

THE PERIODIC TABLE

- A TABLE WHERE ELEMENTS ARE ORGANIZED BY INCREASING ATOMIC NUMBER (NUMBER OF PROTONS)

Periodic Table of the Elements

1 1IA	2 IIA 2A											13 IIIA 3A	14 IVA 4A	15 VA 5A	16 VIA 6A	17 VIIA 7A	18 VIIIA 8A					
1 H Hydrogen 1.0079													5 B Boron 10.811	6 C Carbon 12.011	7 N Nitrogen 14.00674	8 O Oxygen 15.9994	9 F Fluorine 18.998403	10 Ne Neon 20.1797				
3 Li Lithium 6.941	4 Be Beryllium 9.01218												11 Na Sodium 22.989769	12 Mg Magnesium 24.305			13 Al Aluminum 26.981539	14 Si Silicon 28.0855	15 P Phosphorus 30.973762	16 S Sulfur 32.06	17 Cl Chlorine 35.4527	18 Ar Argon 39.948
19 K Potassium 39.0983	20 Ca Calcium 40.078	21 Sc Scandium 44.95591	22 Ti Titanium 47.88	23 V Vanadium 50.9415	24 Cr Chromium 51.9961	25 Mn Manganese 54.938	26 Fe Iron 55.847	27 Co Cobalt 58.9332	28 Ni Nickel 58.6934	29 Cu Copper 63.546	30 Zn Zinc 65.38	31 Ga Gallium 69.723	32 Ge Germanium 72.64	33 As Arsenic 74.921595	34 Se Selenium 78.96	35 Br Bromine 79.904	36 Kr Krypton 83.80					
37 Rb Rubidium 85.4678	38 Sr Strontium 87.62	39 Y Yttrium 88.90585	40 Zr Zirconium 91.224	41 Nb Niobium 92.90638	42 Mo Molybdenum 95.94	43 Tc Technetium 98.9062	44 Ru Ruthenium 101.07	45 Rh Rhodium 102.9055	46 Pd Palladium 106.42	47 Ag Silver 107.8682	48 Cd Cadmium 112.411	49 In Indium 114.818	50 Sn Tin 118.71	51 Sb Antimony 121.757	52 Te Tellurium 127.6	53 I Iodine 126.90547	54 Xe Xenon 131.29					
55 Cs Cesium 132.90545	56 Ba Barium 137.327	57-71 Lanthanide Series	72 Hf Hafnium 178.49	73 Ta Tantalum 180.9479	74 W Tungsten 183.85	75 Re Rhenium 186.207	76 Os Osmium 190.23	77 Ir Iridium 192.22	78 Pt Platinum 195.08	79 Au Gold 196.96655	80 Hg Mercury 200.59	81 Tl Thallium 204.3833	82 Pb Lead 207.2	83 Bi Bismuth 208.98039	84 Po Polonium [209]	85 At Astatine [210]	86 Rn Radon [222]					
87 Fr Francium [223]	88 Ra Radium [226]	89-103 Actinide Series	104 Rf Rutherfordium [261]	105 Db Dubnium [262]	106 Sg Seaborgium [263]	107 Bh Bohrium [264]	108 Hs Hassium [265]	109 Mt Meitnerium [266]	110 Ds Darmstadtium [268]	111 Rg Roentgenium [269]	112 Cn Copernicium [284]	113 Uut Ununtrium [285]	114 Uuq Ununquadium [286]	115 Uup Ununpentium [287]	116 Uuh Ununhexium [288]	117 Uus Ununseptium [289]	118 Uuo Ununoctium [290]					

