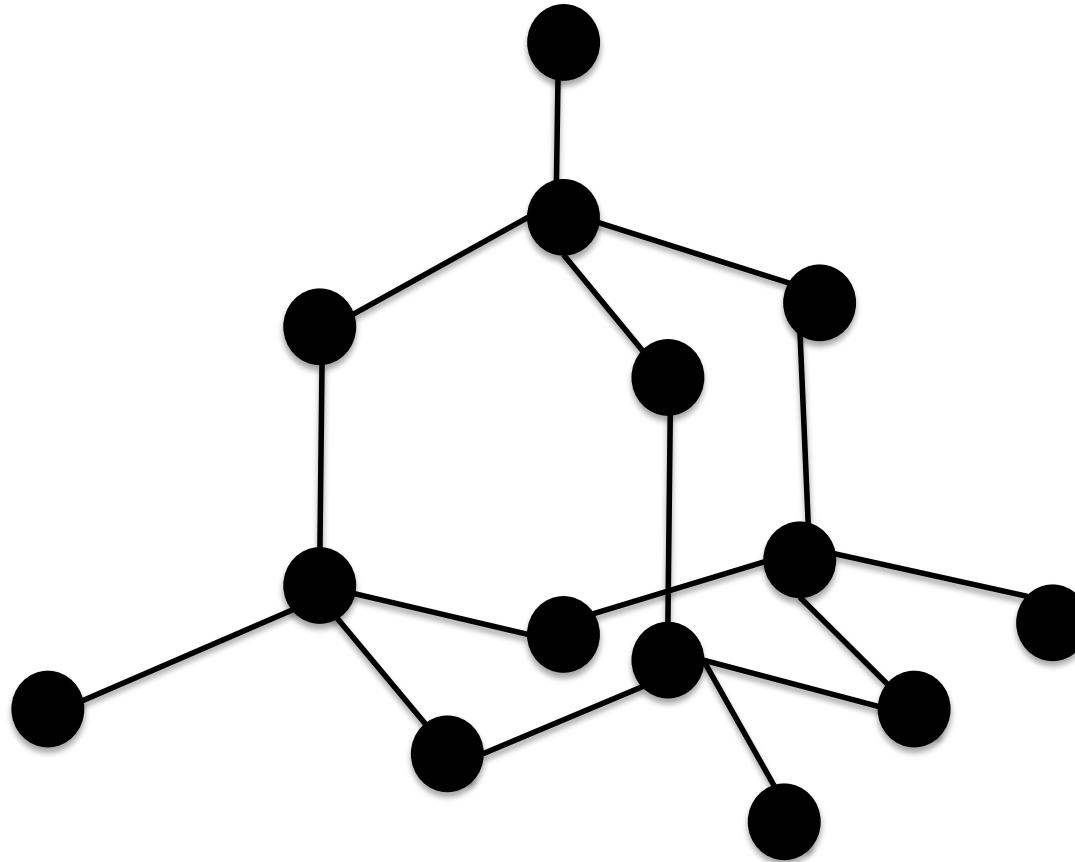


Topic	Melting simple and giant covalent substances	Level	GCSE
Outcomes	1. To show what happens to the bonds/molecules when you heat simple and giant covalent substances		

