**Invent a Musical Instrument**

**In this project, you will design, build, and test your own musical instrument. You will demonstrate your finished instrument in a class presentation.**

**Your completed project will be due on: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Planning Your Musical Instrument-**

* Think of all the ways that musical instruments make sounds. Think of the four families of instruments in the orchestra. (strings, brass, woodwinds and percussion) Also, think of the instruments we use in our classroom. (shakers, scrapers, woods, metals and skins.) How are all of these instruments played? Sketch a diagram of your proposed instrument. Be sure to label its parts and the materials you will use.
* How will you play your instrument? Do you want your instrument to be played by blowing into it, strumming it, striking it or by another way? How will your instrument make sounds? What will vibrate to create sound? Will you be able to make your instrument play loud and soft? Will it play one sound or play several notes. (Will it be pitched or unpitched?)
* What materials will you need to build your instrument? How will the parts fit together? Will you need glue, special tools or an adult to help make your instrument?
* What will you name your instrument?

**Suggested Materials-**

* You may use almost anything to build your instrument such as rubber bands, cardboard, cardboard tubes, plastic pipes, string, wooden craft sticks, straws and bottles.
* Almost anything can be used to make a musical instrument.

**Remember to Be CREATIVE! ☺**

**Information to include in your Presentation-**

* **My name is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**
* **The name of my instrument is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**
* **My instrument is made from\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ OR I used \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to make my instrument.**
* **It took me \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(how much time) to complete my project.**
* **Clearly describe how your instrument was made. Explain the steps you used to make your instrument.**
* **How did you come up with the idea for your instrument?**
* **What kind of music would be played on your instrument?**
* **Show your instrument and demonstrate its sound.**