NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ DUE DATE: Friday 2nd Mar 2018

Choose one (1) of the following elements to research:

**Copper Nickel Aluminium Tin**

In two or more **paragraphs**, not a list, present the following information on a poster. Group the information into sensible paragraphs and make it presentable.

1. Give the name, symbol of the element and its location on the periodic table
2. Tell the date the element was discovered, where, and by whom (if known).
3. Tell how or why the element got its name.
4. Give the following data about the element:
	* melting point and boiling point
	* which state of matter is it exists in at room temperature (250 C)
5. Describe the appearance of the element. Include information on
	* colour
	* what it feels like
	* Whether it is hard or soft, comparing to other elements or materials.
	* odour (if possible)
	* taste (if possible)
6. Tell about the sources of the element. Include:
	* Where in the world it is found/produced
	* How it is found (mined from the ground, extracted from other compounds/chemicals, etc).
7. Tell how the element is used today and how it was used in the past. You should try to find at least three uses total.

**Marking Key:**

|  |  |
| --- | --- |
| **Item** | **Marks** |
| Presentation (artistic):* Pleasing to look at
* Grabs attention
* Use of colour
 | /3 |
| Presentation (information):* Information well grouped
* Neat handwriting or typed
* Picture of the element and its uses
 | /3 |
| References* Includes book/article/website/author name
* Includes where it is found (URL or library)
* Includes the date it was published (book) or viewed (internet)
 | /3 |
| In class test * Knows researched element well and can answer these same questions in a test
 | /6 |

**Total mark: /15**