

+2 Class Physics

Sr. No.	Unit/Chapters/Topics	Deleted Topic
01	Electrostatics (Period 8)	a) Superposition principle (Page 19 Topic 1.8.1) and continuous charge distribution (Page 32 Topic 1.13) b) Uniformly charges thin spherical shell (field inside and outside) (Page 39) Article no. 1.15.3 c) Van de Graaf Generator (Page 83) Article 2.16
02	Current Electricity (Period 6)	a) Electrical Energy and Power (Page 105) Article 3.9 N.B. (Because it is already taught in 9th & 10th Classes in advance) b) Temperature Dependence of resistance (Page 103) Article 3.8 N.B. (It is of high order standard St. Difficult to understand) c) Combination of cells in series and in parallel (Page 113) Article 3.12 N.B. (It is already covered in 9th class Physics Syllabus)
03	Magnetic effect of current and Magnetism (Period 7)	a) Cyclotron (Page 140) Article 4.4.2 b) Moving coil galvanometer its current sensitivity & conversion to ammeter and voltmeter (Page 163) Article 4.11 (It is time consuming concept & high order subject matter) c) Hysteresis loop and electromagnets and factors affecting their strengths permanent magnets (Page 195) Article Last Part of article 5.6.3 and Article 5.7 (Page 195 to 196)
04	Electromagnetic Induction and alternating current (Period 6)	a) LC Oscillations (Qualitative treatment only) (Page 255) Article 7.8 b) Power in AC Circuits, wattles current (Page 252) Article 7.7
05	Electromagnetic Waves	-Nil-
06	Optics (Period 10)	a) Reflection of light (Page 310 to 315) Spherical Mirror, S mirror Formulas Article 9.1& 9.2 (9.2.1 to 9.2.3) b) Optical Instruments (Human Eye, Images Formation & accommodation, correction of eye defects (Myopia, hyper metropia, Prestoyopia and astigmatism using lenses. (Page 336, 337) Article 9.9.1 (It is covered already in 9th class Biology part) c) wave optics : Resolving power of microscopes and astronomical telescopes (Page 372 to 375) Article 10.6.3
07	Dual nature of matter and radiation	a) Davisson Germer Experiment (Page 403) Article 11.9 (It is a topic of higher level study) (It needs experimental setup to explain)
08	Atomic & Nuclei (Period 05)	a) Alpha-Particle Scattering experiment, Rutherford's model of atom (Page no) Article 12.1, 12.2, 12.2.1) b) Composition and size of nucleus, atomic masses, isotopes, isobars & isotones (Page 438 to 441) Article 13.1, .13.2 13.3) (It is already taught in +1 Chemistry Syllabus)
09	Electronics Devices (Period 04)	a) Zener Diode and Zener Diode as a voltage regulator (Page 485, 486) Article no. 14.8 & 14.8.1) b) Transistor as an oscillator (Page 500 to 501) Article 14.9.5
10	Communication Systems	a) Production and detection of an amplitude Modulated waves (Page 525 to 527) Article 15.9 and 15.10

+2 Class (Deleted Practical Portion) Physics

Sr. No.	Experiments Section - A
01	Experiments No. 1-5 are retained and Experiments No. 6 to 8 are Deleted
02	Activity No. 1, 3, 4, 5, are retained and activity No. 2 and 6 are Deleted
Experiments Section - B	
01	Experiments No. 2, 4, 5, 8, 10 are retained and Experiments No. 1, 3, 6, 7, 9 are Deleted
02	Activity No. 2, 3, 4 & 5 are retained and activity No.1, 6, 7 and 8 are Deleted