

## Die APP: Periodensystem Auskenner

Je nach Kenntnisstand der Schüler können bestimmte „Elementpakete“ ausgewählt werden.

### 1. Beginner

Periodic table showing elements 1-18. The main groups are highlighted in yellow. The noble gases (He, Ne, Ar, Kr, Xe, Rn) are highlighted in red.

Per.	I	II										III	IV	V	VI	VII	VIII	
	1	2										13	14	15	16	17	18	
1	1.008 H																4 20.2 He	
2	6.94 Li	9.01 Be															10.8 5 12 8 14 6 16 8 19 10 20.2 Ne	
3	23 11 Na	24.3 12 Mg	IIIa	IVa	Va	VIIa	VIIIa	IXa	Xa			27 13 Al	28.1 14 Si	31 15 P	32.1 16 S	35.5 17 Cl	39.9 18 Ar	
4	39.1 19 K	40.1 20 Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr
5	85.5 37 Rb	87.6 38 Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te	I	Xe
6	132.9 55 Cs	137.3 56 Ba	La	Hf	Ta	W	Re	Os	Ir	Pt	Au	Hg	Tl	Pb	Bi	Po	At	Rn
7	223 87 Fr	226 88 Ra	Ac	Rf	Db	Sg	Bh	Hs	Mt	Ds	Rg	Cn	Uut	F1				

### 2. 40 wichtige Elemente

Periodic table showing elements 1-18. The main groups and noble gases are highlighted in yellow. The noble gases (He, Ne, Ar, Kr, Xe, Rn) are highlighted in red.

Per.	I	II										III	IV	V	VI	VII	VIII	
	1	2										13	14	15	16	17	18	
1	1.008 H																4 20.2 He	
2	6.94 Li	9.01 Be															10.8 5 12 8 14 6 16 8 19 10 20.2 Ne	
3	23 11 Na	24.3 12 Mg	IIIa	IVa	Va	VIIa	VIIIa	IXa	Xa			27 13 Al	28.1 14 Si	31 15 P	32.1 16 S	35.5 17 Cl	39.9 18 Ar	
4	39.1 19 K	40.1 20 Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr
5	85.5 37 Rb	87.6 38 Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te	I	Xe
6	132.9 55 Cs	137.3 56 Ba	La	Hf	Ta	W	Re	Os	Ir	Pt	Au	Hg	Tl	Pb	Bi	Po	At	Rn
7	223 87 Fr	226 88 Ra	Ac	Rf	Db	Sg	Bh	Hs	Mt	Ds	Rg	Cn	Uut	F1				
Lanthanide			140.1 58 Ce	140.9 59 Pr	144.2 60 Nd	145 61 Pm	150.4 62 Sm	152 63 Eu	157.3 64 Gd	158.9 65 Tb	162.5 66 Dy	164.9 67 Ho	167.3 68 Er	168.9 69 Tm	173 70 Yb	175 71 Lu		
Actinide			232 88 Th	231 89 Pa	238 90 U	237 91 Np	238 92 Pu	241 93 Am	242 94 Cm	247 95 Bk	251 96 Cf	253 97 Es	257 98 Fm	261 99 Md	265 100 No	266 101 Lr		

### 3. Elemente nach dem Infoblatt V04 bzw. Arbeitsblatt W04::

Periodic table showing elements 1-18. The main groups and noble gases are highlighted in yellow. The noble gases (He, Ne, Ar, Kr, Xe, Rn) are highlighted in red.

Per.	I	II										III	IV	V	VI	VII	VIII	
	1	2										13	14	15	16	17	18	
1	1.008 H																4 20.2 He	
2	6.94 Li	9.01 Be															10.8 5 12 8 14 6 16 8 19 10 20.2 Ne	
3	23 11 Na	24.3 12 Mg	IIIa	IVa	Va	VIIa	VIIIa	IXa	Xa			27 13 Al	28.1 14 Si	31 15 P	32.1 16 S	35.5 17 Cl	39.9 18 Ar	
4	39.1 19 K	40.1 20 Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr
5	85.5 37 Rb	87.6 38 Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te	I	Xe
6	132.9 55 Cs	137.3 56 Ba	La	Hf	Ta	W	Re	Os	Ir	Pt	Au	Hg	Tl	Pb	Bi	Po	At	Rn
7	223 87 Fr	226 88 Ra	Ac	Rf	Db	Sg	Bh	Hs	Mt	Ds	Rg	Cn	Uut	F1				
Lanthanide			140.1 58 Ce	140.9 59 Pr	144.2 60 Nd	145 61 Pm	150.4 62 Sm	152 63 Eu	157.3 64 Gd	158.9 65 Tb	162.5 66 Dy	164.9 67 Ho	167.3 68 Er	168.9 69 Tm	173 70 Yb	175 71 Lu		
Actinide			232 88 Th	231 89 Pa	238 90 U	237 91 Np	238 92 Pu	241 93 Am	242 94 Cm	247 95 Bk	251 96 Cf	253 97 Es	257 98 Fm	261 99 Md	265 100 No	266 101 Lr		

### 4. Alle Hauptgruppenelemente

### 5. Alle Elemente