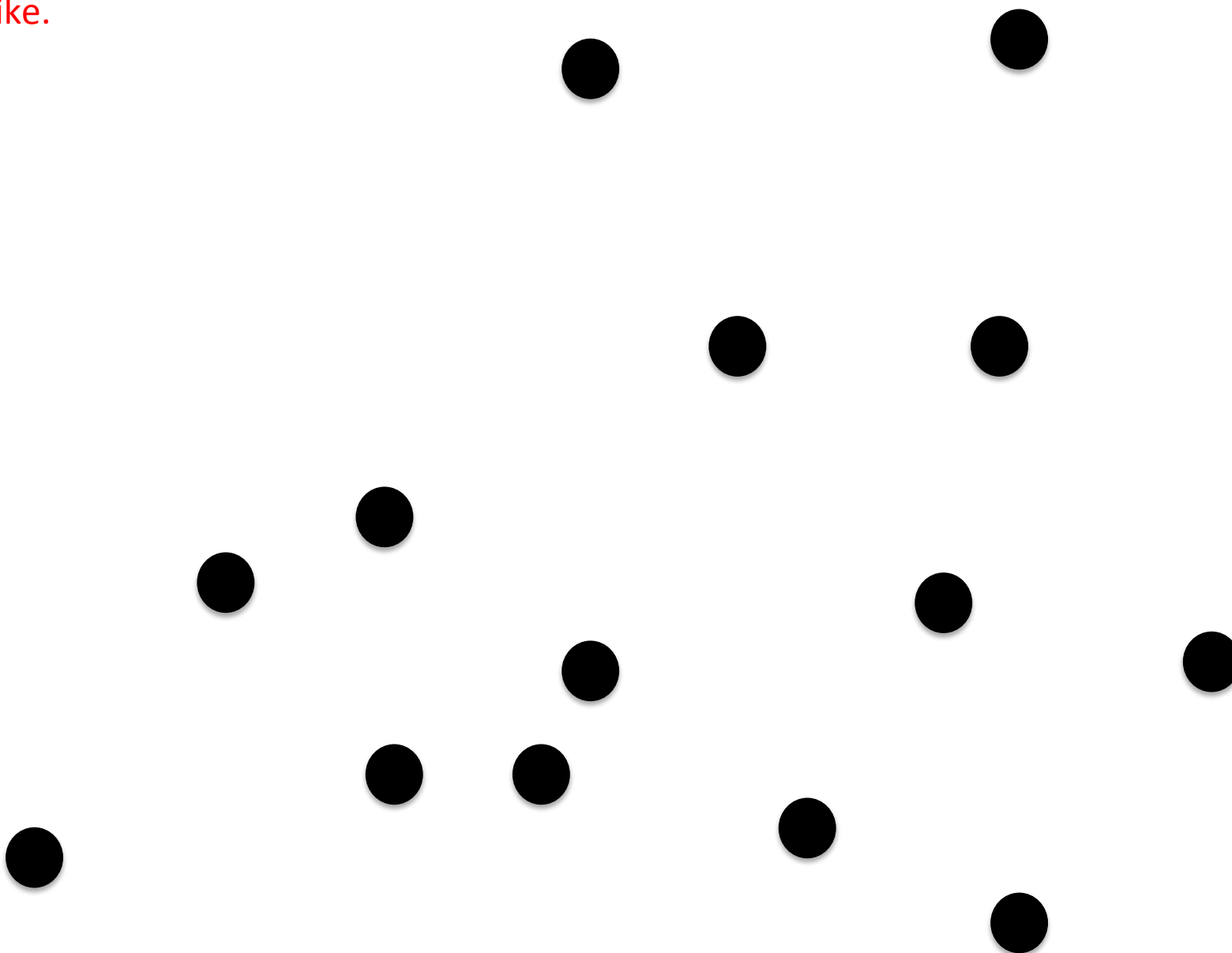
Using the interactive white board students must drag apart the bonds/ molecules to show what happens when you heat giant and simple covalent substances.

