

Vocabulary

Use the vocabulary words and definitions below as a reference for this unit.

atom the smallest unit of an element that is still that element; the basic building block of matter

attract move toward each other

bond the attraction that holds two or more atoms together

charge a property of an object that causes it to be affected by a magnetic field

compound a substance formed when two or more elements combine chemically

electron the negatively charged particle of an atom; the electron moves around the center of the atom (nucleus)

element a substance that cannot be broken down into a simpler form by ordinary chemical means

energy level most likely location where the electron can be found around the center of the atom; any of the possible energies an electron may have in an atom

Vocabulary

molecule	two or more atoms that have a bond of shared electrons
negative charge	the charge of an electron
neutral	being neither positively nor negatively charged
neutron	the neutral particle found in the nucleus of an atom; a neutron has no charge
nucleus	the center region of an atom around which the electron(s) move
orbital	regions in an atom where electrons are found
positive charge	the charge of a proton; considered opposite of negative
proton	the positively charged particle in the nucleus of an atom
repel	push away from
theory	an explanation that has been tested by repeated observations