

Periodic Table of the Elements (Used for Grade 8 and High School)

California Science Test

		Key																																					
		11	Atomic number								13	14	15	16	17	18																							
		Na	Element symbol								B	C	N	O	F	Ne																							
		Sodium	Element name								Boron	Carbon	Nitrogen	Oxygen	Fluorine	Neon																							
		22.99	Average atomic mass*								10.81	12.01	14.01	16.00	19.00	20.18																							
1	1A	1	H											18	8A	2	He	Helium	4.00																				
1		Hydrogen	1.01																																				
2	2A	3	Li	4	Be											5	B	6	C	7	N	8	O	9	F	10	Ne	Neon	20.18										
2		Lithium	6.94	Beryllium	9.01											Boron	10.81	Carbon	12.01	Nitrogen	14.01	Oxygen	16.00	Fluorine	19.00	Neon	20.18												
3		11	Na	12	Mg											13	Al	14	Si	15	P	16	S	17	Cl	18	Ar	Argon	39.95										
3		Sodium	22.99	Magnesium	24.31	3	3B	4	4B	5	5B	6	6B	7	7B	8	8B	9	9B	10	10B	11	11B	12	12B	Aluminum	26.98	Silicon	28.09	Phosphorus	30.97	Sulfur	32.07	Chlorine	35.45	Argon	39.95		
4		19	K	20	Ca	21	Sc	22	Ti	23	V	24	Cr	25	Mn	26	Fe	27	Co	28	Ni	29	Cu	30	Zn	31	Ga	32	Ge	33	As	34	Se	35	Br	36	Kr	Krypton	83.80
4		Potassium	39.10	Calcium	40.08	Scandium	44.96	Titanium	47.87	Vanadium	50.94	Chromium	52.00	Manganese	54.94	Iron	55.85	Cobalt	58.93	Nickel	58.69	Copper	63.55	Zinc	65.39	Gallium	69.72	Germanium	72.61	Arsenic	74.92	Selenium	78.96	Bromine	79.90	Krypton	83.80		
5		37	Rb	38	Sr	39	Y	40	Zr	41	Nb	42	Mo	43	Tc	44	Ru	45	Rh	46	Pd	47	Ag	48	Cd	49	In	50	Sn	51	Sb	52	Te	53	I	54	Xe	Xenon	131.29
5		Rubidium	85.47	Strontium	87.62	Yttrium	88.91	Zirconium	91.22	Niobium	92.91	Molybdenum	95.94	Technetium	(98)	Ruthenium	101.07	Rhodium	102.91	Palladium	106.42	Silver	107.87	Cadmium	112.41	Indium	114.82	Tin	118.71	Antimony	121.76	Tellurium	127.60	Iodine	126.90	Xenon	131.29		
6		55	Cs	56	Ba	57	La	72	Hf	73	Ta	74	W	75	Re	76	Os	77	Ir	78	Pt	79	Au	80	Hg	81	Tl	82	Pb	83	Bi	84	Po	85	At	86	Rn	Radon	(222)
6		Cesium	132.91	Barium	137.33	Lanthanum	138.91	Hafnium	178.49	Tantalum	180.95	Tungsten	183.84	Rhenium	186.21	Osmium	190.23	Iridium	192.22	Platinum	195.08	Gold	196.97	Mercury	200.59	Thallium	204.38	Lead	207.2	Bismuth	208.98	Polonium	(209)	Astatine	(210)	Radon	(222)		
7		87	Fr	88	Ra	89	Ac	104	Rf	105	Db	106	Sg	107	Bh	108	Hs	109	Mt	110	Ds	111	Rg	112	Cn	113	Nh	114	Fl	115	Mc	116	Lv	117	Ts	118	Og	Oganesson	(294)
7		Francium	(223)	Radium	(226)	Actinium	(227)	Rutherfordium	(261)	Dubnium	(262)	Seaborgium	(266)	Bohrium	(264)	Hassium	(269)	Meitnerium	(268)	Darmstadtium	(281)	Roentgenium	(280)	Copernicium	(285)	Nihonium	(284)	Flerovium	(289)	Moscovium	(288)	Livermorium	(293)	Tennessine	(294)	Oganesson	(294)		
		58	Ce	59	Pr	60	Nd	61	Pm	62	Sm	63	Eu	64	Gd	65	Tb	66	Dy	67	Ho	68	Er	69	Tm	70	Yb	71	Lu										
		Cerium	140.12	Praseodymium	140.91	Neodymium	144.24	Promethium	(145)	Samarium	150.36	Europium	151.96	Gadolinium	157.25	Terbium	158.93	Dysprosium	162.50	Holmium	164.93	Erbium	167.26	Thulium	168.93	Ytterbium	173.04	Lutetium	174.97										
		90	Th	91	Pa	92	U	93	Np	94	Pu	95	Am	96	Cm	97	Bk	98	Cf	99	Es	100	Fm	101	Md	102	No	103	Lr										
		Thorium	232.04	Protactinium	231.04	Uranium	238.03	Neptunium	(237)	Plutonium	(244)	Americium	(243)	Curium	(247)	Berkelium	(247)	Californium	(251)	Einsteinium	(252)	Fermium	(257)	Mendelevium	(258)	Nobelium	(259)	Lawrencium	(262)										

* If this number is in parentheses, then it refers to the atomic mass of the most stable isotope.