



KEC

K Education Centre



KS3 Year 9 Science

Chemistry – Particles

Assignment Questions

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Particles

Q1 : What are the major differences between solids , liquids and gases in terms of particle theory ?

Q2: What is gas pressure ?

Q3 : Give two ways to increase gas pressure.

Q4: What is diffusion?

Q5: If an oxygen tank is left out for a while on a hot deck of the dive boat.

- a) What will happen to the pressure of the oxygen in the tank ?
- b) Explain the reason for above.

Q6 : Explain diffusion in liquids and gases.

Q7 : Explain the changes of states of matter in terms of energy transfer.

Q8: Draw the heating curve of solid to gas (take water as an example). Explain every step of the state change.