

The Enhanced Periodic Table

CATEGORY	Great	Acceptable	Not Acceptable
Neatness x2	Lines surrounding elements are drawn perfectly straight (with a ruler) and with no mess. +2	The table looks good but a few things look a little messy. +1	The table looks messy and unattractive.
Color x2	The colors chosen make it easy to tell where one group ends and the next begins. +2	The colors chosen are difficult to tell one from another, though it is possible. +1	The colors chosen are extremely similar and make the groups very difficult to distinguish.
Legend x4	The legend clearly defines what each color means. It is neat and easy to read. +3-4	The legend is somewhat clear, but not neat. +1-2	It is unclear what the legend is trying to communicate.
Classification x8	One point will be given for each of the families, blocks, or rows that are identified.	Alkali metals, Alkaline Earth metals, halogens, noble gases, transition metals, lanthanides, actinides, the magic 7.	
Trends x10	Two full points will be given for each trend that is clearly identified.	Atomic Radii, Electronegativity, Metallic Character, Electron Affinity, Ionization Energy	
Metals, Semiconductors and Non-Metals x8	Every element on the periodic table must be clearly classified in these three groups. Each incorrectly identified element will result in the loss of one full point.	Do your BEST work!!!	