

Periodic Table — Electron Block Classification

s-block · p-block · d-block · f-block — based on outermost electron subshell | periodictableonline.com

		s-block (Groups 1–2, H, He)				p-block (Groups 13–18)				d-block (Groups 3–12, Transition metals)				f-block (Lanthanides & Actinides)					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1		1 H s-block																	2 He s-block
2		3 Li s-block	4 Be s-block											5 B p-block	6 C p-block	7 N p-block	8 O p-block	9 F p-block	10 Ne p-block
3		11 Na s-block	12 Mg s-block											13 Al p-block	14 Si p-block	15 P p-block	16 S p-block	17 Cl p-block	18 Ar p-block
4		19 K s-block	20 Ca s-block	21 Sc d-block	22 Ti d-block	23 V d-block	24 Cr d-block	25 Mn d-block	26 Fe d-block	27 Co d-block	28 Ni d-block	29 Cu d-block	30 Zn d-block	31 Ga p-block	32 Ge p-block	33 As p-block	34 Se p-block	35 Br p-block	36 Kr p-block
5		37 Rb s-block	38 Sr s-block	39 Y d-block	40 Zr d-block	41 Nb d-block	42 Mo d-block	43 Tc d-block	44 Ru d-block	45 Rh d-block	46 Pd d-block	47 Ag d-block	48 Cd d-block	49 In p-block	50 Sn p-block	51 Sb p-block	52 Te p-block	53 I p-block	54 Xe p-block
6		55 Cs s-block	56 Ba s-block	57 La d-block	72 Hf d-block	73 Ta d-block	74 W d-block	75 Re d-block	76 Os d-block	77 Ir d-block	78 Pt d-block	79 Au d-block	80 Hg d-block	81 Tl p-block	82 Pb p-block	83 Bi p-block	84 Po p-block	85 At p-block	86 Rn p-block
7		87 Fr s-block	88 Ra s-block	89 Ac d-block	104 Rf d-block	105 Db d-block	106 Sg d-block	107 Bh d-block	108 Hs d-block	109 Mt d-block	110 Ds d-block	111 Rg d-block	112 Cn d-block	113 Nh p-block	114 Fl p-block	115 Mc p-block	116 Lv p-block	117 Ts p-block	118 Og p-block
				57 La d-block	58 Ce f-block	59 Pr f-block	60 Nd f-block	61 Pm f-block	62 Sm f-block	63 Eu f-block	64 Gd f-block	65 Tb f-block	66 Dy f-block	67 Ho f-block	68 Er f-block	69 Tm f-block	70 Yb f-block	71 Lu f-block	
				89 Ac d-block	90 Th f-block	91 Pa f-block	92 U f-block	93 Np f-block	94 Pu f-block	95 Am f-block	96 Cm f-block	97 Bk f-block	98 Cf f-block	99 Es f-block	100 Fm f-block	101 Md f-block	102 No f-block	103 Lr f-block	

* Lanthanides (Z = 57–71) — f-block ** Actinides (Z = 89–103) — f-block