Triatomic Encyclopedia Article

Triatomic

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A **molecule** is triatomic when it consists of three atoms.Water is an example of a triatomic molecule consisting of two **hydrogen** atoms and one **oxygen atom** combined to form a single molecule. As these atoms combine, there is shifting of **valence** electrons, i.e., the atoms in the outside **electron** shell, of each atom. When triatomic molecules are formed, the outer **energy** level of each atom is usually completed, either as the result of electron pair sharing or of the loss or gain of electrons.