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Date

GOAL:

Students will develop models to describe the atomic composition of simple molecules and extended structures.

VOCABULARY: Molecule- _____

LESSON: *Use the reading packet to fill in the following notes.*

Covalent

A _____ is the force of attraction that holds together _____

This forms a _____

Forms only between _____
(These are found on the right side of the _____ table).

Draw Figure 1. Circle the electrons that are being shared.

Covalent bonds form because they give atoms a more _____
Arrangement of electrons.

Ionic

An ionic bond is the force of attraction that holds together positive and negative _____.

This happens between _____ and _____.

Sodium loses an electron and becomes an ion with a _____ charge (symbol _____+)

Chlorine gains an electron and becomes an _____ with a negative charge (symbol _____-)

Opposite electrical charges _____ each other.