

This is the Eadie-Alexander Arrangement of the Elements.

All the elements proven by 2020 are there, with their: symbols, names, atomic numbers, block positions, melting and boiling points, and electron configurations.

To convert this chart into a model with all elements and blocks to the AAE's consecutive order, some work will be necessary, but rewarding.

Print this on a single sheet set in **portrait & scale to fit..** Cut around the whole chart inside the outer black line. Score from edge to edge for bending at the black lines within the chart and also at the two dashed lines running in the other direction - some right over some of the Main Group elements (pink & blue).

After that, fold forward between blocks at both scores with white & black, & back at the three all black scores.

Those three result in the D- and F-blocks on 2-sided pages & the Main Group also folded.

Glue or double face tape near the open edges to keep both sides together when in use later.

Your E-AAE is fully functional now, and when read from the yellow H & He in the P-block, down to the fold past the S-block and flipped back, the rest of the P-block is there, and continuing that process will show the full connection of all the blocks and elements!

Fold along the dashes to fit your wallet, and **find out why the scoring was important!**

La Lanthanum *4f 57 920 3469	Ac Actinium *5f 89 1050 3200
Ce Cerium *4f 58 795 3257	Th Thorium *5f 90 1750 4790
Pr Praseodymium 4f 59 935 3127	Pa Protactinium *5f 91 1568 4027
Nd Neodymium 4f 60 1010 3127	U Uranium *5f 92 1132 3818
Pm Promethium 4f 61 1100 3000	Np Neptunium *5f 93 640 3902
Sm Samarium 4f 62 1072 1900	Pu Plutonium 5f 94 640 3235
Eu Europium 4f 63 822 1597	Am Americium 5f 95 994 2607
Gd Gadolinium *4f 64 1311 3233	Cm Curium *5f 96 1340 3110
Tb Terbium 4f 65 1360 3041	Bk Berkelium 5f 97 986 2627
Dy Dysprosium 4f 66 1412 2562	Cf Californium 5f 98 900 1470
Ho Holmium 4f 67 1470 2720	Es Einsteinium 5f 99 860 996
Er Erbium 4f 68 1522 2510	Fm Fermium 5f 100 1527
Tm Thulium 4f 69 1545 1727	Md Mendelevium 5f 101 827
Yb Ytterbium 4f 70 824 1466	No Nobelium 5f 102 827

Sc Scandium 3d 21 1539 2832	Y Yttrium 4d 39 1523 3337
Ti Titanium 3d 22 1660 3287	Zr Zirconium 4d 40 1852 4377
V Vanadium 3d 23 1890 3380	Nb Niobium *4d 41 2468 4927
Cr Chromium 3d 24 1857 2672	Mo Molybdenum *4d 42 2617 4612
Mn Manganese 3d 25 1245 1962	Tc Technetium 4d 43 2200 4877
Fe Iron 3d 26 1535 2750	Ru Ruthenium *4d 44 2250 3900
Co Cobalt 3d 27 1495 2870	Rh Rhodium *4d 45 1966 3727
Ni Nickel 3d 28 1453 2732	Pd Palladium *4d 46 1552 2927
Cu Copper 3d 29 1083 2567	Ag Silver *4d 47 962 2212
Zn Zinc 3d 30 420 907	Cd Cadmium 4d 48 321 765

Lu Lutetium 5d 71 1656 3315	Lr Lawrencium *6d 103 1627
Hf Hafnium 5d 72 2150 5400	Rf Rutherfordium 6d 104
Ta Tantalum 5d 73 2996 5425	Db Dubnium 6d 105
W Tungsten 5d 74 3410 5660	Sg Seaborgium 6d 106
Re Rhenium 5d 75 3180 5627	Bh Bohrium 6d 107
Os Osmium 5d 76 3045 5027	Hs Hassium 6d 108
Ir Iridium 5d 77 2410 4527	Mt Meitnerium 6d 109
Pt Platinum *5d 78 1772 3827	Ds Darmstadtium 6d 110
Au Gold *5d 79 1064 2807	Rg Roentgenium 6d 111
Hg Mercury 5d 80 -39 357	Cn Copernicium 6d 112

B Boron 2p 5 2300 2550	Al Aluminum 3p 13 660 2467	Ga Gallium 4p 31 30 2403	In Indium 5p 49 157 2000	Tl Thallium 6p 81 303 1457	Nh Nihonium 113 113	
C Carbon 2p 6 3500 4827	Si Silicon 3p 14 1410 2355	Ge Germanium 4p 32 937 2830	Sn Tin 5p 50 232 2270	Pb Lead 6p 82 327 1740	Fl Flerovium 114 114	
N Nitrogen 2p 7 -210 -196	P Phosphorus 3p 15 44 280	As Arsenic 4p 33 81 613	Sb Antimony 5p 51 630 1750	Bi Bismuth 6p 83 271 1560	Mc Moscovium 115 115	
O Oxygen 2p 8 -218 -183	S Sulfur 3p 16 113 445	Se Selenium 4p 34 217 685	Te Tellurium 5p 52 449 990	Po Polonium 6p 84 254 962	Lv Livermorium 116 116	
H Hydrogen 1s 1 -259 -253	F Fluorine 2p 9 -220 188	Cl Chlorine 3p 17 -101 -35	Br Bromine 4p 35 -7 59	I Iodine 5p 53 114 184	At Astatine 6p 85 302 337	Ts Tennessine 117 117
He Helium 1s 2 -272 -269	Ne Neon 2p 10 -249 -246	Ar Argon 3p 18 -189 -186	Kr Krypton 4p 36 -157 -153	Xe Xenon 5p 54 -112 -108	Rn Radon 6p 86 -71 -62	Og Oganesson 118 118
Li Lithium 2s 3 180 1347	Na Sodium 3s 11 98 883	K Potassium 4s 19 64 774	Rb Rubidium 5s 37 39 688	Cs Cesium 6s 55 29 678	Fr Francium 7s 87 27 677	Jt Janetium 119 119
Be Beryllium 2s 4 1278 2970	Mg Magnesium 3s 12 639 1090	Ca Calcium 4s 20 839 1484	Sr Strontium 5s 38 769 1384	Ba Barium 6s 56 725 1140	Ra Radium 7s 88 700 1737	Un Unobtainium 120 120

the Eadie - Alexander Arrangement of Elements

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