**Classification of Matter**:

Being able to define a term and ACTUALLY understand the term are two entirely distinct things. When you understand a term you not only know it’s meaning but also its place in relation to other terms.To begin to understand chemistry at a deeper level it is important you take the time (now, and throughout the course) to learn the terminology. In essence, if you wish to speak ***Chemisnese*** you must first learn the words

This Mind Map should be ***multi-layered***, showing clear and concise connections between a term and all other terms that connect to that term, as well as A BRIEF explanation of the connection. The final copy should be in ***colour*** (multiple!) and contain ***drawn or printed pictures/diagrams***.

Be simplistic as possible, *EACH TERM IS NOT DIRECTLY CONNECTED TO EVERY OTHER TERM ON THE LIST*.

You can use the back of this page as a rough draft but good copies should be completed on a separate piece of paper. ***I will provide you will larger paper size if needed. SEE RUBRIC FOR GRADING DETAILS***

**Terms:**

***- Boiling Point - Condensation Point - Extensive Property - Intensive Property***

***- Melting Point - Freezing Point - Malleability - Ductility***

***- Sublimation - Reaction Vessel (system + surroundings) - Lustre - Colour***

***- Open System - Closed System - Hardness - Conductivity***

***- Phase - Phase Change - Volume - Mass***

***- Solid, Liquid, Gas - Particle***

***- Atom - Proton***

***- Electron - Neutron***

***- Molecule - Diatomic Molecule***

***- Homogeneous Mixture - Heterogeneous Mixture***

***- Pure substance - Mixture***

***- Solution - Solvent***

***- Aqueous solution - Solute***

***- Element - Diatomic Molecule***

***- Ion - Polyatomic Ion***

***- Ionic Compound - Covalent Compound***

***- Metal - Multivalent Metal***

***- Non-metal - Metalloid***

*Chemistry Mind Map*

**Chemistry**