

Teacher Name - _____

12th

CBSE Physics		
Part 1		
Sr. No	Contents	Hours
1	Electric Charges And Fields	
2	Electrostatic Potential And Capacitance	
3	Current Electricity	
4	Moving Charges And Magnetism	
5	Magnetism And Matter	
6	Electromagnetic Induction	
7	Alternating Current	
8	Electromagnetic Waves	
	Total Hours	
Part 2		
Sr. No	Contents	Hours
1	Ray Optics And Optical Instruments	
2	Wave Optics	
3	Dual Nature Of Radiation and Matter	
4	Atoms	
5	Nuclei	
6	Semiconductor Electronics : Materials, Devices And Simple Circuits	
	Total Hours	

ISC Physics		
Sr. No.	Content	Hours
1	Electrostatics	
2	Current Electricity	
3	Magnetic Effects Of Current And Magnetism	
4	Electromagnetic Introduction And Alternating Currents	
5	Electromagnetic Waves	
6	Optics	
7	Dual Nature Of Radiation And Matter	
8	Atoms And Nuclei	
9	Electronic Devices	
10	Communications System	
	Total Hours	

HSC Physics		
Sr. No.	Content	Hours
1	Rotational Dynamics	
2	Mechanical Fluids	
3	Kinetic Theory Of Gases And Radiation	
4	Thermodynamics	
5	Oscillations	
6	Superposition Of Waves	
7	Wave Optics	
8	Electrostatics	
9	Current Electricity	
10	Magnetic Fields Due To Electric Current	
11	Magnetic Materials	
12	Electromagnetic Induction	
13	AC Circuits	
14	Dual Nature Of Radiation And Matter	
15	Structure Of Atoms And Nuclei	
16	Semiconductors Devices	
	Total Hours	

11th

CBSE Physics		
Part 1		
Sr. No.	Content	Hours
1	Physical World	
2	Units And Measurements	
3	Motion In A Straight Line	
4	Motion In A Plane	
5	Laws Of Motion	
6	Work , Energy And Power	
7	System Of Particles And Rotational Motion	
8	Gravitation	
	Total Hours	
Part 2		
Sr. No.	Content	Hours
1	Mechanical Properties Of Solids	
2	Mechanical Properties Of Fluids	
3	Thermal Properties Of Matter	
4	Thermodynamics	
5	Kinetic Theory	
6	Oscillations	
7	Waves	
	Total Hours	

ISC Physics		
Sr. No	Content	Hours
1	Physical World And Measurement # Physical World , # Units And Measurements	
2	Kinematics # Motion In Straight Line , # Motion In Plane	
3	Laws Of Motions # General Concept Of Force , # Inertia , # Newton's Law Of Motion	
4	Work And Power Energy # Work Done By Constant Force And Variable Force : Kinetic Energy	
5	Motion Of System Of Particles And Rigid Body Idea Of Centre Mass : Centre Of Mass Of A Two Particle System	
6	Gravitation	
7	Properties Of Bulk Matter	
8	Heat And Thermodynamics	
9	Behaviour Of Perfect gases And Kinetic	
10	Oscillations And Waves	
	Total Hours	

HSC Physics		
Sr. No.	Content	Hours
1	units And Measurements	
2	Mathematical Methods	
3	Motion In A Plane	
4	laws Of Motion	
5	Gravitation	
6	Mechanical Properties Of Solids	
7	Thermal Properties Of Matter	
8	Sound	
9	Optics	
10	Electrostatics	
11	Electric Current Through Conductors	
12	Magnetism	
13	Electromagnetic waves And Communication System	
14	Semiconductors	
	Total Hours	