

# St Paul's International College, Scope and Sequence, Physics, Stage 6, Year 11, 2024

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11
<b>Term 1</b>	<b>Module 1 - Kinematics</b>						<b>Depth Study (1) 6 hrs</b>		<b>Module 2 - Dynamics</b>		
	Students are introduced to the characteristics, measurement and analysis of motion.								Students investigate forces on objects and the results of forces in systems.		
	<b>Outcomes:</b> PH11/12-1, PH11/12-2, PH11/12-3, PH11/12-4, PH11/12-5, PH11/12-6, PH11/12-7, PH11-8								<b>Outcomes:</b> PH11/12-2, PH11/12-4, PH11/12-6, PH11-9		
	<b>Assessment:</b> Related to Depth study 1 - Assessment Task 1 (PH11/12-2, PH11/12-3, PH11/12-5, PH11/12-7)								<b>Assessment:</b> No formal Assessment		
<b>Term 2</b>	<b>Module 2 – cont.....</b>			<b>Module 3 – Waves and Thermodynamics</b>			<b>Depth Study (2) 9 hrs</b>				
				Students examine wave characteristics and behaviour. They also investigate the subsequent movement of energy and its modes of behaviour.			Students complete a series of practical task and in-class challenges to better understand wave motion and particularly the ray model of light.				
				<b>Outcomes:</b> PH11/12-3, PH11/12-4, PH11/12-6, PH11/12-7, PH11-10							
				<b>Assessment:</b> Related to Depth study 2 - Assessment Task 2 (PH11/12-4, PH11/12-5, PH11/12-6, PH11/12-7 and PH11-10)							
<b>Term 3</b>	<b>Module 3 – cont....</b>			<b>Module 4 – Electricity and Magnetism</b>					<b>Exam</b>		
				Students investigate the characteristics and features of charges and associated fields. They then examine the applications of flowing charges and subsequent magnetic phenomena.							
				<b>Outcomes:</b> PH11/12-1, PH11/12-5, PH11/12-7, PH11-11							
				<b>Assessment:</b> No formal Assessment					Assessment Task 3		

