

**CLASS-09**  
**PHYSICAL SCIENCE**  
**UNIT PLAN**  
**CHAPTER: 08 – FLOATING BODIES**

PERIOD NUMBER	CONCEPTS / TEACHING POINTS	PAGES IN TEXT BOOK		REMARKS
		FROM	TO	
1.	Floating objects in water	119	120	
2.	Density Relative density	120	121	
3.	Finding relative density of solids	121	122	
4.	Finding relative density of liquids	122	123	
5.	Making lactometer Problems - solutions	123	125	
6.	When do objects float on water	125	126	
7.	Is the weight of an object and weight of water displaced by it is equal ?	126	127	
8.	Making Aluminium to float Upward force in liquids	127	128	
9.	Pressure of air Atmospheric pressure Measuring atmospheric pressure Making Barometer Problems - solutions	128	130	
10.	Pressure at a depth 'h' in a liquid Pressure difference at different depths in liquids	131	132	
11.	Force buoyancy Weight of water displaced by the immersed stone	133	134	
12.	History of Archimedes - Story	134	135	
13.	Pascal's principle	135	136	

NAGA MURTHY- 9441786635  
 Contact at : [nagamurthysir@gmail.com](mailto:nagamurthysir@gmail.com)  
 Visit at : [ignitephysics.weebly.com](http://ignitephysics.weebly.com)