# Physics Study Guide – Unit 6

Chapter 12 – Solids

* Density
* Elasticity
* Hooke’s Law

Chapter 13 – Liquids

* Pressure
  + Calculations as well as definition
* Buoyant force
* Archimedes’ Principle
  + Applies fluids (liquids, gases, & plasma)
* Principle of flotation
* Pascal’s Principle
* Pascal Unit
  + SI Unit for pressure
* Surface tension
* How does a capillarity tube work?

Chapter 14 – Gases & Plasmas

* Atmospheric pressure
* Boyle’s Law
  + Know the formula for any potential calculations
* Bernoulli’s Principle
* Plasma