Gnomon Arrays of the Atoms

The second element of each of the rows of the periodic table are shown in the middle column. of the figure. The atomic symbol and the atomic number of the element is adjacent to the depiction of the element. Adjacent to the element on its other side is a depiction of the group of He-octas which have been added to the atomic element above to produce the current element. Adjacent to this group is a depiction of the He-octas of which it is composed. These are the sublayers or gnomons and placed together on the same plane they form a square array of He-octas.

As an example, Sr is formed by the addition of the gnomon array on its left to the Ca atom just above it. Each of the He-octas of the gnomon layers has the same color as the layers of the Ca atom to which they join. To the left of the gnomon array, the He-octas of its three layers are shown in a square planar array.