





Animals like beavers or birds utilize their resources to create living spots for themselves, but humans have created larger cities and houses that become a luxury to live in.



Humans have adapted using this ingenuity to create cities and places for humans to live while also creating technology that advances past what any other species.

# Periodic Table of Elements



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18																				
1 <b>H</b> Hydrogen 1.00794	<table border="1"> <tr> <td><b>C</b> Solid</td> <td><b>Hg</b> Liquid</td> <td><b>H</b> Gas</td> <td><b>Rf</b> Unknown</td> </tr> </table>																<b>C</b> Solid	<b>Hg</b> Liquid	<b>H</b> Gas	<b>Rf</b> Unknown	2 <b>He</b> Helium 4.002602																
<b>C</b> Solid	<b>Hg</b> Liquid	<b>H</b> Gas	<b>Rf</b> Unknown																																		
3 <b>Li</b> Lithium 6.941	4 <b>Be</b> Beryllium 9.012182	<table border="1"> <tr> <td>Alkali metals</td> <td>Alkaline earth metals</td> <td>Metals</td> <td>Poor metals</td> <td>Nonmetals</td> </tr> <tr> <td></td> <td></td> <td>Lanthanoids</td> <td>Transition metals</td> <td></td> </tr> <tr> <td></td> <td></td> <td>Actinoids</td> <td></td> <td>Other nonmetals</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>Noble gases</td> </tr> </table>										Alkali metals	Alkaline earth metals	Metals	Poor metals	Nonmetals			Lanthanoids	Transition metals				Actinoids		Other nonmetals					Noble gases	5 <b>B</b> Boron 10.811	6 <b>C</b> Carbon 12.011	7 <b>N</b> Nitrogen 14.00644	8 <b>O</b> Oxygen 15.999	9 <b>F</b> Fluorine 18.9984032	10 <b>Ne</b> Neon 20.1797
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		Lanthanoids	Transition metals																																		
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11 <b>Na</b> Sodium 22.98976928	12 <b>Mg</b> Magnesium 24.3050	13 <b>Al</b> Aluminum 26.9815386	14 <b>Si</b> Silicon 28.0855	15 <b>P</b> Phosphorus 30.973762	16 <b>S</b> Sulfur 32.06	17 <b>Cl</b> Chlorine 35.453	18 <b>Ar</b> Argon 39.948																														
19 <b>K</b> Potassium 39.0983	20 <b>Ca</b> Calcium 40.078	21 <b>Sc</b> Scandium 44.955912	22 <b>Ti</b> Titanium 47.887	23 <b>V</b> Vanadium 50.9415	24 <b>Cr</b> Chromium 51.9961	25 <b>Mn</b> Manganese 54.938045	26 <b>Fe</b> Iron 55.845	27 <b>Co</b> Cobalt 58.933195	28 <b>Ni</b> Nickel 58.6934	29 <b>Cu</b> Copper 63.546	30 <b>Zn</b> Zinc 65.38	31 <b>Ga</b> Gallium 69.723	32 <b>Ge</b> Germanium 72.64	33 <b>As</b> Arsenic 74.9216	34 <b>Se</b> Selenium 78.96	35 <b>Br</b> Bromine 79.904	36 <b>Kr</b> Krypton 83.798																				
37 <b>Rb</b> Rubidium 85.4678	38 <b>Sr</b> Strontium 87.62	39 <b>Y</b> Yttrium 88.90584	40 <b>Zr</b> Zirconium 91.224	41 <b>Nb</b> Niobium 92.90638	42 <b>Mo</b> Molybdenum 95.96	43 <b>Tc</b> Technetium (97.907)	44 <b>Ru</b> Ruthenium 101.07	45 <b>Rh</b> Rhodium 102.90550	46 <b>Pd</b> Palladium 106.42	47 <b>Ag</b> Silver 107.8682	48 <b>Cd</b> Cadmium 112.411	49 <b>In</b> Indium 114.818	50 <b>Sn</b> Tin 118.710	51 <b>Sb</b> Antimony 121.757	52 <b>Te</b> Tellurium 127.60	53 <b>I</b> Iodine 126.9050	54 <b>Xe</b> Xenon 131.29																				
