

Try one of these craft ideas to make your own instrument that can play different pitches:

Plastic Straw Pan Pipes

Materials:

- plastic straws (at least 4)
- tape
- cardboard (optional – you may find it easier to tape the straws to a strip of cardboard instead of to each other)

You can find the instructions here: <https://www.adabofgluewilldo.com/pan-flute/>

The Museum of Science and Technology in Chicago has instructions to make a set of plastic straw pan pipes that is tuned to play a major melody. You can find it here <https://www.msichicago.org/science-at-home/hands-on-science/straw-pipe>



<https://www.adabofgluewilldo.com/pan-flute/>

Water Glass Xylophone

Materials:

- several glass bottles or glasses
- water
- food colouring (optional)
- something to hit the jars/glasses with: a pencil, a spoon, try different things



<https://www.adabofgluewilldo.com/water-glass-xylophone/>

You can find the instructions here: <https://www.adabofgluewilldo.com/water-glass-xylophone/>

Blown or Tapped Bottles

Materials:

- one or more bottles with a narrow opening
- water
- food colouring (optional)



<https://www.stevespanglerscience.com/lab/experiments/pop-bottle-sounds/>

You can find the instructions and an explanation of the science here:

<https://www.stevespanglerscience.com/lab/experiments/pop-bottle-sounds/>

Or you could just mess around with filling the bottle with differing amounts of water and blowing over the top.