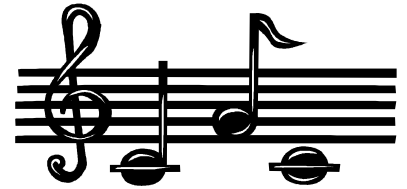


Dear Second Grade Scientists,



We are deep into our **ENERGY** unit of study and have just completed our explorations of light and magnetism.

One of the most fun types of energy to study is **SOUND**. I thought it might be fun for you to build your own musical instruments! You will learn a great deal about how different materials vibrate to produce sound, and you'll have fun! We call this **JUNK MUSIC!**

Attached, you will find a project sheet with ideas for different homemade junk music instruments, but feel free to invent or create your own! You may also borrow books from my science library, or do a little research on your own via the internet, library, or someone you know who is a musician.

You **MUST** bring your homemade instrument back to science with your completed research form, so that you may demonstrate it as part of our study of sound energy. It would be nice if **EVERYONE** had something to share.

### Need ideas?

Check out these unbelievably cool sites which will give you motivation and inspiration!

**Bash the Trash** is a group who focuses on making music with recycled objects:  
<http://www.bashthetrash.com/>

**Rhythm Web** is a super site promoting world music:  
<http://www.rhythmweb.com/homemade/>

**The Junkman** himself!  
<http://www.junkmusic.org/index.php>

**Science Spot** is Mrs. Feldbaum's blog where you can find even more resources!  
<http://feldbaue.wordpress.com/>

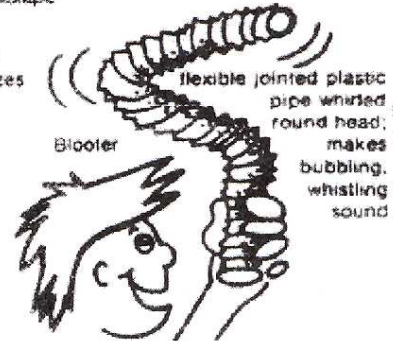
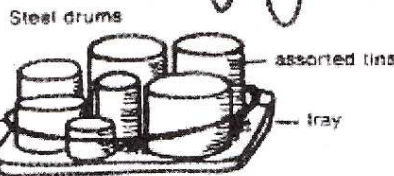
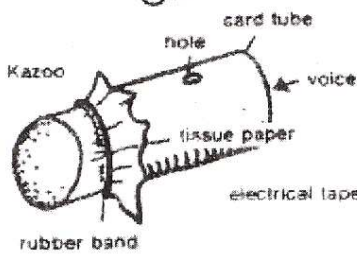
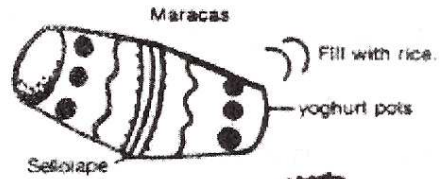
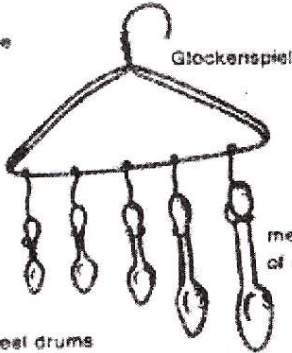
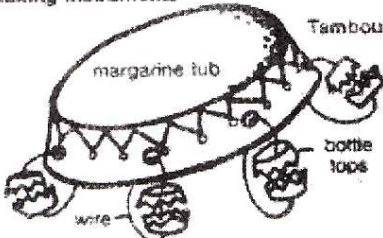
Instruments are due on your  
**SCIENCE DAY**  
the  
**Week of February 6th**

Please do not bring your instrument in early. We do not have the room to store them.

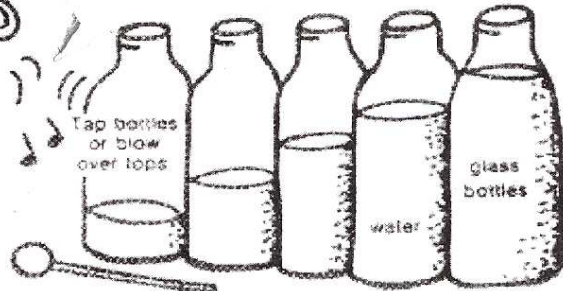
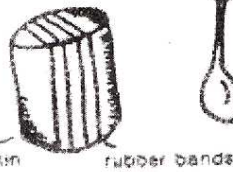
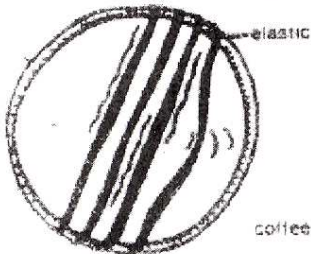
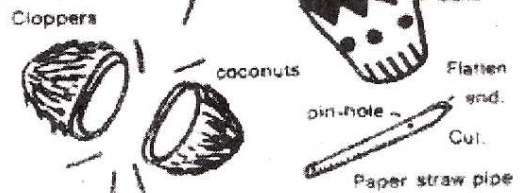
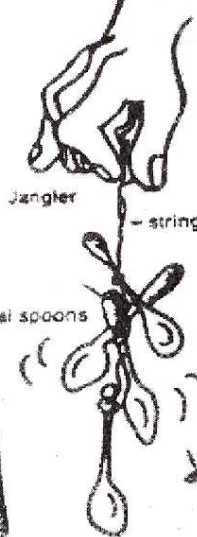
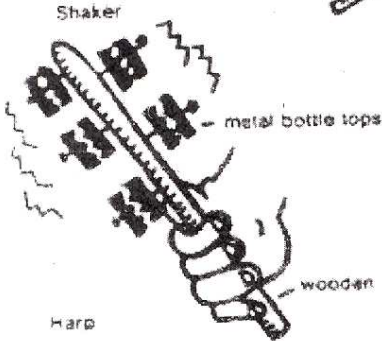
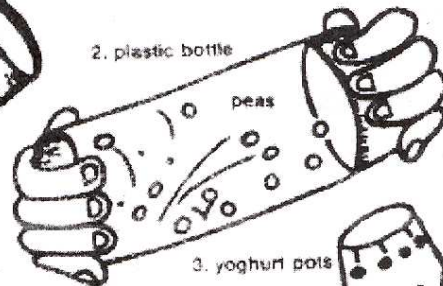
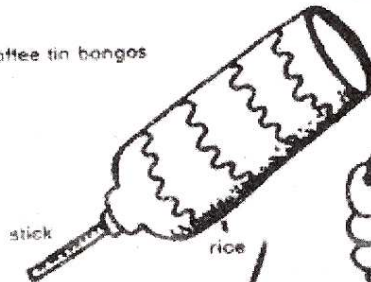
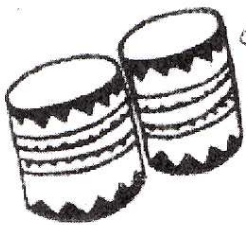
Any Questions?  
Please contact Mrs. Feldbaum!  
[feldbaue@ardsleyschools.org](mailto:feldbaue@ardsleyschools.org)

# Make Your Own Instrument!

## Making Instruments



Maracas 1. washing-up bottle



name \_\_\_\_\_ Class \_\_\_\_\_

# My Wonderful Musical Instrument

My wonderful instrument is called a \_\_\_\_\_.  
cool name here

It is made of the following materials:

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To make a sound, you have to:

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The sound it makes sounds like this: onomatopoeia please!

Here is a drawing of my instrument:

