		ing particle diagrams for ing their relative density.	What is the units?	equation for density and what are it's	What is the difference between internal energy and temperature?
State of matter	Particle model	Relative density			
Solid					
			Р	article models of	▲
Liquid				matter	A lit head of a match v the Atlantic ocean. Which has the highest temperature and which the highest internal energy? Explain your answer
Gas			Explain why not chemica	changes of state are physical changes I changes.	
Label the dia	deposition			Explain why mass is conserved during a change of state.	In the space below sketch the changes of state curve of some wax. Label the different states of matter and where the changes of state are happening.
		•			Explain when changing state the internal energy of a substance changes but the temperature of the substance does not.

What is specific heat capacity and what is the specific heat capacity equation?	Describe how particles move in gases.	What causes pressure?
Why are storage heats made from concreate? What is specific latent heat and what is the specific latent heat equation?	Particle models of matter	Explain why a balloon inflates when you blow into it. Why does a balloon deflate when left for a while?
For which changes of state do you use the specific latent heat of vaporisation; and for which do you use the latent heat of fusion?		Describe and explain how increasing the temperature of a gas at constant volume changes the pressure of the gas.

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