Band Members \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Block \_\_\_\_\_\_\_\_\_\_\_\_

**Element Band Project**

**Directions:**

* You will be working with a group of your choosing and will form a “band” of 3 to 4 members (no solo artists)
* Your group will be assigned a part of the periodic table and you each will choose to be an element from that section.
* Each person will come up with a band member name that has to do with properties or uses of their selected element.
* As a group, you will come up with a band name that has to do with properties or uses of your section of the periodic table
* As a group, you will come up with 5 song titles that have to do with properties or uses of your section of the periodic table.
* **You will create a show poster for your band that has the following**:
  1. **The name of your band** (must relate to the properties or uses of your section)
  2. **The names of each of your members** (must have the element name in it and a property of the element- Example: high combustible hydrogen)
  3. **5 song titles** (that have to do with properties or uses of your section of the periodic table)
  4. **Bonus song**- must relate to the number of VALENCE electrons in your section of the periodic table (columns 1,2, and 13-18) **OR** description of where it is found on the periodic table (columns 3-12)
  5. **The date and location of your next show**
  6. Your poster should be **neat, informative, creative**, and make people want to come and see your show!

Optional Extra credit (can be individual): **5 points**

Write an actual **song/poem** about your element.

Suggested websites for use for your research:

* <http://www.chemicool.com/>
* <http://www.ptable.com/>
* <http://www.webelements.com/>
* <http://www.chem4kids.com/files/elem_pertable.html>

Groups for Elemental Band Project

1. Alkali metals
2. Alkaline earth metals
3. Transition metals
4. Boron family – group 13
5. Carbon family—group 14
6. Nitrogen family—group 15
7. Oxygen family—group 16
8. Halogen family—group 17
9. Noble gases + hydrogen- group 18
10. Lanthanides
11. Actinides