

Podcast help:

Podcast 1- Basics

- 3 types of bonds (types of atoms that make them up)
- what determines how an atom bonds
 - inside or outside?
- valence electrons
- octet rule, exceptions, how is it achieved?
- lewis dot diagrams and examples

Podcast 2 - ionic

- 0 = 8 (what does that mean?)
- characteristics/properties/why?
 - salt = ?
 - What happens if you would bump one of those lines, just a little bit, in the crystal lattice from the video in the podcast?
- Lewis dot for ionic bonds/ examples

Podcast 3 - metals

- characteristics
- what is unique about the bonding/the electrons
- color = ?, exceptions

Podcast 4 - covalent

- what do they do differently with their electrons when they bond?
- differences between single and double and triple bonds
- Electronegativity (what does it have to do with it?)
- nonpolar bonds vs. polar bonds
- dipole ?
- charged or not? based on?
- examples

Podcast 5 - Lewis structures

- rules
- unshared pairs ?
- LOTS of examples

Podcast 6:

- types of shapes
- rules for determining shapes
- why do we need to be concerned with shapes/ what do the shape differences affect?

Podcast 7:

- what is the difference between bond polarity and molecular polarity
- how is molecular polarity determined?
- make a chart

Podcast 8:

- compare types of intermolecular forces
- how are intermolecular forces different than intramolecular bonds
- what properties do intermolecular forces affect, how and why.

Podcast 9:

- summary CAN YOU FOLLOW