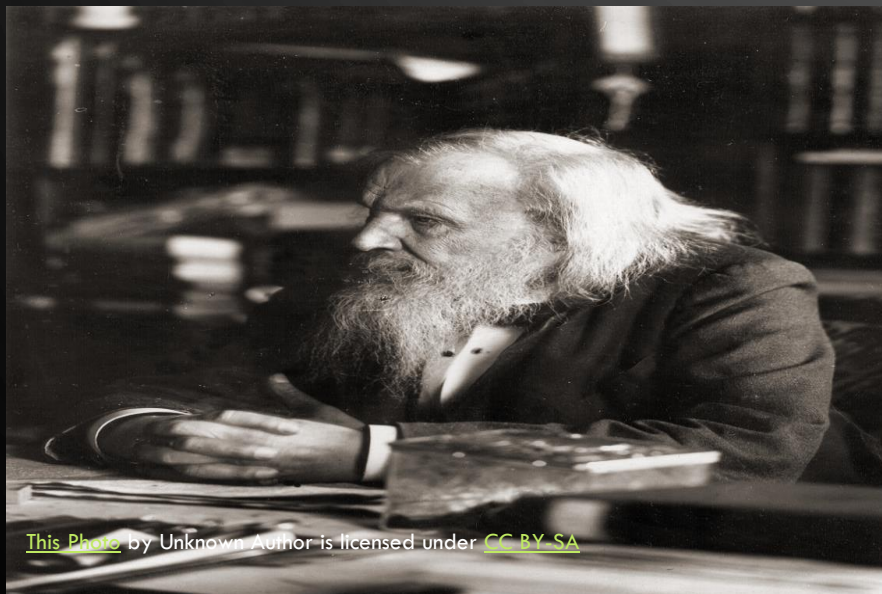
Legend:

- Alkali Metal
- Alkaline Earth
- Transition Metal
- Basic Metal
- Semimetals
- Nonmetals
- Halogens
- Noble Gas
- Lanthanides
- Actinides

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DESIGNERS OF PERIODIC TABLE

- DMITRI MENDELEEV CREATED 1ST TABLE BASED ON ATOMIC MASS



- HENRY G. J. MOSELEY ARRANGED ELEMENTS BY ATOMIC NUMBER

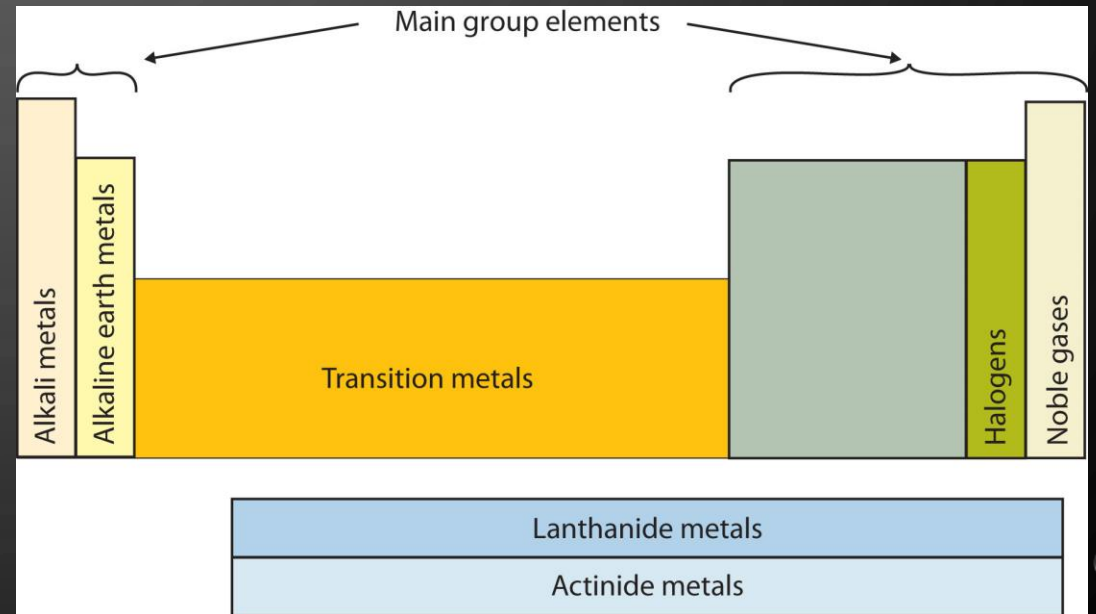


The background is dark grey with several realistic-looking bubbles of various sizes scattered in the corners. The text is centered and reads:

THE PERIODIC TABLE IS ARRANGED
BY
GROUPS
&
PERIODS

GROUPS

- VERTICAL COLUMN OF ELEMENTS WITH SIMILAR PROPERTIES
- GROUPS ARE NUMBERED
- 1 – 18



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