

Parent Guide: Museum Tour – Johnny Carson Stage

Bottle Top Music, Pan Flue Straws, Mini Puppet Theater

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Bottle Top Music (source: sciencebuddies.org)

Make your own music using empty bottles...listen carefully for changes as you vary the angle and speed at which you blow! Try using bottles with different levels of liquid in them, does that make a difference in the sound you produce?

Supplies Needed:

- clean glass or plastic bottles with narrow necks
- water
- ruler
- lab notebook (optional)
- chromatic tuner and/or piano to compare notes (optional)

Join us on our Facebook page for instructions!

2

Pan Flute Straws (source: adabofgluewilldo.com)

Make more music! Listen again as the sound varies based on straw length and force of your blowing. Once you've explored this new instrument, use the bottle instrument(s) from above and form a band. Use the printables from our website to create a name and concert poster for your band!

Supplies Needed:

- drinking straws
- ruler
- scissors
- tape

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Mini Puppet Theater (source, pbs.org)

A simple yet fun theater experience. Use a photo of yourself and several family members and star in your very own show!

Supplies Needed:

- cereal box
- paint and paintbrush
- clear packing tape
- scissors
- markers
- printed photographs (or magazine photos)
- pencil
- colorful paper
- stickers

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