Explain, using ideas about bonding, why metals conduct electricity

Explain, using ideas about bonding, why metals are malleable and ductile

Sketch a cooling curve for steam. Label the changes of state

How would this be different if the steam was impure?

What is an allotrope?

Explain why ionic compounds conduct electricity when molten or dissolved, but not when they are solids.

C2 Elements, Compounds and Mixtures

2.3 Properties of Materials

Allotrope	Uses / potential uses	Useful properties	Link between bonding and properties
Buckyballs			
Diamond			
Graphite			
Nanotubes			
Graphene			

Explain why ionic compounds have high melting points

Explain why simple covalent compounds have low melting points

Keywords