

Requirements:

- ***YOU DO NOT NEED TO PRINT THIS – You can do this directly onto your notebook paper***
- Make your own periodic table of something.
- The whole table must have a theme.
- Groups (columns) must share some characteristic.
Groups will have an order to them as you go down.
- Periods (rows) must be arranged periodically so that each one repeats a pattern.
- Each box must have a representative image – you may print pictures if you like
- Explain how your table is organized so it is easy to understand.
Use complete sentences.

Periodic Table of: [What is your theme???

Explanation:

Grader _____

Put a star in the appropriate square and then total the points. _____ / 20

Something I liked about your Periodic Table was:

Category	4	3	2	1
THEME: <i>Table has a clear theme that is consistent throughout.</i>	Table is titled with a theme that is represented in each square of the table.	Theme is evident in most, but not all squares.	Theme doesn't seem clear or title doesn't represent the theme. I can't figure it out.	No attempt at making a theme. Table seems random.
GROUPS: <i>Each group shares a characteristic.</i>	Each group on the table shares a characteristic that is obvious and consistent in the table.	The groups share a characteristic but a few squares don't seem to fit correctly.	There doesn't seem to be a clear way the groups are organized.	Groups appear random and no clear order is presented.
PERIODS: <i>Periods show periodicity.</i>	As you progress through the table, there is a pattern as you go across the period that repeats in the next period.	Not each period has the same exact pattern of periodicity.	There is not a consistent relationship between each period.	Periods are not properly constructed and appear random.
IMAGES: <i>The chosen image helps to explain what the theme of the table is.</i>	Images are creative and chosen to represent what is shown in the square.	Images are somewhat creative but do not always represent what is in the square.	Many images are missing, are too messy to understand, or do not represent anything on the table.	Most images are missing, are too messy to understand, or do not represent anything on the table.
EXPLANATION: <i>Clearly explains what is shown on the table. It clearly identifies patterns and trends.</i>	Clearly explains what is shown in each group and period. It explains the periodicity. Complete sentences are used.	Explains most of the information shown in the groups and periods.	Explanation is poorly written and does not use complete sentences. A weak attempt is made to explain table.	Explanation is very weak and doesn't explain much of what is shown on the table.