

PVC Didgeridoo

Best for Ages

6+

Workspace

Flat indoor/outdoor surface

Is electricity required?

No

Description

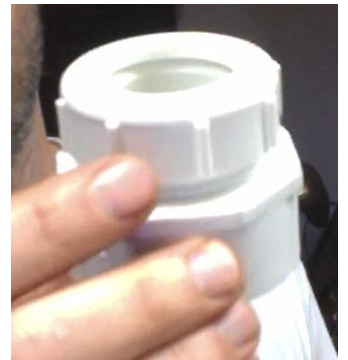
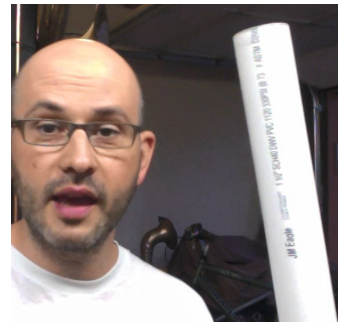
The Didgeridoo is an ancient wind instrument that was developed in Australia sometime within the last thousand years. This guide will help you create one out of PVC piping.

Materials

- PVC Pipe: 2 inch diameter, 3 feet in length
- PVC Pipe coupling (2 parts screwed together)

What to Do

1. Connect the PVC pipe coupling connector to one end of the PVC pipe.
2. Blow into the PVC connector using a brass instrument technique. For more information on this technique, please watch our companion [video](#) about the PVC Didgeridoo. The proper playing technique is shown there.
3. Be patient! It will take some practice to get the technique correct. Experiment with various ways of using your vocal chords and lips to change the sound. What sounds are you able to make?



Concepts Explored

- Sound
- Vibration

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Troubleshooting Tips

- PVC pipe and coupling can be found at any hardware store and some large retail stores that have hardware departments.
- To change the pitch of the didgeridoo, try different lengths of PVC piping.



Why does a didgeridoo sound the way it does?

What kinds of sounds can you make with the didgeridoo?

What other materials can you use to make a didgeridoo?

What is Happening?

- **Sounds** are heard when vibrations reach your ears and stimulate the nerves inside. These nerves then send electrical signals to your brain and you hear a sound.
- **Vibrations** are created from the way you buzz your lips and blow air into the didgeridoo. Different sounds are created when you vary how the vibrations are formed. How does the sound change when you use your vocal cords, buzz your lips, and say “too too too” into the didgeridoo?

Taking it Forward

- Make some other DIY instruments. Can you form an entire DIY instrument band? Which DIY instrument creates the most enjoyable sounds?
- If you like this activity you may also like these [Amazeum You](#) activities:

Funnel Horn

Balloon Saxophone