

FINAL REVISION LIST PHYSICS TRILOGY.

The following topics should be revised for the upcoming assessments:

Unit 1: Energy

Unit 2: Electricity

Unit 3: Particle Model of Matter

Unit 4: Atomic Structure

Unit 5: Forces

Unit 6: Waves

Particular specification focus is detailed below.

NEW CONTENT:

Unit 1: Energy (spec ref 6.1) {Revision guide pages 11-22}

- **Energy changes in a system, and the ways energy is stored before and after such changes. (6.1.1)**
 - Sections 6.1.1.1, 6.1.1.2 and 6.1.1.4
- **Conservation and dissipation of energy. (6.1.2)**
 - Sections 6.1.2.1 and 6.1.2.2
- **National and global energy resources. (6.1.3)**

Unit 2: Electricity (spec ref 6.2) {Revision guide pages 24,25,28 – 30, 32-34}

- **Current, potential difference and resistance. (6.2.1)**
 - Sections 6.2.1.1, 6.2.1.2 and 6.2.1.3
- **Series and parallel circuits. (6.2.2)**
- **Energy transfers (6.2.4)**
 - Section 6.2.4.2

Unit 3: Particle model of matter (spec ref 6.3) {Revision guide pages 38 and 41}

- **Changes of state and the particle model (6.3.1)**
 - Section 6.3.1.1
- **Particle model and pressure (6.3.3)**
 - Section 6.3.3.1

Unit 4: Atomic structure (spec ref 6.4) {Revision guide pages 43 and 44}

- **Atoms and isotopes. (6.4.1)**
 - Sections 6.4.1.1, 6.4.1.2 and 6.4.1.3

ORIGINAL CONTENT:

Unit 5: Forces (spec ref 6.5) {Revision guide pages 51-56 and 60-70}

- **Forces and their interactions (6.5.1)**
 - Sections 6.5.1.1, 6.5.1.2, 6.5.1.3 and 6.5.1.4
- **Work done and energy transfer (6.5.2)**
- **Forces and Elasticity (6.5.3)**
- **Forces and motion (6.5.4)**
 - Sections 6.5.4.1, 6.5.4.2 and 6.5.4.3
- **Momentum (6.5.5)**

- Sections 6.5.5.1 and 6.5.5.2

Unit 6: Waves (spec ref 6.6) {Revision guide pages 73-74, 76, 78-81}

- **Waves in air, fluids and solids (6.6.1)**
 - Sections 6.6.1.1 and 6.6.1.2
- **Electromagnetic waves (6.6.2)**
 - Sections 6.6.2.1, 6.6.2.2, 6.6.2.3 and 6.6.2.4