



[Monday & Thursday]

**PYP001 Syllabus and Lecture Schedule
(Term 172)**

Course Name & Code: Preparatory Physical Science - PYP001

Textbook: “Physical Science with Earth Science” by R. Feather

WEEK	DATE	TOPIC	SECTIONS	Quizzes*
1	22/01/2018	Introduction	
	25/01/2018	Describing Motion	2.1	
2	29/01/2018	Velocity and Momentum	2.2	
	01/02/2018	Acceleration	2.3	
3	05/02/2018	Forces	3.1	Quiz-1
	08/02/2018	Newton’s Laws of Motion	3.2	
4	12/02/2018	Newton’s Laws of Motion	3.2	
	15/02/2018	Using Newton’s Laws	3.3	
5	19/02/2018	Using Newton’s Laws	3.3	
	22/02/2018	Work and Machines	4.1	
6	26/02/2018	Describing Energy	4.2	Quiz-2
	01/03/2018	Conservation of Energy	4.3	
7	05/03/2018	Matter and Thermal Energy	14.1	Quiz-3
	MAJOR-1 EXAM: Tuesday, March 6, 2018			
	08/03/2018	Properties of Fluid	14.2	
8	12/03/2018	Behavior of Gases	14.3	
	15/03/2018	Composition of Matter	15.1	
9	19/03/2018	Properties of Matter	15.2	Quiz-4
	22/03/2018	Structure of the Atom	16.1	
10	26/03/2018	Masses of Atoms	16.2	Quiz-5
	29/03/2018	The Periodic table	16.3	
11	02/04/2018	Stability in Bonding	18.1	Quiz-6
	05/04/2018	Types of Bonds	18.2	
12	09/04/2018	Writing Formulas and Naming Compounds	18.3	
	12/04/2018	Writing Formulas and Naming Compounds	18.3	
13	16/04/2018	The plate Tectonics Theory	25.1	Quiz-7
	MAJOR-2 EXAM: Tuesday, April 17, 2018			
	19/04/2018	The plate Tectonics Theory	25.1	
14	23/04/2018	Earthquakes	25.2	
	26/04/2018	Earth’s Interior	25.3	
15	30/04/2018	Groundwater	27.3	Quiz-8
	03/05/2018	Geologic time	27.4	

*Quizzes: Quiz-1(Chapter 2), Quiz-2(Chapter 3), Quiz-3(Chapter 4), Quiz-4(Chapter 14), Quiz-5(Chapter 15), Quiz-6(Chapter 16), Quiz-7(Chapter 18), Quiz-8(Chapter 25).