Jeannine Manuel School
International understanding through a bilingual education

Scheme of Work - IBDP Physics

Term (hours)	**SL 4 lessons/week**	**Hrs**	**HL 2 lessons/week**	**Hrs**
Term 1 (39 + 19.5)	A0 - Maths tools	6	Practice questions & investigations	10
	A1 - Kinematics	9	A5 - Galilean & special relativity	8
	A2 - Forces & momentum	10		
	A3 - Work, Energy & Power	8		
		33		**18**
Term 2 (33 + 16.5)	B1 - Thermal energy transfers	6	A4 - Rigid body mechanics	7
	B3 - Gas laws	6	B4 - Thermodynamics	8
	B2 - Greenhouse effect	6		
	B5 - Current & circuits	6		
	E1 - Structure of the atom	6		
	E3 - Radioactive decay	7		
		37		**15**

Term 3 (30 +15)	E4 - Fission	4	E1 - Structure of the atom	3
	E5 - Fusion & stars	6	E3 - Radioactive decay	5
	D1 - Gravitational fields	5	E2 - Quantum physics	8
	D2 - Electric & magnetic fields	8		
	D3 - Motion in electromagnetic fields	6		
	IA	10		
		39		**16**
Term 4 (39 + 19.5)	C1 - SHM	3	D1 - Gravitational fields	7
	C2 - Wave model	3	D2 - Electric & magnetic fields	6
	C3 - Wave Phenomena	5	D4 - Induction	6
	C4 - Standing waves & resonance	4		
	C5 - Doppler effect	2		
		17		**19**

Term 5			C3 - Wave phenomena	6
			C5 - Doppler effect	2
		17		**19**