

Academic Heights Public School

Jungle Dhusar, Gorakhpur

Session 2017-18

Syllabus of Class - VII, Subject - Physics

Month	W. Days	Chapter/Topics	Activity
April	24	Heat and its effects–	To demonstrate thermal
		Heat (Concept of heat and temperature), Effects of heat,	expansion in solids.
		Heat causes expansion, Hot and cold, Temperature,	To show conduction or
		Thermometer, Different scales of temperature, Transfer	convection.
		of Heat, conduction, convection and Radiation.	
May	16	Heat (Contd.) Conductors and Insulators Applications of	To show clinical and
		Transfer of heat. Types of clothes we wear in summer	laboratory thermometer.
		and winter	
Periodic Test - 1			
June	10	Winds, Storms and Cyclones-	To show that high speed
		Air is all around, air exerts pressure, Atmosphere,	winds are accompanied by
		Atmospheric pressure, high speed winds are	reduced air pressure
		accompanied by reduced air pressure, movement of air,	
		Air expands on heating, wind currents are generated due	
		to uneven heating on the earth, Thunderstorm and	
		cyclones.	
Half Yearly			
July	24	Winds, Storms and Cyclones (Contd.) :	
		Destruction caused by cyclones, Effective safety	To check measurement of
		measures against cyclones, Advanced Technology has	length.
		helped.	
		Motion and time: What is motion? The states of rest	
		and motion are relative, types of motion, slow and fast	
Periodic Test - 2			
August	24	Motion & time (contd.): Measurement of time, Simple	To show oscillation of a
		Pendulum, Speed, Measuring speed, The use of graph	simple pendulum.
		paper, Distance – Time graphs.	
Sept.	24		
Annual Exami			