



SYLLABUS FOR THE ACADEMIC SESSION 2020-21
CLASS – VIII

PHYSICS

Month	Unit	Chapter	Sub-Topics
April	1	Force and pressure	- Introduction - Effects of force on static & moving objects
May	1 (contd.)	Force and pressure	- Types of force - contact & non contact forces - Magnetic force
May	1 (contd.)	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 Exam			
June	2	Sound	- How sound is produced - How sound travels - Characteristics of sound
July	2 (contd.)	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 Exam		
October	3 (Contd)	Electricity and Lightning	- Charging by conduction - Detecting and measuring charge - Flow of charge - Sparks and lightning - Electroscopes and its uses - Lightning conductor
November	4	Light and vision	- Laws of reflection - Image formed by a plane mirror - Multiple reflection, dispersion of light
Post Mid-Term Exam			
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 - Meteorites, asteroids, comets
February	Revision & Annual Examination		

Annual Examination

1. Electricity and lightning
2. Light and vision
3. Sound
4. Our universe