

Vocabulary

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Study the vocabulary words and definitions below.

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

molecule two or more atoms that have a bond of shared electrons

negative charge the charge of an electron

Vocabulary

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 middle part of an atom around which the electron(s) move

orbit the path(s) that the electron follows around the center of an atom

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

shell the space that electron(s) occupy while in a certain orbit