

Month	Branch of Science	Chapter No & Chapter	Detailed Split-up	Periods for class room Teaching	Computer Aided Teaching	Total No.of Periods
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April	Physics	8. Motion	Motion : Distance and displacement, velocity; uniform and non-uniform motion along a straight line; acceleration, distance and velocity-time graphs for	8	1	9
	Chemistry	1. Matter in our surroundings	Definition of matter; solid, liquid and gas; characteristics - shape, volume, density;	5	1	6
	Biology	5. Fundamental unit of life	of life; prokaryotic and eukaryotic cells, multicellular organisms; cell membrane and cell wall, cell organelles and cell inclusions; chloroplast, mitochondria, vacuoles, endoplasmic reticulum, Golgi	7	2	9
May & June	Physics	8. Motion (contd.)	equations of motion by graphical method; elementary idea of uniform	3	1	4
	Chemistry	1. Matter in our su	evaporation), condensation, sublimation	2	0	2
	Biology	6. Tissues	Structure Plant-Tissues meristematic and permanent	3	1	4
July	Physics	9. Force and laws of motion	Force and Newton's laws: Force and motion, Newton's laws of motion, inertia	8	1	9
	Chemistry	2. Is matter around us pure	Nature of matter : Elements, compounds and mixtures	6	1	7
	Biology	6. Tissues (contd.)	functions of animal and plant tissues (four types in animals Meristematic & permanent	7	2	9
August	Physics	9. Force and laws of	Elementary idea of conservation of	5	1	6
	Physics	10. Gravitation	Gravitation : Gravitation; universal law of gravitation, force of gravitation of the	5	0	5
	Chemistry	2. Is matter around	Heterogeneous and homogeneous mixtures	5	1	6
	Biology	15. Improvement in food resources	Plant and animal breeding and selection for quality improvement and management;	3	2	5
September	Physics	10. Gravitation	weight; free fall	2	1	3
	Chemistry	2. Is matter around	colloids and suspensions	1	0	1
	Biology	15. Improvement in food	use of fertilizers, manures; protection from pests and diseases; organic farming	4	1	5
	Revision	Physics,	Physics, Chemistry & Biology			6

October	Physics	10. Gravitation	Floatation : Thrust and pressure. Archimedes' principle, buoyancy,	4	1	5
	Chemistry	3. Atoms & Molecules	Particle nature, basic units : Atoms and molecules. Law of constant proportions.	5	1	6
	Biology	7. Diversity in living	Biological Diversity : Diversity of plants and animals - basic issues in scientific naming,	4	1	5
November	Physics	11. Work & Energy	Work, energy and power : Work done by a force, energy, power; kinetic and potential	5	1	6
	Chemistry	3. Atoms & Molecules	Mole Concept : Relationship of mole to mass of the particles and numbers.	7	1	8
	Biology	7. Diversity in living	Major groups of plants (salient features) (Bacteria, Thallophyta, Bryophyta, Pteridophyta, Gymnosperms and	6	2	8
December	Physics	12. Sound	Sound : Nature of sound and its propagation in various media, speed of sound, range of hearing in humans;	4	1	5
	Chemistry	4. Structure of	Structure of atom : Electrons,	5	1	6
	Biology	13. Why do we fall	Health and Diseases : Health and its failure. Infectious and Non-infectious	5	1	6
January	Physics	12. Sound (contd.)	reflection of sound; echo and SONAR.	5	1	6
	Chemistry	4. Structure of	Protons & neutrons	6	1	7
	Biology	13. Why do we fall ill (Contd.)	Diseases caused by microbes (Virus, Bacteria and Protozoans) and their prevention, Principles of treatment and	4	0	4
	Biology	14. Natural Resource	Physical resources : Air, Water, Soil. Air for respiration, for combustion, for moderating temperatures; movements of air and its role in bringing rains across	7	1	8
Febraury	Physics	12. Sound (contd.)	Structure of the human ear (auditory	2	0	2
	Physics	Revision	Revision for SA-II	6		6
	Chemistry	4. Structure of Atom (contd.)	Isotopes & Isobars	1	0	1
	Chemistry	Revision	Revision for SA-II	6		6
	Biology	14. Natural Resource	Bio-geo chemical cycles in nature : Water, oxygen, carbon and nitrogen. Revision for SA-II	6	1	7