Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**8th Vet Prep Chemistry -Element Mobile Hanger**

Select an element to research. Design an art hanger for a mobile to represent the use or importance of your element in our world. Human use or natural use are equally important.

1. Use a periodic table to select an element of interest to you.
2. Complete an “Element Hanger Submission” index card to get approval for your element. Include your details on your submission card for approval. Due Date Wednesday 11/8/17.
3. Create your artistic representation of your element following the following specs:
* Use lightweight materials (cardboard, paper, foil, gauze, fabric, yarn, etc.)
* Element hanger must mass no more than 100 g.
* Element hanger must measure no more than 20cm x 20cm
* Element hanger must have a attachment to hang from fishing line at the top.
* **Element hanger must display the following details:**
	+ Atomic symbol, Atomic number, Atomic mass
	+ Freezing point, melting point, boiling point in degrees Celcius.
	+ Physical properties
	+ Year discovered, common use or source
1. **Final Due Date for Element hanger: Friday 11/10/17**

You may bring in supplies to create your element hanger in class on Wednesday 11/8/17.Write down your plan and sketch your hanger below:

**Atomic:** Symbol\_\_\_\_\_\_\_\_ Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Number \_\_\_\_\_\_\_ Mass \_\_\_\_\_\_\_\_

Properties: Freezing, Melting, Boiling points: FP\_\_\_\_\_\_\_\_\_\_ MP \_\_\_\_\_\_\_\_ BP \_\_\_\_\_\_\_\_

Other physical characteristics \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Year discovered: \_\_\_\_\_\_\_\_\_\_\_ Common source/uses\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Sketch Layout of hanger and information: (list materials used) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_