

Symbol Table for Education

Physics

Symbol	Meaning
a	Alpha Particle
b	Beta Ray
s	Conductivity
r	Density, Resistivity
h	Efficiency; Viscosity
e	Electromotive Force
e	Electronic Charge
n	Frequency; Neutrino
g	Gamma Ray; Photon
m	Micro-; Permeability
c	Velocity of Light
l	Wavelength

Chemistry

Symbol	Meaning
+	Plus; Together with
-	Single Bond
·	Single Bond; single Unpaired Electron
=	Double Bond
°	Tripple Bond
R	Group
X	Halogen Atom
Z	Atomic Number

Biology

Symbol	Meaning
□	Male (Inheritance)
○	Female (Inheritance)
♂	Male
♀	Female
x	Hybrid, Crossed
+	Wild type
F ₁	Offspring (First Gen.)
F ₂	Offspring (Second Gen)