

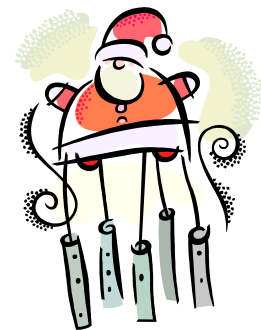
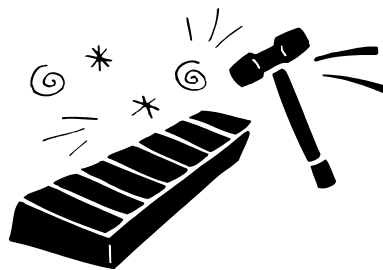
## “Create an Instrument” Project

In science, we’ve been learning about sound. We’ve learned that sound is a form of energy made by vibrations. Instruments make sound! Sound can be produced by vibrating strings, vibrating air, vibrating reed, or a vibrating surface (p.197 in our science book).

You’re going to create your own instrument! You may either design one of your own or do research to find examples. You will play your instrument to the class!

Your project must include:

- 1) Your **instrument** that must produce at least 3 different *itches* (higher and lower) and a change in *olume* (louder and softer). Make sure you know how to change the volume and pitch of your instrument as you’ll demonstrate this to the class.
  
- 2) A *rief, one page report*. Your report should include:
  - a. The *ame* of your instrument
  - b. What *aterials* you used and how you made it
  - c. How the sound is produced (*what vibrates*)
  - d. How you can change the *itch*
  - e. How you can change the *olume*
  - f. What you could do to your instrument to make it play more sounds
  - g. Any other *interesting facts* about your instrument



Name \_\_\_\_\_

Homeroom \_\_\_\_\_

**“Create an Instrument” Grading Rubric**

Part 1: INSTRUMENT	Points Possible	Points Earned
A. Your instrument was completed on time.	1	
B. You demonstrated that you can change the volume.	2	
C. You demonstrated at least 3 pitches.	3	
D. Time and Effort was put into your instrument.	10	
Part 2: REPORT		
A. Your report was completed on time.	1	
B. Your report was typed or written neatly.	1	
C. Less than 5 errors. Proofread for spelling, punctuation, and grammar!	3	
D. You included all 7 parts of the report. These are listed on the other side of this paper!	7	
Total	28	