

Organization of the Periodic Table

A 10x18 grid with numbered columns 1 through 18 at the top. Columns 1, 2, 13, 14, 17, and 18 are shaded black. The grid consists of 180 squares.

Identify (with colours, patterns, etc.) the following on the periodic table above:

- actinides
 - alkali metals
 - alkaline earth metals
 - halogens
 - inner transition metals
 - lanthanides
 - metalloids
 - metals
 - noble gases
 - nonmetals
 - transition metals

On the periodic table above, identify where the s, p, d, and f orbitals are being filled