www.thescienceteacher.co.uk | resources for science teachers who like to think

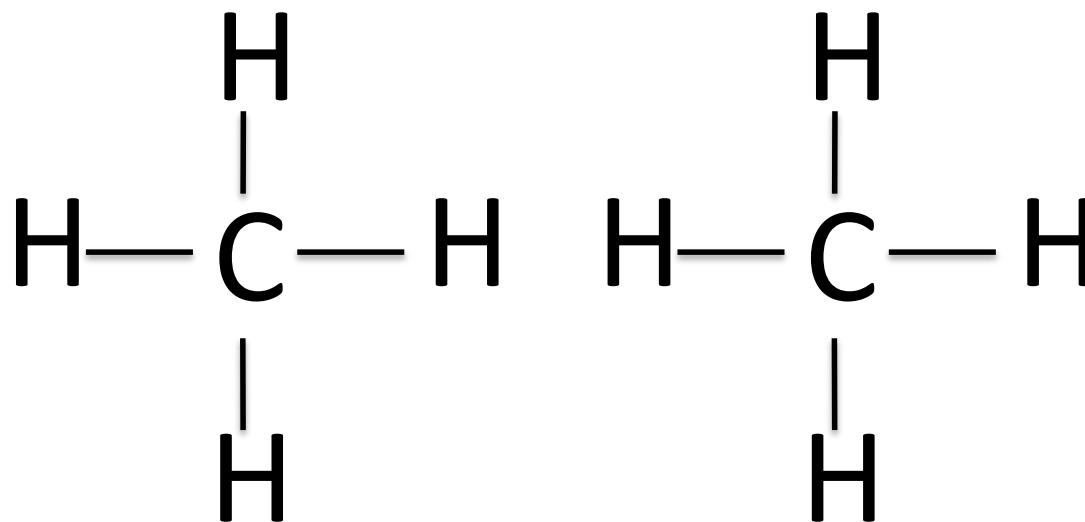
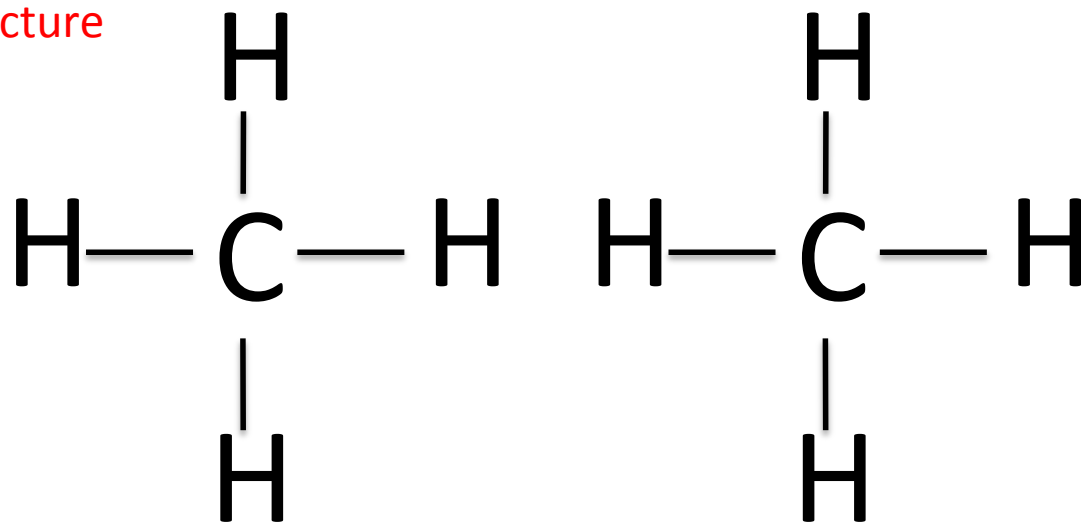
Melt diamond – show
what happens to the
bonding and structure
when you heat
diamond.



