



RUBY PARK PUBLIC SCHOOL

SYLLABUS FOR THE ACADEMIC SESSION 2022-23

Subject - Physics

CLASS - VII

Month	Unit	Chapter	Sub Topics
April	1	Heat	Introduction, what is heat
			Measuring temperature
			Clinical & laboratory thermometer
May	1 (Continued)	Heat	Effects of heat
			Transfer of heat- conduction
			Convection/ radiation
June	Pre Mid Term Examination		
June	2	Wind storm & rain / cyclone	Winds and what causes them
			Air pressure & wind speed
			Permanent wind systems
			Types of storms/ cyclones
July	2 (Continued)	Wind storm & rain / cyclone	Impact of storms/ cyclones
			Weather instruments
			Safety measures
August	3	Time, motion & speed	Measuring time & devices to measure time
			Time intervals/ simple pendulum
			Unit related to time
			Speed
			Distance time graph
			Relevant numerical problems

September	Revision & Mid Term Examination		
October	4	Electricity	Symbols of electric components
			Electric circuits
			Circuit diagrams
November	4 (Contd)	Electricity	Resistance
			Heating effect of current
			Magnetic effect of current
			Electromagnets
			Electric bell
November	Post Mid Term Examination		
December	5	Light	Rectilinear propagation of light
			Reflection of light
			Laws of reflection
January	5 (Continued)	Light (contd)	Images- real, virtual
			Types of spherical mirrors
			Types of lenses
			Nature of images formed by lenses
			Sunlight- white & coloured
February	Revision And Annual Examination		
	Annual Examination		
	1	Time, motion and speed	
	2	Electricity	
	3	Light	

