

STAAR GRADE 8 SCIENCE REFERENCE MATERIALS

PERIODIC TABLE OF THE ELEMENTS

1 1A	2 2A	3 3B	4 4B	5 5B	6 6B	7 7B	8 8B	9 9B	10 10	11 11B	12 12B	13 3A	14 4A	15 5A	16 6A	17 7A	18 8A																																																																																							
1 H 1.008 Hydrogen	2 He 4.003 Helium	3 Li 6.941 Lithium	4 Be 9.012 Beryllium	5 Na 22.990 Sodium	6 Mg 24.305 Magnesium	7 Al 26.982 Aluminum	8 Si 28.086 Silicon	9 P 30.974 Phosphorus	10 S 32.066 Sulfur	11 Cl 35.453 Chlorine	12 Ar 39.948 Argon	13 K 39.098 Potassium	14 Ca 40.078 Calcium	15 Sc 44.956 Scandium	16 Ti 47.867 Titanium	17 V 50.942 Vanadium	18 Cr 51.996 Chromium	19 Mn 54.938 Manganese	20 Fe 55.845 Iron	21 Co 58.933 Cobalt	22 Ni 58.693 Nickel	23 Cu 63.546 Copper	24 Zn 65.38 Zinc	25 Ga 69.723 Gallium	26 Ge 72.64 Germanium	27 As 74.922 Arsenic	28 Se 78.96 Selenium	29 Br 79.904 Bromine	30 Kr 83.798 Krypton	31 Rb 85.468 Rubidium	32 Sr 87.62 Strontium	33 Y 88.906 Yttrium	34 Zr 91.224 Zirconium	35 Nb 92.906 Niobium	36 Mo 95.96 Molybdenum	37 Tc (98) Technetium	38 Ru 101.07 Ruthenium	39 Rh 102.906 Rhodium	40 Pd 106.42 Palladium	41 Ag 107.868 Silver	42 Cd 112.412 Cadmium	43 In 114.818 Indium	44 Sn 118.711 Tin	45 Sb 121.760 Antimony	46 Te 127.60 Tellurium	47 I 126.904 Iodine	48 Xe 131.294 Xenon	49 Cs 132.905 Cesium	50 Ba 137.328 Barium	51 La 138.905 Lanthanum	52 Pr 140.908 Praseodymium	53 Ce 140.116 Cerium	54 Nd 144.242 Neodymium	55 Pm (145) Promethium	56 Sm 150.36 Samarium	57 Eu 151.964 Europium	58 Gd 157.25 Gadolinium	59 Tb 158.925 Terbium	60 Dy 162.500 Dysprosium	61 Ho 164.930 Holmium	62 Er 167.259 Erbium	63 Tm 168.934 Thulium	64 Yb 173.055 Ytterbium	65 Lu 174.967 Lutetium	66 Hf 178.49 Hafnium	67 Ta 180.948 Tantalum	68 W 183.84 Tungsten	69 Re 186.207 Rhenium	70 Os 190.23 Osmium	71 Ir 192.217 Iridium	72 Pt 195.085 Platinum	73 Au 196.967 Gold	74 Hg 200.59 Mercury	75 Tl 204.383 Thallium	76 Pb 207.2 Lead	77 Bi 208.980 Bismuth	78 Po (209) Polonium	79 At (210) Astatine	80 Rn (222) Radon	81 Fr (223) Francium	82 Ra (226) Radium	83 Ac (227) Actinium	84 Th 232.038 Thorium	85 Pa 231.036 Protactinium	86 U 238.029 Uranium	87 Np (237) Neptunium	88 Pu (244) Plutonium	89 Am (243) Americium	90 Cm (247) Curium	91 Bk (247) Berkelium	92 Cf (251) Californium	93 Es (252) Einsteinium	94 Fm (257) Fermium	95 Md (258) Mendelevium	96 No (259) Nobelium	97 Lr (262) Lawrencium	98 Rf (267) Rutherfordium	99 Db (268) Dubnium	100 Sg (271) Seaborgium	101 Bh (272) Bohrium	102 Hs (270) Hassium	103 Mt (276) Meitnerium	104 Ds (281) Darmstadtium	105 Rg (280) Roentgenium

Atomic number — 14
 Symbol — **Si**
 Atomic mass — 28.086
 Name — Silicon

Mass numbers in parentheses are those of the most stable or most common isotope.

Lanthanide Series
 Actinide Series