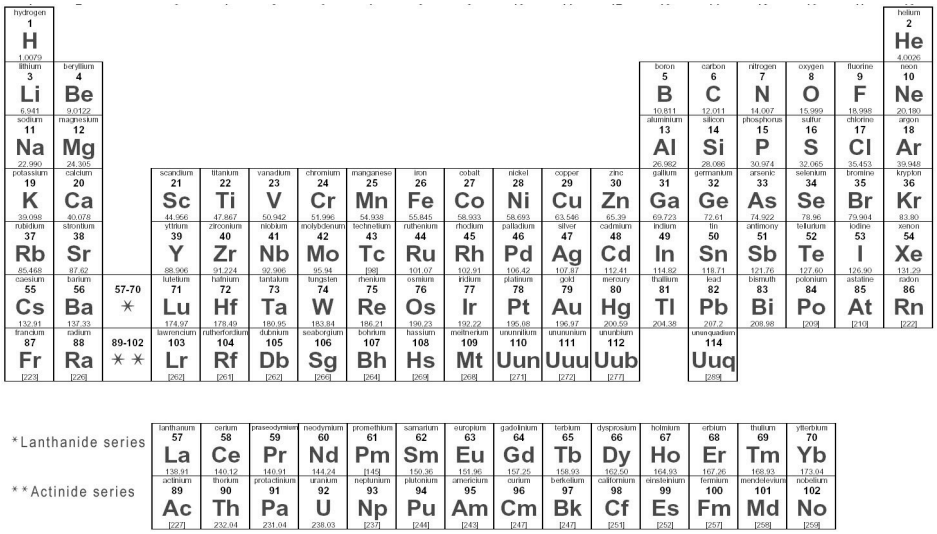
Periodic Table Poster Project

7th Physical Science Name_____Class_____

Due Date: _____



Purpose: To demonstrate understanding of the arrangement of the periodic table of elements by creating a new table based on properties and characteristic of objects.

Requirements:

1. Create a periodic table out of everyday objects. You may use pictures from magazines, catalogs, clipart, photographs, or actual small objects. (no real candy or food) You can use pictures of candy or food.
2. Glue the pictures or objects to the board.
3. Use your notes and textbook, to help with understanding and the organization of your periodic table.
4. The table must have a minimum of 5 periods (rows) and 8 families (columns)
5. Include a title on the top of your poster (The Periodic Table of _____), your name, teacher and official class.
6. The groups or families:
   - -must be named (you can use the name or a characteristic of the actual items)
   - -must have a common property
7. The Periods:
   - -must change from left to right in some way similar to the Periodic Table of Elements, except for the 1st period which is different from all the others like hydrogen and helium
   - -the first period has only 2 objects or items
   - -periods 2-5 need to have 8 objects or items
   - --must change from left to right in a logical way (increase in some format)
8. Make a key/legend **(see rubric)** to explain how the table is arranged. Be sure to include names of each group or family, which properties they have in common, and explain how the periods change from left to right. Compare your table to Mendeleev's Table. Your key/legend should be on a separate page and should be approximately two paragraphs.
9. Make sure to refer to the rubric. Use it to be sure you have included all requirements.

Grading Rubric- Periodic Table Poster Project

	4	3	2	1
Number of families and periods	Contains 8 Families and 5 periods	Contains 7 Families or 4 periods	Contains 6 Families or 3 periods	Contains less than 6 Families or less than 3 periods
Organization of families	8 Families are numbered, all related	Families not numbered or, 1-2 items not related	Families not numbered, 3-4 items are not related	Items within the families have no relation to each other
Organization of periods	5 periods are numbered and named, all related, change from left to right in a logical way	Periods not numbered or named, 1 item does not change logically	Periods not numbered or named, 2-3 items do not change logically	Items within the periods have no relation to each other
Key/Legend	explains similar properties of families explains how items increase in periods explains how periods change explains why 1st period is different	Missing 1 of the requirement	Missing 2 of the requirements	Key missing or missing more than 3 requirements
Mechanics/Organization	contains no grammatical/spelling errors effort is evident Periodic Table organization makes sense neat /organized	contains 1-2 grammatical/spelling errors some effort evident Periodic Table is somewhat neat/organized	contains 3-4 grammatical/spelling errors minimum effort put forth Periodic Table is not organized	contains more than 4 grammatical/spelling errors no organization nor effort sloppy