Periodic Trends Activity
Please do not write on this paper.

On graph paper, construct 6 blank periodic tables. Use each periodic table to illustrate the following periodic trends and groups.

Table 1: Color each group of elements a different color and label them (Ex: alkali metals, noble gases, etc).
Table 2: Color each block a different color and label them (Ex: s-block, p-block, etc).
Table 3: Color metals, metalloids, and nonmetals different colors and label them.
Table 4: Create a table that shows the trend in atomic radius.
Table 5: Create a table that shows the trend in ionization energy.
Table 6: Create a table that shows the trend in electronegativity.

Rubric for each table:

Rubric for Grading Each Table			
Quality of Information	Information is correct (+ 10 points)	Information is partially correct (+ 5 points)	Information is incorrect (0 points)
Presentation	Tables are brightly colored and attractive (+ 10 points)	Tables are colored but not neatly (+ 5 points)	Tables are not colored (0 points)

Each table is worth a total of 20 points. Total project = 120 points.