

The Bayley Pyramid Periodic Table

The Thomas Bayley Pyramid is a design nearly as old as the standard Mendeleevian arrangement. It emphasizes the periods rather than the groups. Notice that the Lanthanide and Actinide "Rare Earth" sections are incorporated into their more proper position within periods six and seven. The angled lines connect the conventional groups. This construction can be considered to be a blending of the Bayley Pyramid with its intact sixth and seventh periods and the modern conventional form dominated by the groupings dictated by the outer shell configuration. These tables all depict the symmetrical nature of the periodic law regarding the increase in intervals before periodicity occurs in every other period with the exception of the first one. Tie lines demote chemical analogies



Modified form G.T. Seaborg, Lawrence Berkeley National Laboratory, 1989



"I have talked 1998 with Glenn Theodore Seaborg about his illustration above and promised him to send an alternative version as soon as is ready. He died, for me surprisingly 1999. Therefore, I will publish these in good memory at his fatherly and helpful kind." W.Klehr

It can be considered to be an extended modernization of the Bayley Pyramid.



