



# RUBY PARK PUBLIC SCHOOL

SYLLABUS FOR THE ACADEMIC SESSION 2022-23

Subject - Physics

CLASS - VIII

Month	Unit	Chapter	Sub Topics
April	1	Force and pressure	Introduction
			Effects of force on static & moving objects
May	1 (Continued)	Force and pressure	Types of force- contact & non-contact forces
			Magnetic force
May	1 (Continued)	Force and pressure	Frictional force- effects, advantages & disadvantages
			Electrostatic force
			Gravitational force
			Pressure- introduction
			Units of pressure, pressure exerted by liquids, gases
			Atmospheric pressure
Pre Mid Term Examination			
June	2	Sound	How sound is produced
			How sound travels
			Characteristics of sound
July	2 (Continued)	Sound	How we speak and how we hear
			Musical instruments
			Reflection of sound
			Echoes/ noise and music

			Applications of echo
			Numericals on echoes
August	3	Electricity and lightning	Introduction/ electric charge
			Charging objects by friction
			Triboelectric series
			Charging by induction
September	Revision & Mid Term Examination		
October	3 (Contd)	Electricity and lightning	Charging by conduction
			Detecting and measuring charge
			Flow of charge
			Sparks and lightning
			Electroscope and its uses
			Lightning conductor
November	4	Light and vision	Reflection
			Laws of reflection
			Image formed by a plane mirror
			Multiple reflection, dispersion of light
	Post Mid Term Examination		
December	4 (Contd)	Light and vision	The human eye/ defects of eye sight
			The world of the blind
January	5	Our universe (stars & solar system)	Galaxies and constellations
			The solar system- planets
			Moons and dwarf planets
			Meteroites, asteroids, comets
		February	Revision And Annual Examination
	Annual Examination		
	1	Electricity and lightning	
	2	Light and vision	
	3	Sound	

