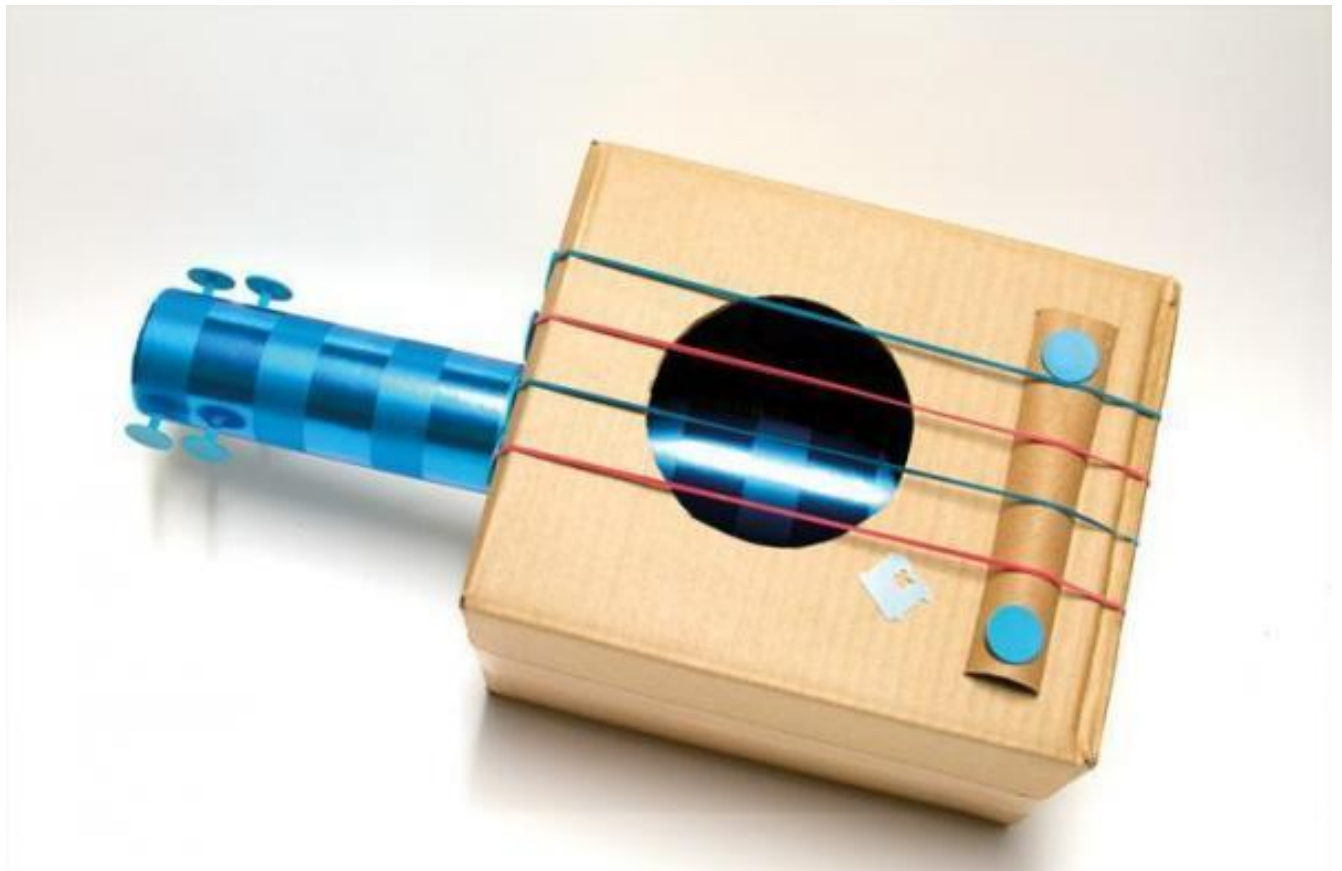


Inquiry Question

How can we use recycled materials to construct instruments that make sound?

Name: _____ Date: _____



We know that sound travels in waves, and we can make noise in many ways. Can we use this knowledge to create an instrument?

Instruments make vibrations to create sound by moving the air molecules around us.

Most musical instruments have a way of changing the frequency of the sound waves they produce. This changes the pitch of the sounds, or how high or low the sounds seem to a listener.

In this experiment we are creating our own instruments out of recycled material we find around our house.

General Instructions

Use recycled material that you can find around the house. Create an instrument then explain how the instrument works in your own words.

Materials you'll need:

Dependent on the instrument you choose to build.

Hints and Ideas:

Examples of different instruments:

https://www.cbc.ca/parents/play/view/activity_musical_instruments

https://www.youtube.com/watch?v=qe_XN9PFFo

Project Submission

Take a video of you playing on your final product afterwards explain how your instrument works. You can either submit picture or file of this project.