



Term 261

**PYP001 Syllabus and Lab Schedule Course Name & Code:
Preparatory Physical Science - PYP001**

WEEK	DATE	Experiment Title	HWs & Quizzes
1	19-25/08	Group-1 and 2: Constant Velocity	
2	26/08-01/09	Group-1: Uniform Acceleration (Newton's 2 nd Law) Group-2: Simple Pendulum	
3	02-08/09	Group-1: Conservation of Momentum and Energy Group-2: Conservation of Mass Law	
4	09-15/09	Group-1: Free Fall Group-2: Viscosity	HW-1, Quiz-1
5	16-22/09	Group-1: Projectile motion Group-2: Archimedes principle (pt.1 and pt. 2)	
Wednesday-Thursday, 23-24/09, National Day Holiday			
6	27/09-01/10	Group-1: Conservation of Mechanical Energy Group-2: Archimedes principle (pt.3) and density measurement	
7	04-08/10	Group-1: Centripetal force Group-2: Gas Laws	HW-2, Quiz-2
8	11-15/10	Group-1: Inclined Plane Group-2: Specific heat	
Switch Labs			
9	18-19/10	Group-2: Uniform Acceleration (Newton's 2 nd Law) Group-1: Simple Pendulum	
Tuesday-Thursday, 20-22/10, Midterm Break			
10	25-29/10	Group-2: Conservation of Momentum and Energy Group-1: Conservation of Mass Law	HW-3, Quiz-3
11	1-5/11	Group-2: Free Fall Group-1: Viscosity	
12	8-12/11	Group-2: Projectile motion Group-1: Archimedes principle (pt.1 and pt. 2)	
13	15-19/11	Group-2: Conservation of Mechanical Energy Group-1: Archimedes principle (pt.3) and density measurement	
Sunday-Monday, 22-23/11, Autumn Break			
14	24-30/11	Group-2: Centripetal force Group-1: Gas Laws	HW-4, Quiz-4
15	1-7/12	Group-2: Inclined Plane Group-1: Specific heat	
	8-10/12	Group-2: Uniform Acceleration (Newton's 2 nd Law) Group-1: Simple Pendulum	

