Making Music

Objective: Design and construct a functioning musical instrument.
Procedures:
1. Brainstorm various types of musical instruments (at least 5).
2. Decide on an instrument that you would like to construct. Decide on a design and sketch a DETAILED picture of it being sure to label what materials you will be using for each part.
3. Construct your instrument using everyday items. Do not bring in store-bought instruments. It must be entirely made from"scratch." You must actually construct something. You must be able to control pitch and volume.
4. List ALL materials used.

Grading Rubric

1. Brainstorming			up to 5 points

2. Sketch of Instrument		up to 15 points
   (5 points for drawing, 5 for labeling, 5 for accuracy & neatness)

3. Construction			up to 75 points
   (to receive full credit pitch & volume must be controlled by you, appropriate materials must be used, the instrument must be neat & attractive, instrument must have some extra or special feature)

4. Materials List			up to 5 points

ANY PROJECT TURNED IN AFFTER THE DUE DATE WILL BE PENALIZED 20 POINTS PER DAY LATE. PROJECTS WILL <u>NOT</u> BE TAKEN AFTER_____. NO EXCEPTIONS!!!!

Battle of the Bands

Congratulations! You have been selected to participate in the first ever RMS Battle of the Bands! You will work in groups to plan, practice, and perform a simple song using musical instruments constructed by each member. Your band will then be performed, videoed, and judged by your peers and teachers. In addition, your performances will be showcased in a Podcast! Following are rules and guidelines for the event.

You will select your own band members during class today – 3-5 per group please. Your band members will need to be in your science class; instruments must be made by each band member and cannot be purchased (no replicas please). Performances must be school-appropriate. If in doubt, ask your teacher prior to your performance.

Each band must collaborate on:
- ✓ Song choice
- ✓ Instruments to be used(be sure to have a variety and not replicas)
- ✓ Instrument each member will construct and play

When considering your musical instrument, consider the following:
- ✓ Project guidelines (see rubric; reread it prior to beginning)
- ✓ Type of materials needed
- ✓ Time limits
- ✓ How pitch and volume will be controlled
- ✓ How the instruments mesh with the band's song choice

Bands will need to plan "jam" sessions outside of class to practice your rendition of the selected song choice (lunch study, before or after school). Performances should be limit to no more than 2 minutes. Creativity is important in song choice, selection of instruments, and performances. However, do not forget that this assignment is for a grade, will be videoed and showcased online, and must be taken seriously. Props and costumes encouraged, but optional.

Battle of the Bands

You will receive a 100 point grade for the construction of your instrument (Making Music), and a 50 point grade for your performances (Battle of the Bands).

NOTES

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Making Music Rubric   **Grade:** _____

Name: _____   Teacher: <u>Grizzel</u>

Due Date: _____

   I.   **Brainstorming** (up to 5 points)
       5 Brainstorm at least 5 instruments. (1 point each)

  II.   **Sketch of Instrument** (up to 15 points)
       <u>Drawing</u>
       5 All components of the instrument are drawn
       3 Most components of the instrument are drawn
       1 Few components of the instrument are drawn
       0 No components of the instrument are drawn

       <u>Labeling</u>
       5 All components of the instrument are labeled
       3 Most components of the instrument are labeled
       1 Few components of the instrument are labeled
       0 No components of the instrument are labeled

       <u>Accuracy & Neatness</u>
       5 Drawing is neat and accurate
       3 Drawing is either neat or accurate
       1 Drawing is neither neat nor accurate
       0 Drawing was not attempted

 III. **Construction** (up to 75 points)
       <u>Pitch</u>
       10 Pitch can be controlled by student; multiple
          pitches can be produced by instrument
       5 Pitch cannot be controlled by student; only one
         pitch can be produced by instrument
       0 No sound was produced

       <u>Volume</u>
       10 Volume can be controlled by student; multiple
          volumes can be produced by instrument
       5 Volume cannot be controlled by student: only one
         volume can be produced by instrument
       0 No sound was produced

       <u>Materials</u>
       20 Everyday, inexpensive household materials were
          used; no store bought or specialty kits/items
          were used
       10 Everyday, inexpensive household materials were
          used; some store bought specialty items were used
       5 A store bought, specialty kit was used
       0 No instrument was constructed

<u>Appearance</u>
20 Instrument is neat and accurate
10 Instrument is either neat or accurate
5 Instrument is neither neat nor accurate
0 No instrument was not constructed

<u>Creativity</u>
15 An original instrument was constructed;
instrument contained some special accessory
10 An original instrument was constructed
5 An instrument was constructed
0 No instrument was constructed

IV. Materials List (up to 5 points)
    5   All materials used are listed
    3   Most materials used are listed
    1   Few materials used are listed
    0   No materials are listed

	Name of Band	Total Points
Band 1		/20
Band 2		/20
Band 3		/20
Band 4		/20
Band 5		/20
Band 6		/20
Band 7		/20
Band 8		/20
Band 9		/20
Band 10		/20

Performances will be evaluated on the following criteria:

Participation
1 2 3 4 5

Entertainment Factor
1 2 3 4 5

Band Cooperation
1 2 3 4 5

Instrument Durability
1 2 3 4 5

Showmanship
1 2 3 4 5