

ERRATUM NOTICE

AS LEVEL PHYSICAL SCIENCE SYLLABUS 8780

Please note the following amendments to the 2011 syllabus.

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Learning Outcomes

Candidates should be able to:

(g) derive, from the defining equation $\Delta W = F\Delta s$, the formula $\Delta E_p = mg\Delta h$ for potential energy changes near the Earth's surface.

(h) recall and use the formula $\Delta E_p = mg\Delta h$ for potential energy changes near the Earth's surface.

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P8. WAVES

Content*

- 8.1. Progressive waves
- 8.2. Transverse and longitudinal waves
- 8.3. Determination of speed, frequency and wavelength
- 8.4. Electromagnetic spectrum

*content does not include Polarisation

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P10. ELECTRIC FIELDS

Assumed Knowledge

(c) they should be able to distinguish between conductors and insulators using a simple electron **model**.

P11. CURRENT ELECTRICITY

Content

- 11.1. Electric current
- 11.2. Potential difference
- 11.3. Resistance**
- 11.4 Sources of electromotive force

**content does not include resistivity