






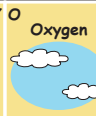

















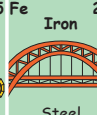
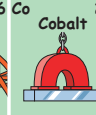
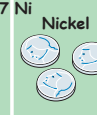
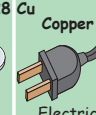

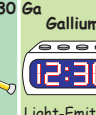

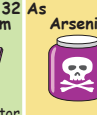

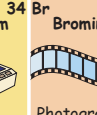
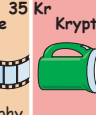




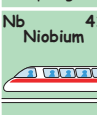
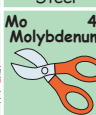

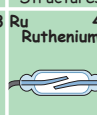
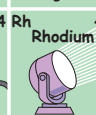
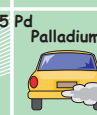

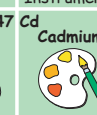






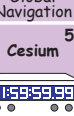

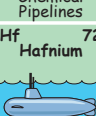


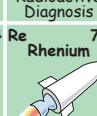
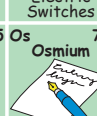
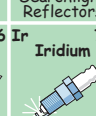



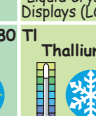
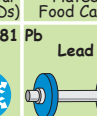

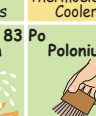
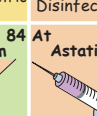




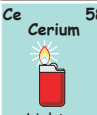




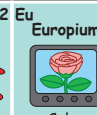
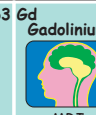
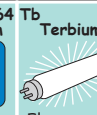




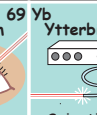





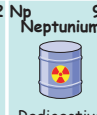


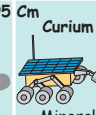


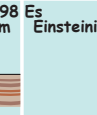


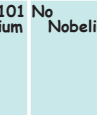


The Periodic Table of the Elements, in Pictures

Periods	Alkali Metals Group 1	Alkali Earth Metals 2	Transition Metals										Boron Group 13	Carbon Group 14	Nitrogen Group 15	Oxygen Group 16	Halogens 17	Noble Gases 18														
1	H Hydrogen 1 																	He Helium 2 														
2	Li Lithium 3 	Be Beryllium 4 											B Boron 5 	C Carbon 6 	N Nitrogen 7 	O Oxygen 8 	F Fluorine 9 	Ne Neon 10 														
3	Na Sodium 11 	Mg Magnesium 12 											Al Aluminum 13 	Si Silicon 14 	P Phosphorus 15 	S Sulfur 16 	Cl Chlorine 17 	Ar Argon 18 														
4	K Potassium 19 	Ca Calcium 20 	Sc Scandium 21 	Ti Titanium 22 	V Vanadium 23 	Cr Chromium 24 	Mn Manganese 25 	Fe Iron 26 	Co Cobalt 27 	Ni Nickel 28 	Cu Copper 29 	Zn Zinc 30 	Ga Gallium 31 	Ge Germanium 32 	As Arsenic 33 	Se Selenium 34 	Br Bromine 35 	Kr Krypton 36 														
5	Rb Rubidium 37 	Sr Strontium 38 	Y Yttrium 39 	Zr Zirconium 40 	Nb Niobium 41 	Mo Molybdenum 42 	Tc Technetium 43 	Ru Ruthenium 44 	Rh Rhodium 45 	Pd Palladium 46 	Ag Silver 47 	Cd Cadmium 48 	In Indium 49 	Sn Tin 50 	Sb Antimony 51 	Te Tellurium 52 	I Iodine 53 	Xe Xenon 54 														
6	Cs Cesium 55 	Ba Barium 56 	57 - 71 Rare Earth Metals	Hf Hafnium 72 	Ta Tantalum 73 	W Tungsten 74 	Re Rhenium 75 	Os Osmium 76 	Ir Iridium 77 	Pt Platinum 78 	Au Gold 79 	Hg Mercury 80 	Tl Thallium 81 	Pb Lead 82 	Bi Bismuth 83 	Po Polonium 84 	At Astatine 85 	Rn Radon 86 														
7	Fr Francium 87 	Ra Radium 88 	89 - 103 Actinide Metals	Superheavy Elements radioactive, never found in nature, no uses except atomic research										113	114	115	116	117	118													
8	Rare Earth Metals		Actinide Metals																													
			La Lanthanum 57 	Ce Cerium 58 	Pr Praseodymium 59 	Nd Neodymium 60 	Pm Promethium 61 	Sm Samarium 62 	Eu Europium 63 	Gd Gadolinium 64 	Tb Terbium 65 	Dy Dysprosium 66 	Ho Holmium 67 	Er Erbium 68 	Tm Thulium 69 	Yb Ytterbium 70 	Lu Lutetium 71 	Ac Actinium 89 	Th Thorium 90 	Pa Protactinium 91 	U Uranium 92 	Np Neptunium 93 	Pu Plutonium 94 	Am Americium 95 	Cm Curium 96 	Bk Berkelium 97 	Cf Californium 98 	Es Einsteinium 99 	Fm Fermium 100 	Md Mendeleevium 101 	No Nobelium 102 	Lr Lawrencium 103 