

St. Vincent Pallotti School

Subject: SCIENCE (2026-27)

Texts: NCERT

Std. – VIII

Month	Days	Chapters	Activities & Worksheets	Practical	Exam
April	22	1.Exploring the Investigative World of Science 2.The Invisible Living World:Beyond Our Naked Eye	Microorganism Chart: Identify and categorize different groups of microorganisms.	Practical No.1,2	
June	09	4. Electricity:Magnetic and Heating Effects	Conductivity Tester: Test materials (iron, plastic, graphite) to classify them as conductors or insulators.	Practical no. 4	
July	24	3.Health: The Ultimate Treasure Revision for PT-1	Health Survey: Prepare a questionnaire about nutrition and daily habits.	Practical no.3	Periodic Test – I Ch-1,2,4,3
August	20	5.Exploring Forces	Build a DIY manometer with a plastic bottle to study pressure at different depths.	Practical No.5	

September	21	7.Particulate Nature of Matter 12.How Nature Works in Harmony	Classification Chart: Sort samples (iron filings, sugar, salt water, air) into elements/compounds/mixtures. Food Chain Chart: Showproducer–consumer–decomposer cycles in local environment.	Practical No.7,12	
October	23	Revision for H.Y Paper			Half YearlyExam Ch- 1,2,3,4,5,7,12
November	15	6.Pressure,Winds ,Storms and Cyclones 8.Nature of Matter:Elements,Compounds and Mixtures	Cyclone Preparedness: Design an emergency kit & safety poster. Classification Chart: Sort samples (iron filings, sugar, salt water, air) into elements/compounds/mixtures	Practical no.6,8	
December	18	13.Our Home:Earth ,a Unique Life Sustaining Planet	Climate Map: Plot local climate features (rain, temperature) and discuss seasonal changes.	Practical no.13	
January	22	Revision for PT-2 10.Light:Mirrors and Lenses	Ray Box Activity: Draw ray diagrams for reflection & refraction.	Practical no.10	Periodic test-2 Ch-6,8,13
February	20	9.The Amazing World of Solutes,Solvents and Solutions 11.Keeping Time with the Skies	Solubility Test: Measure how much of a substance dissolves at different temperatures.	Practical no.9,11	
March	12	Revision Yearly Exam			Final Exam Ch-6,8,13,10,9,11

