

Chapter 8 – Density and Pressure

Learning Grid

Density and Pressure	Questions	Answers
	Define density. Include its associated equations and units.	
	Using particle theory diagrams, describe the difference between the densities of solids, liquids and gases.	
	Define pressure in a fluid. Include its associated equations and units.	
	Using a diagram, show how pressure varies with depth in a liquid.	

Density and Pressure	Questions	Answers
	Discuss Archimedes' principle. Use a diagram to help your explanation. Include any associated equations.	
	Describe how objects float in fluids. Make sure you include forces acting on the object to help in your explanation.	
	Explain atmospheric pressure and why it decreases with increasing altitude. Use diagrams to help your explanation.	