55 <b>Cs</b> Cesium 132.90545196	56 <b>Ba</b> Barium 137.327	57-71 <b>Lanthanoids</b>	72 <b>Hf</b> Hafnium 178.49	73 <b>Ta</b> Tantalum 180.94788	74 <b>W</b> Tungsten 183.84	75 <b>Re</b> Rhenium 186.207	76 <b>Os</b> Osmium 190.23	77 <b>Ir</b> Iridium 192.222	78 <b>Pt</b> Platinum 195.084	79 <b>Au</b> Gold 196.966569	80 <b>Hg</b> Mercury 200.59	81 <b>Tl</b> Thallium 204.3833	82 <b>Pb</b> Lead 207.2	83 <b>Bi</b> Bismuth 208.9804	84 <b>Po</b> Polonium (209)	85 <b>At</b> Astatine (210)	86 <b>Rn</b> Radon 222.01758																				
87 <b>Fr</b> Francium (223)	88 <b>Ra</b> Radium (226)	89-103 <b>Actinoids</b>	104 <b>Rf</b> Rutherfordium (261)	105 <b>Db</b> Dubnium (262)	106 <b>Sg</b> Seaborgium (266)	107 <b>Bh</b> Bohrium (264)	108 <b>Hs</b> Hassium (277)	109 <b>Mt</b> Meitnerium (268)	110 <b>Ds</b> Darmstadtium (271)	111 <b>Rg</b> Roentgenium (272)	112 <b>Cn</b> Copernicium (285)	113 <b>Uub</b> Ununbium (288)	114 <b>Uuq</b> Ununquadium (289)	115 <b>Uup</b> Ununpentium (288)	116 <b>Uuh</b> Ununhexium (289)	117 <b>Uus</b> Ununseptium (289)	118 <b>Uuo</b> Ununoctium (286)																				
For elements with no stable isotopes, the mass number of the isotope with the longest half-life is in parentheses.																																					
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57 <b>La</b> Lanthanum 138.90547	58 <b>Ce</b> Cerium 140.12	59 <b>Pr</b> Praseodymium 140.90768	60 <b>Nd</b> Neodymium 144.242	61 <b>Pm</b> Promethium (145)	62 <b>Sm</b> Samarium 150.36	63 <b>Eu</b> Europium 151.964	64 <b>Gd</b> Gadolinium 157.25	65 <b>Tb</b> Terbium 158.92535	66 <b>Dy</b> Dysprosium 162.500	67 <b>Ho</b> Holmium 164.93032	68 <b>Er</b> Erbium 167.259	69 <b>Tm</b> Thulium 168.93401	70 <b>Yb</b> Ytterbium 173.054	71 <b>Lu</b> Lutetium 174.967	89 <b>Ac</b> Actinium (227)	90 <b>Th</b> Thorium 232.03806	91 <b>Pa</b> Protactinium 231.03688	92 <b>U</b> Uranium 238.02891	93 <b>Np</b> Neptunium (237)	94 <b>Pu</b> Plutonium (244)	95 <b>Am</b> Americium (243)	96 <b>Cm</b> Curium (247)	97 <b>Bk</b> Berkelium (247)	98 <b>Cf</b> Californium (251)	99 <b>Es</b> Einsteinium (252)	100 <b>Fm</b> Fermium (257)	101 <b>Md</b> Mendelevium (258)	102 <b>No</b> Nobelium (259)	103 <b>Lr</b> Lawrencium (260)								

Humans curiosity has led to the discovery of different types of sciences and math.  
Curiosity keep humans wanting to have more knowledge which leads to new discoveries.



Humans interact with one another more than any other species they keep track of one another through different continents and countries. We are self conscious and care and about other opinions which can alter our own decisions.



Humans physical characteristics are unique, species like primate and bird are bipedal like humans but the shape of humans spine and upper body support humans in a different way of other species.



It takes a human between 15-21 years to reach full adulthood unlike most other species where it takes only a few years. The extra time spent in reaching full adulthood help the brain develop which leads to the characteristics we display.



Humans utilize tools the most, humans utilize fire to light up dark places and to cook raw meat. Fire is utilized in multiple different sometimes for warmth or for light but humans are the only species that manipulate fire. Weapons were created for self defense and hunting to make up for the physical disadvantages human have over different species