

Year 10 & 11 Physics (Cambridge IGCSE Physics)		
	CONTENT OVERVIEW	SUBJECT CONTENT
1	General physics	Length and time Motion Mass and weight Density Forces Momentum Energy, work and power Pressure
2	Thermal physics	Simple kinetic molecular model of matter Thermal properties and temperature Thermal processes
3	Properties of waves, including light and sound	General wave properties Light Electromagnetic spectrum Sound
4	Electricity and magnetism	Simple phenomena of magnetism Electrical quantities Electric circuits Digital electronics Dangers of electricity Electromagnetic effects
5	Atomic physics	The nuclear atom Radioactivity

Details of the assessment	
Core Assessment	Extended Assessment
Paper 1 – Multiple Choice (Core) 45 mins, 40 mks	Paper 2 – Multiple Choice (Extended), 45 mins, 40 mks
Paper 3 – Theory (Core) 1 h 15 mins, 80 mks	Paper 4 – Theory (Extended), 1 h 15 mins, 80 mks
Paper 6 – Alternative to Practical Test, 1 h, 40 mks	Paper 6 – Alternative to Practical Test, 1 h, 40 mks

Grading and reporting:

Grades A*, A, B, C, D, E, F or G indicate the standard a candidate achieved.

A* is the highest and G is the lowest.