

## **Physics 7 Series Topic Breakdown**

(Each line = approx. 2 week section)

### **7A**

Energy (thermal, bond, kinetic, potential) heat, work

Energy Conservation

Thermodynamics

Statistical Thermodynamics

### **7B**

Newtonian mechanics, momentum, angular momentum

Oscillations

Fluid flow, DC electrical circuits

Diffusion and heat flow

Exponential time dependencies

### **7C**

Waves, interference, diffraction, optics

Electricity and Magnetism

AC Circuits

Quantum Mechanics

### **Notes:**

A is usually taken 1<sup>st</sup>

C is ok before B, but not desirable