**FPS– Semester 1 Final List**

***Quarter 1***

* **Chapter 1 - Branches of Science & Technology, Scientific Method, Measurement (metric, mass, volume, conversions, density)**
* **Chapter 11 - Distance, Displacement, Velocity, Speed, Acceleration, Graphing, Motion maps**
* **Chapter 12 - Free-body diagrams, Net Forces, Laws of Motion, Universal forces, Weight and Momentum**

***Quarter 2***

* **Chapter 14/15 - Work, Power, Energy (math and KE, PE, ME), Machines, Energy resources, Conservation**
* **Chapter 16 - Thermal Energy and Temperature, Heating curves, Phase Diagrams, Specific Heat**
* **Chapter 17/18 - Mechanical wave types, Wave speed calculation, Wave properties, Electromagnetic spectrum**

***After break, we will complete the Electromagnetic spectrum and spend time reviewing and preparing for the exams!***