

# ELECTRON

*Meaning: Electron: a negatively charged fundamental particle that orbits the nucleus of an atom and is essential for electricity and chemical bonding.*

1. The electron is a fundamental particle that plays a crucial role in electricity.
2. Scientists discovered that the movement of electrons within atoms is responsible for chemical bonding.
3. In a vacuum tube, electrons can flow freely, creating a flow of current.
4. The behavior of electrons in a magnetic field can lead to fascinating phenomena like electron diffraction.
5. Quantum mechanics explains how electrons exist in probability clouds rather than fixed orbits around the nucleus.

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*Source: [sentences.whatistheurl.com](https://sentences.whatistheurl.com)*

*<https://sentences.whatistheurl.com/sentence/electron>*