

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

California Science Test

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

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