

## Periodic Table (Basic) (Speedy Study Guides)

**Speedy Study Guides** **PERIODIC TABLE (BASIC)**

For elements with no space between the name and the symbol, the larger symbol is in parentheses.

**Hydrogen**  
Hydrogen is a chemical element with chemical symbol H and atomic number 1. With an atomic weight of 1.00794, hydrogen is the lightest element in the periodic table. Its occurrence as  $H_2$  is the most abundant chemical substance in the universe, constituting roughly 75% of all baryonic mass. Non-stellar stars are mainly composed of hydrogen in its plasma state. The most common isotope of hydrogen, termed protium (name rarely used, symbol  $^1H$ ), has a single proton and one neutron.

**Helium**  
Helium is a chemical element with symbol He and atomic number 2. It is a colorless, odorless, tasteless, non-toxic, inert, monatomic gas that heads the noble gas group in the periodic table. Its boiling and melting points are the lowest among the elements and it exists only as a gas except in extreme conditions.

**Lithium**  
Lithium (from Greek *λίθος*, *lithos*, "stone") is a chemical element with symbol Li and atomic number 3. It is a soft, silvery-white metal belonging to the alkali metal group of chemical elements. Under standard conditions it is the lightest metal and the least dense solid element. Like all alkali metals, lithium is highly reactive and flammable. For this reason, it is typically stored in mineral oil. When cut open, lithium exhibits a metallic luster, but contact with moist air corrodes the surface quickly to a dull silvery gray, then black tarnish. Because of its high reactivity, lithium never occurs freely in nature, and instead, only appears as compounds, which are usually ionic. Lithium occurs as a number of pegmatite minerals, but due to its volatility as an ion in presence in ocean water and is commonly obtained from brines and clays.

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### Reviews

*Extremely helpful to all type of individuals. It really is basic but excitement inside the 50 % of the pdf. Its been designed in an remarkably basic way and is particularly only right after i finished reading through this book in which basically transformed me, change the way i believe.  
(Agustina Treutel)*

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Speedy Publishing LLC, United States, 2014. Paperback. Book Condition: New. 280 x 216 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.The average chemistry student lives and breathes the information that is depicted on the periodic table. It is the entire comprehensive list of every element we know of, and from these elements all things in our known universe evolve. It also lists atomic weight and the amount of electrons each element has in its structure. A pamphlet that depicts this table would be a go-to-guide for all chemistry students throughout their schooling and possibly their career.



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