Y12 – Structure and Bonding

Ensured I understand all of my notes

Asked my teacher for guidance

Confidence rating

Looked on the open drive for additional work

Stick this checklist into your yellow book at the beginning of the topic. Tick off the topics as you cover them.			
In this module you are expected to be able to		In Notes	Revised
Define:			
 Ionic Bonding 			
 Metallic Bonding 			
 Giant metallic Lattice 			
 Giant ionic Lattice 			
 Covalent Bonding 			
 Giant covalent lattice 			
 Simple molecular lattice 			
 Electronegativity 			
o Dipole			
 London Force 			
 Hydrogen bond 			
Draw dot and cross diagrams for			
 Ionic compounds 			
 Covalent molecules 			
 Explain the properties of melting point and conductivity for: 			
 Giant covalent structures 			
 Giant ionic lattices 			
 Giant metallic structures 			
 Explain how three types of intermolecular force compare in so London forces 	strength and origin:		
 Permanent dipole-dipole interactions 			
 Hydrogen bonds 			
 Explain the shapes of molecules in terms of electron pair rep and bond angles. 			
 Octahedral, tetrahedral, pyramidal, non-linear, trigona 	al planar, linear.		
 Explain how hydrogen bonds affect the density of ice. 			
Explain why polar bonds form.			
Identify whether a molecule is polar or non-polar from its bonds and shape			
Pre-test Evaluation			
I have			
Updated my yellow book notes			

I'm doomed!

I am the BOSS!