

Mid-IB Revision Course Content – SL Physics

A – Space, time, and motion

- A1 Kinematics
 - Linear and Projectile motion
- A2 Forces
 - Types of forces and calculations
 - Momentum
 - Hooke's Law
 - Friction, Drag and Buoyancy
- A3 Work, Energy and Power

B – The particulate nature of matter

- B1 Thermal energy transfers
 - Thermal energy
- B3 Gas Laws
- B5 Current and Circuits

C – Wave behaviour

- C1 Oscillations and SHM
- C2 Wave model
- C3 Wave properties
 - Wave properties

E – Nuclear and quantum physics

- E1 Structure of the atom
 - The atom
 - Atomic energy levels
- E3 Radioactivity
 - Radioactive decay
- E5 fusion and stars
 - Stellar distances only