

Integrated Science Teaching Schedule

Year 2021-2022					Year of Study : F.2					Subject: Integrated Science				
Month	Cycle	Date	Teaching Contents/Theme	Text Book	Experiment		Activity	Assignment	Quiz	Generic Skills	Values and attitude	Teaching resources	Remarks	
					Demo.	Student								
11	6	8/11-22/11	Unit 9 Common acids and alkalis 9.1 Common acids and alkalis 9.2 Distinguishing acids and alkalis (Natural indicators)	2B P.3-11		Practical 9.1	CheckPt. 1	Pre-lab Pre-lesson Workbook	9.1	Self-learning: complete pre-lesson tasks Communication skills Collaboration skills: present Practical 9.1 steps in groups Problem solving skills: extract natural indicators	Responsibility Commitment Respect for others	Textbook Notes		
			9.2 Distinguishing acids and alkalis (Litmus paper)	2B P.12-14	Practical 9.2-9.3		Pre-lab Pre-lesson Workbook		Self-learning: complete pre-lesson tasks Communication skills Collaboration skills: present Practical 9.2-9.6	Responsibility Commitment Respect for others	Textbook Notes			

									steps in groups				
11-12	7	23/11-6/12	(Universal indicator / pH paper)	2B P.15-18		Practical 9.4-9.5							
			(pH values of commonly used acids and alkalis and their application)	2B P.19									
			(pH meter and data logger)	2B P.20-24		Practical 9.6	CheckPt. 2		9.2				
12	8	7/12-16/12	9.3 Neutralization	2B P.25-36		Practical 9.7-9.9	Activity 9.1 CheckPt. 3	Pre-lab Pre-lesson Edmodo Workbook	9.3	Self-learning: complete pre-lesson tasks Communication skills Collaboration skills: present Practical 9.7-9.9 steps in groups Mathematical skills: measure liquid precisely with apparatus and plot graph of the result of experiment	Responsibility Commitment Respect for others Care for others	Textbook Notes	
1	9	3/1-11/1	9.4 Acids and corrosion 9.5 Potential hazards related to the use of acids and alkalis	2B P.37-44,49 P.50-55		Practical 9.10-9.11, 9.13	CheckPt. 4 Activity 9.2 CheckPt. 5	Pre-lab Pre-lesson Workbook	9.4 9.5	Self-learning: complete pre-lesson tasks Communication skills Collaboration skills: present Practical 9.10-9.11, 9.13 steps in groups Problem solving skills:	Responsibility Commitment Respect for others	Textbook Notes	

										distinguish different metals observing the reaction with acid			
1-3	10-11	26/1-3/3	Unit 11 Force and motion 11.2 Forces	2B P.156-165		Practical 11.3-11.6	CheckPt. 4,5	Pre-lab Pre-lesson Workbook	11.2	Self-learning: complete pre-lesson tasks Communication skills Collaboration skills: present Practical 7.16, 9.12 steps in groups	Responsibility Commitment Respect for others	Textbook Notes	Skill highlights: Drawing a force
3	12	4/3-16/3	11.4 Friction and motion	P.173-187		Activity 11.4-11.5 Practical 11.9-11.11	CheckPt. 7,8	Pre-lab Pre-lesson Workbook	11.4	Self-learning: complete pre-lesson tasks Communication skills Collaboration skills: present Practical 7.16, 9.12 steps in groups Mathematical skills: record and present the results of experiment IT Skills: use multimedia to record the produce Creativity: create a product that suits users	Responsibility Commitment Preseverance Respect for others Care for others	Textbook Notes	Science Competition