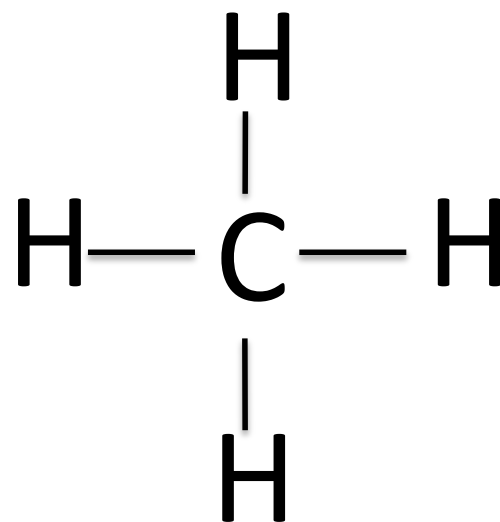
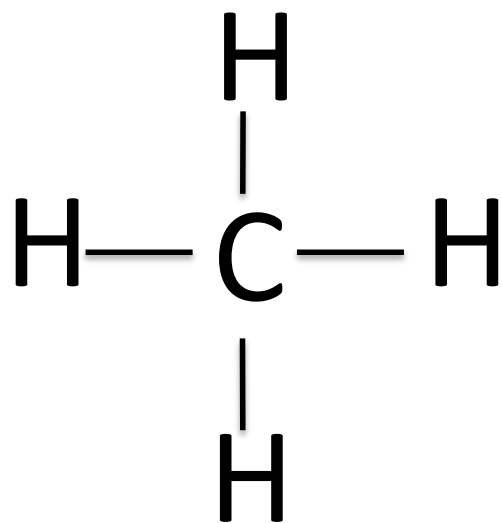
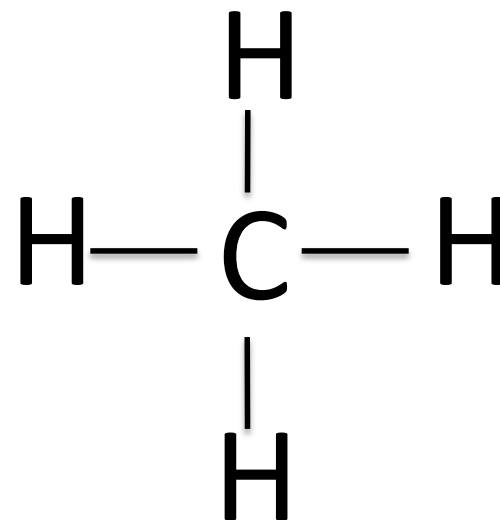
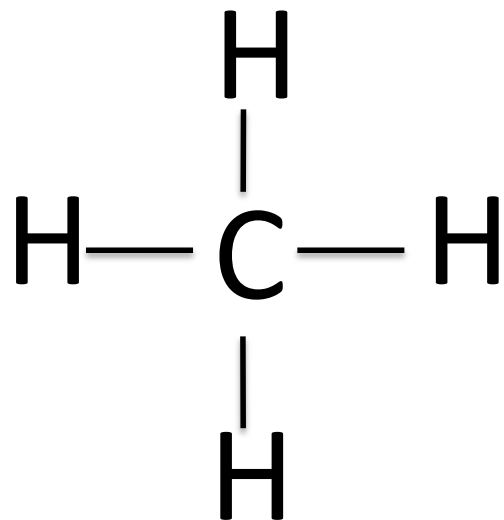
