

California Content Standards

1.d. Students know that each element is made of one kind of atom and that the elements are organized in the periodic table by their chemical properties.

Periodic table

The **periodic table** is a chart of all the elements we know about right now. The way the **elements** are arranged in this table is very important and very cool. Over the centuries, scientists have been experimenting and observing how elements react with each other (or not). They have realized that many **elements** have similar properties. The more the scientists investigated, the clearer it became that many **elements** should be grouped together because of their properties.

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1 H																		2 He										
3 Li																		9 F		10 Ne								
11 Na																		17 Cl		18 Ar								
19 K																		35 Br		36 Kr								
37 Rb																		53 I		54 Xe								
55 Cs																		85 At		86 Rn								
87 Fr																		113 Nh		114 Fl								
																		115 Mc		116 Lv								
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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
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

Let's take a tour of the periodic table."



In this **periodic table**, for each **element** the name, chemical symbol, and **atomic number** are found in each box.