

Official Periodic Table of Elements

Everything around us is made up of elements. We currently know of 118. Each one has a number based on how many protons it has. On the periodic table of elements, they are arranged in numerical order and grouped in columns of elements with similar properties.

Group 1	1 H Hydrogen	Group 2	2 He Helium
Period 1	3 Li Lithium	4 Be Beryllium	10 Ne Neon
Period 2	11 Na Sodium	12 Mg Magnesium	18 Ar Argon
Period 3	19 K Potassium	20 Ca Calcium	36 Kr Krypton
Period 4	37 Rb Rubidium	38 Sr Strontium	54 Xe Xenon
Period 5	55 Cs Cesium	56 Ba Barium	86 Rn Radon
Period 6	87 Fr Francium	88 Ra Radium	118 Og Oganesson
Period 7			

Group 3	Group 4	Group 5	Group 6	Group 7	Group 8	Group 9	Group 10	Group 11	Group 12	Group 13	Group 14	Group 15	Group 16	Group 17	
21 Sc Scandium	22 Ti Titanium	23 V Vanadium	24 Cr Chromium	25 Mn Manganese	26 Fe Iron	27 Co Cobalt	28 Ni Nickel	29 Cu Copper	30 Zn Zinc	31 Ga Gallium	32 Ge Germanium	33 As Arsenic	34 Se Selenium	35 Br Bromine	
39 Y Yttrium	40 Zr Zirconium	41 Nb Niobium	42 Mo Molybdenum	43 Tc Technetium	44 Ru Ruthenium	45 Rh Rhodium	46 Pd Palladium	47 Ag Silver	48 Cd Cadmium	49 In Indium	50 Sn Tin	51 Sb Antimony	52 Te Tellurium	53 I Iodine	
Lanthanides	72 Hf Hafnium	73 Ta Tantalum	74 W Tungsten	75 Re Rhenium	76 Os Osmium	77 Ir Iridium	78 Pt Platinum	79 Au Gold	80 Hg Mercury	81 Tl Thallium	82 Pb Lead	83 Bi Bismuth	84 Po Polonium	85 At Astatine	
Actinides	104 Rf Rutherfordium	105 Db Dubnium	106 Sg Seaborgium	107 Bh Bohrium	108 Hs Hassium	109 Mt Meitnerium	110 Ds Darmstadtium	111 Rg Roentgenium	112 Cn Copernicium	113 Nh Nihonium	114 Fl Flerovium	115 Mc Moscovium	116 Lv Livermorium	117 Ts Tennessine	
	57 La Lanthanum	58 Ce Cerium	59 Pr Praseodymium	60 Nd Neodymium	61 Pm Promethium	62 Sm Samarium	63 Eu Europium	64 Gd Gadolinium	65 Tb Terbium	66 Dy Dysprosium	67 Ho Holmium	68 Er Erbium	69 Tm Thulium	70 Yb Ytterbium	71 Lu Lutetium
	89 Ac Actinium	90 Th Thorium	91 Pa Protactinium	92 U Uranium	93 Np Neptunium	94 Pu Plutonium	95 Am Americium	96 Cm Curium	97 Bk Berkelium	98 Cf Californium	99 Es Einsteinium	100 Fm Fermium	101 Md Mendelevium	102 No Nobelium	103 Lr Lawrencium



Our bodies are made of elements!



Are any of these symbols for something good to eat?

I've already memorized the whole table!



Legend

Atomic number ↑
 *State of matter
 Chemical symbol
 Name

Gas (Yellow square)
 Solid (Green square)
 Liquid (Blue square)
 Unknown (Grey square)

*State at 20°C, 1 atmospheric pressure, unmixed with other elements