



# MIDDLE SCHOOL SCIENCE STAAR REFERENCE MATERIALS



## PERIODIC TABLE OF THE ELEMENTS

1	1A	1 <b>H</b> 1.008 Hydrogen	2	2A											13	14	15	16	17	18	8A
2		3 <b>Li</b> 6.94 Lithium	4												5	6	7	8	9	10	
3		11 <b>Na</b> 22.990 Sodium	12		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
4		19 <b>K</b> 39.098 Potassium	20		3B	4B	5B	6B	7B	8	9	10	11	12	13	14	15	16	17	18	
5		37 <b>Rb</b> 85.468 Rubidium	38		Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	31	32	33	34	35	36	
6		55 <b>Cs</b> 132.91 Cesium	56		Lu	Hf	Ta	W	Re	Os	Ir	Pt	Au	Hg	81	82	83	84	85	86	
7		87 <b>Fr</b>	88		Lr	Rf	Db	Sg	Bh	Hs	Mt	Ds	Rg	Cn	113	114	115	116	117	118	
		Francium	Radium		Lawrencium	Rutherfordium	Dubnium	Seaborgium	Bohrium	Hassium	Meitnerium	Darmstadtium	Roentgenium	Copernicium	Nihonium	Flerovium	Moscovium	Livermorium	Tennessee	Oganesson	

Atomic number — 14  
 Symbol — **Si**  
 Atomic mass — 28.085  
 Name — Silicon

Atomic masses are not listed for elements with no stable or common isotopes.

Lanthanide Series

57 <b>La</b> 138.91 Lanthanum	58 <b>Ce</b> 140.12 Cerium	59 <b>Pr</b> 140.91 Praseodymium	60 <b>Nd</b> 144.24 Neodymium	61 <b>Pm</b>	62 <b>Sm</b> 150.36 Samarium	63 <b>Eu</b> 151.96 Europium	64 <b>Gd</b> 157.25 Gadolinium	65 <b>Tb</b> 158.93 Terbium	66 <b>Dy</b> 162.50 Dysprosium	67 <b>Ho</b> 164.93 Holmium	68 <b>Er</b> 167.26 Erbium	69 <b>Tm</b> 168.93 Thulium	70 <b>Yb</b> 173.05 Ytterbium
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Actinide Series

89 <b>Ac</b> Actinium	90 <b>Th</b> 232.04 Thorium	91 <b>Pa</b> 231.04 Protactinium	92 <b>U</b> 238.03 Uranium	93 <b>Np</b> Neptunium	94 <b>Pu</b> Plutonium	95 <b>Am</b> Americium	96 <b>Cm</b> Curium	97 <b>Bk</b> Berkelium	98 <b>Cf</b> Californium	99 <b>Es</b> Einsteinium	100 <b>Fm</b> Fermium	101 <b>Md</b> Mendelevium	102 <b>No</b> Nobelium
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Updated 2017