



PYP001 Syllabus and Lab Schedule (Term 241)
Course Name & Code: Preparatory Physical Science - PYP001

WEEK	DATE	Experiment Title	HWs & Quizzes*
1	25-29/08	Group-1 and 2: Measurements and Errors/Constant Velocity	
2	01-05/09	Group-1: Uniform Acceleration (Newton's 2 nd Law)	
		Group-2: Simple Pendulum	
3	08-12/09	Group-1: Inclined Plane	
		Group-2: Gas laws	
4	15-19/09	Group-1: Free Fall	HW-1, Quiz-1
		Group-2: Viscosity	
5	24-30/09	Group-1: Projectile motion	
		Group-2: Archimedes principle (pt.1 and pt. 2)	
6	01-07/10	Group-1: Conservation of Mechanical Energy	
		Group-2: Archimedes principle (pt.3) and density measurement	
7	08-14/10	Group-1: Centripetal force	HW-2, Quiz-2
		Group-2: Conservation of mass	
Switch Labs			
8	15-21/10	Group-2: Uniform Acceleration (Newton's 2 nd Law)	
		Group-1: Simple Pendulum	
9	22-28/10	Group-2: Inclined Plane	
		Group-1: Gas laws	
10	29/10-04/11	Group-2: Free Fall	HW-3, Quiz-3
		Group-1: Viscosity	
11	05/11-07/11 17/11-18/11	Group-2: Projectile motion	
		Group-1: Archimedes principle (pt.1 and pt. 2)	
12	19-25/11	Group-2: Conservation of Mechanical Energy	
		Group-1: Archimedes principle (pt.3) and density measurement	
13	26/11-02/12	Group-2: Centripetal force	HW-4, Quiz-4
		Group-1: Conservation of mass	
14	03-09/12	Group-2: Conservation of momentum and Energy	
		Group-1: Gas Laws: Pressure vs Temperature	
Switch labs			
15	10-16/12	Group-2: Gas Laws: Pressure vs. Temperature Group-1: Conservation of momentum and Energy	



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