This is what it could
look like.



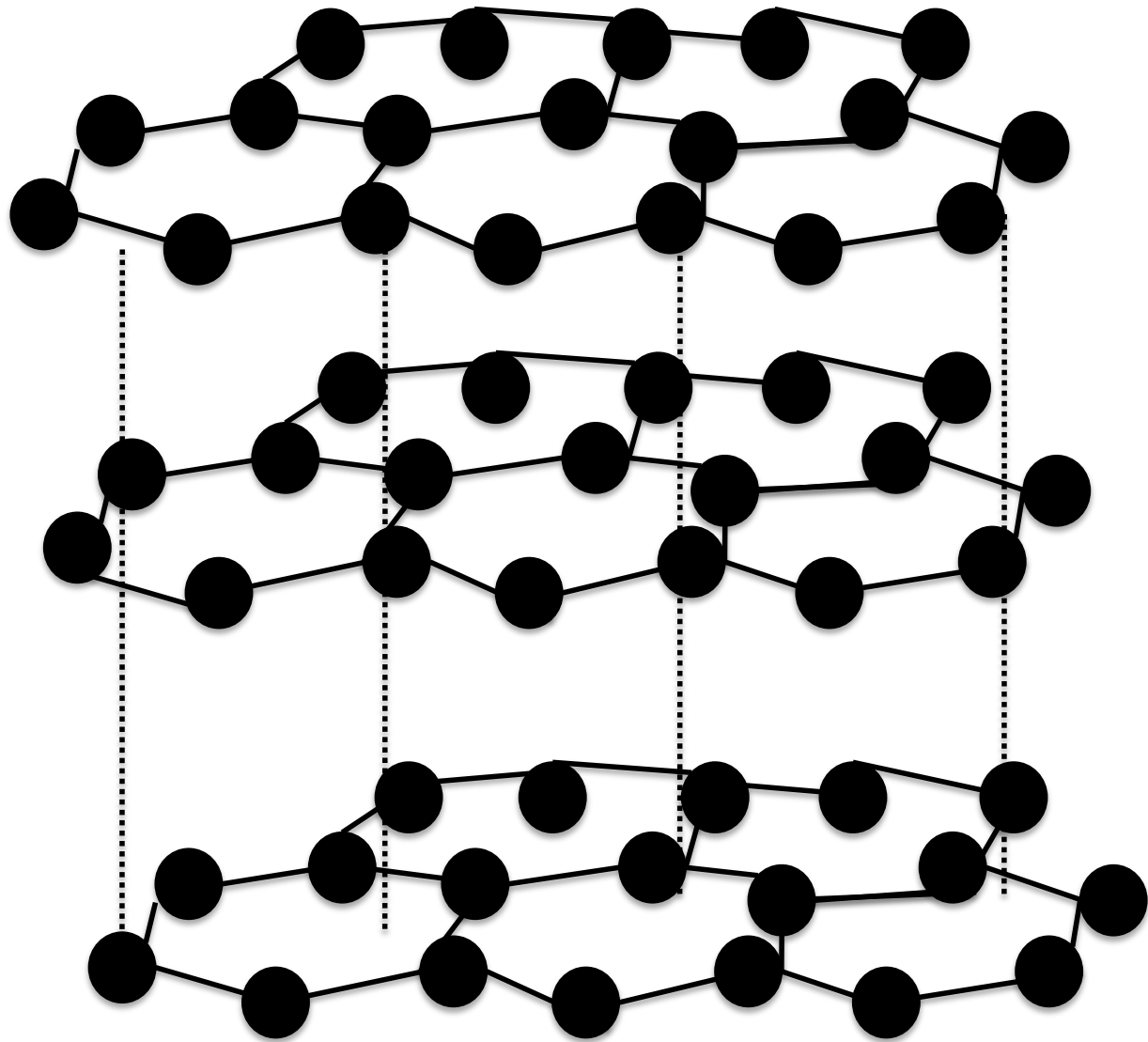
Melt methane - show
what happens to the
bonding and structure
when you heat
methane.



