**Periodic Table Families Project:**

Working in a small group, you will research one family/group of the periodic table and develop a creative Educreation presentation to teach the rest of the class about the properties and characteristics of your periodic table group.

**The following information should be included in the presentation:**

* Name of the family and origin of this name
* Location on the periodic table and group (or period) number(s)
* Common properties/ characteristics of the group
* Number of valence electrons (for main groups)
* Focus on any elements of special use or importance within your group
* Pictures or videos that illustrate the elements in the group and their properties

**Periodic Table organization “groups”:**

* Alkali Metals
* Alkaline Earth
* Halogens
* Noble Gases
* Metals
* Nonmetals
* Lanthanides
* Actinides

**The presentation will be graded as follows:**

* Name of the family and origin of this name \_\_\_\_\_\_\_\_ 1 pt
* Location on the periodic table and group (or period) number(s) \_\_\_\_\_\_\_\_ 1 pt
* Common properties/ characteristics of the group \_\_\_\_\_\_\_\_ 5 pts
* Number of valence electrons (for main groups) \_\_\_\_\_\_\_\_ 1 pt
* Focus on any elements of special use or importance within your group \_\_\_\_\_\_\_\_ 3 pts

(at least three elements or uses are described)

* Pictures or videos that illustrate the elements in the group and their properties \_\_\_\_\_\_\_\_ 4 pts

(at least 4 pics/videos are included)