Matter

Element

Atom

Atomic Number

Atomic Mass

Proton

Neutron

Electron

Electron Shell

Nucleus

Valence Electrons

Positive

Negative

Neutral

Compound

Molecule

Covalent Bond

Ionic Bond

Cation

Anion

Hydrogen Bond

Anything that has mass and takes up space.

A group of atoms having the same atomic number.

The smallest matter.

The number of protons in an atom.

The number of protons plus the number of neutrons in an atom.

A subatomic particle found in the nucleus with a mass of one and a charge of +1.

A subatomic particle found in the nucleus with a mass of one and a neutral charge.

A subatomic particle found outside of the nucleus with no mass and a charge of -1.

The region around the nucleus of an atom.

The central region of an atom.

Electrons found in the outermost electron shell of an atom.

Charge on any subatomic particle attracted to other particles with a negative charge.

Charge on any subatomic particle attracted to other particles with a positive charge.

Charge on any subatomic particle not attracted to other particles.

Created by the formation of a covalent bond between two atoms.

Created by the formation of an ionic bond between two atoms.

Created when two atoms share valence electrons.

Created when two atoms donate or receive valence electrons to one another.

A positively charged atom.

A negatively charged atom.

Created when the slightly positive region of one molecule is attracted to the slightly negative region of another molecule.