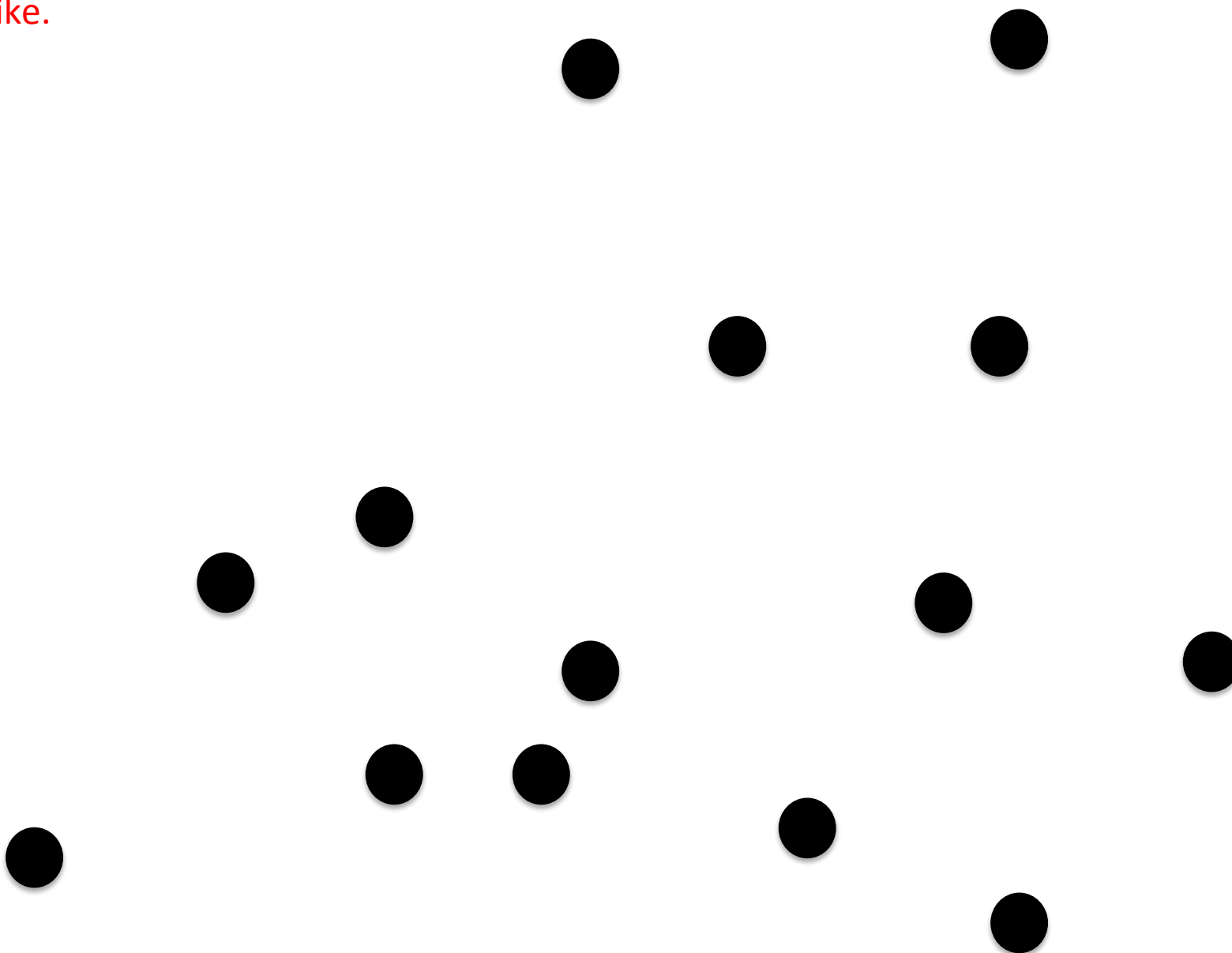
This is what it could
look like



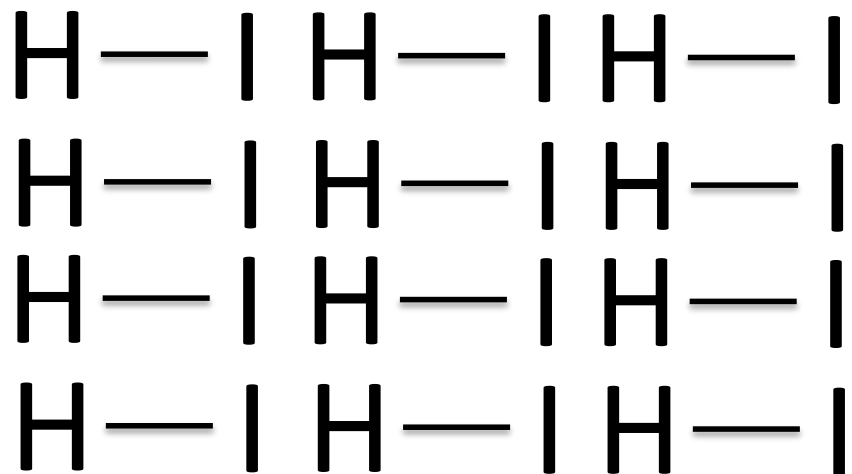
Melt graphite- show
what happens to the
bonding and structure
when you heat
graphite



