glasses
- 2 spoons
- Measuring cup
- 3 Plastic straws
- Scissors

List is per student participating; Guardians or organizations should have supplies set up and available prior to the beginning of each session. Items can be sourced from local vendors e.g. Grocery Stores, Dollar Tree, Target, Walmart, etc. as well as from Amazon. The following additional items are recommended but not required: Goggles, plastic table covers and disposable gloves.

