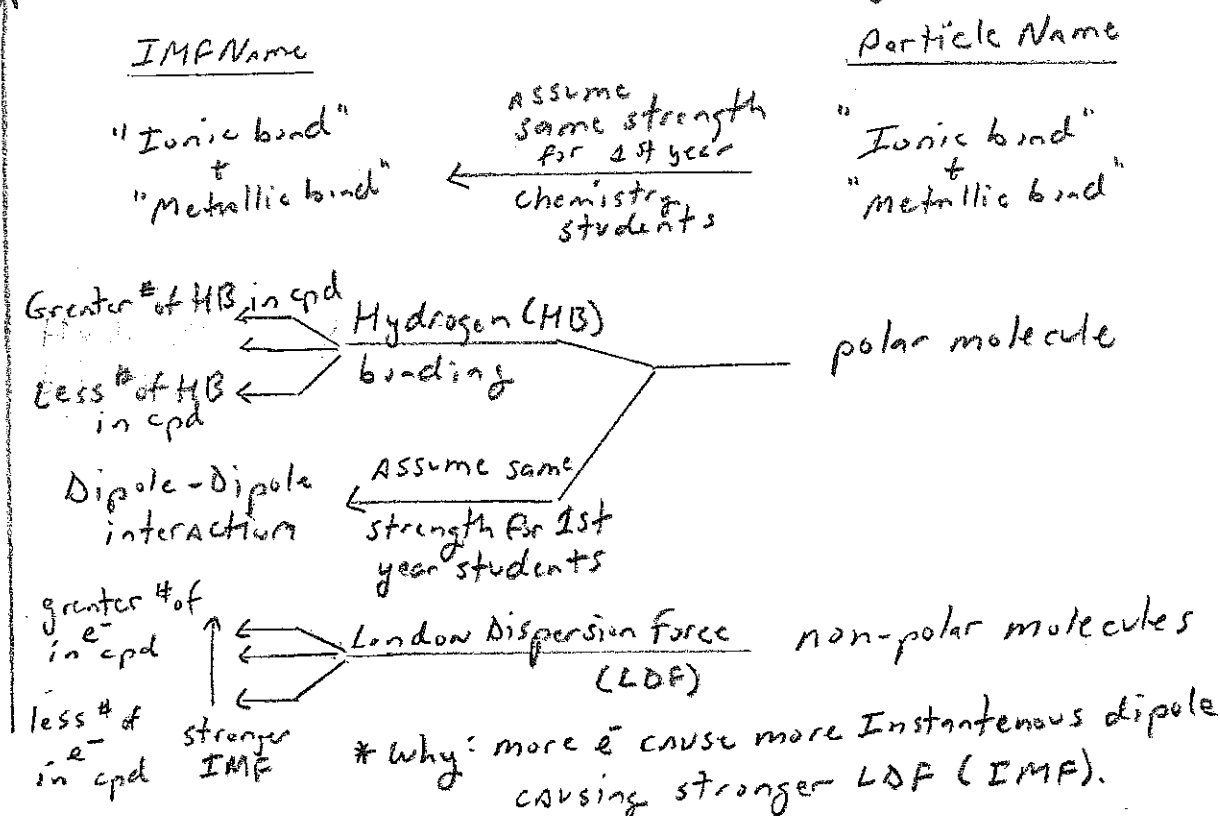


IMF and Physical Properties

- Det. of Physical process/property - DO NOT change base particle, only change how they relate to each other.
- * compound $\equiv$ cpd

Increase IMF $\uparrow$



Boiling / Boiling Point

- * See Links for detailed explanation.

General Rule:

Greater/higher IMF $\rightarrow$ less vapor particles @ given temp $\rightarrow$ low vapor pressure (P_{vap}) $\rightarrow$ higher Boiling point (BP)

Soluble/miscible (goes two substance "dissolve")

- See Links for detailed explanation.

General Rule:

"Likes dissolve likes" - substances that exert CF will "dissolve" into other substance that exert a CF.

not dissolve / immiscible $\rightarrow$ substance that do not exert CF will "dissolve" into other substance that do not exert a CF.

* At same Temp, highest IMF = solid, middle IMF = liquid, weakest IMF = Gas