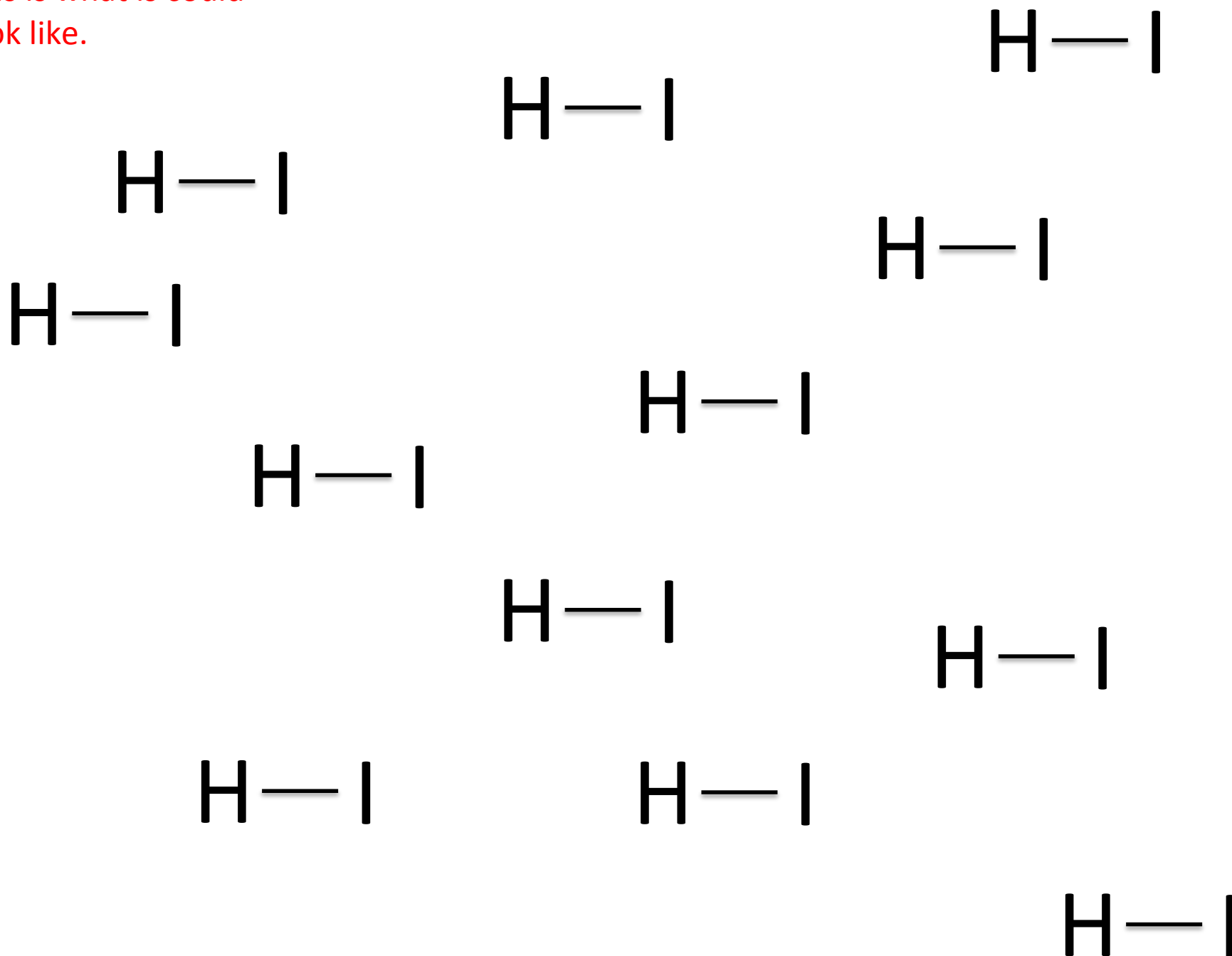
This is what it could
look like.



Melt hydrogen iodide -
show what happens to
the bonding and
structure when you
heat HI.



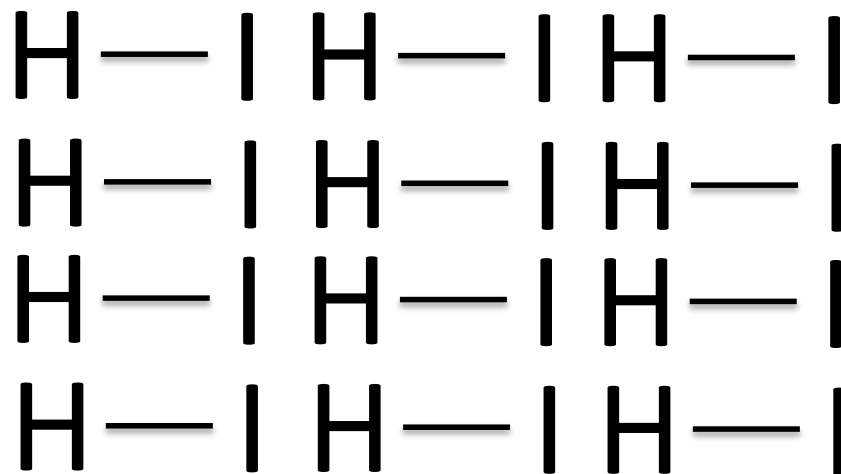
This is what is could
look like.



Master Diagrams

Use these diagrams once the originals have been dragged apart.

Melt hydrogen iodide -
show what happens to
the bonding and
structure when you
heat HI.



Melt graphite- show
what happens to the
bonding and structure
when you heat
graphite

