

# At Home Science Project

## "How to Make Sound"



In Science class we have been discussing what sound is and how to make sound.

**Project:** use recycled material to make a musical instrument

Due: Friday, March 29<sup>th</sup>

### Steps to create your musical instrument:

Step 1 - choose your container - The sound will vary depending on the container you choose. Various items may be used as containers. Try out some of these items below for containers:

- Shoe box
- Pringle's tube
- Cereal box
- Oatmeal container
- Toilet / paper towel roll

Step 2 - making a musical instrument/ sound is an art as well as science

Experiment with different combinations of containers and fill. The amount of fill you use will also change the sound. Be creative with materials. Below are a few ideas for what you can use for fill:

- Uncooked rice or quinoa
- Popcorn kernels
- Dry beans
- Sand
- Macaroni
- Pearl/Israeli couscous
- Coarse or fine salt

\*Another option is to wrap your container in rubber bands to make sound

Step 3 - secure your container - use packing tape to secure your

container, if your container has a lid then securely snap and tape the lid

Step 4 - decorate your container if you like

Have fun!!! Be Creative!!!

