

NAVY CHILDREN SCHOOL, DELHI
CHAPTER WISE SPLIT UP SYLLABUS (AMENDED) FOR
ANNUAL YEAR 2021-22 CLASS X SCIENCE

MONTH	SUBJECT	CHAPTER NAME	PRACTICALS
APRIL	PHYSICS	CH 12 - Electricity (Term-2)	PHYSICS -Term-1 1. Focal length of concave mirror and convex lens 2. Refraction of light through a rectangular glass slab 3. Refraction of light through a prism BIOLOGY - TERM1 Experimentally show that carbon dioxide is given out during respiration .
	CHEMISTRY	CH 1-Chemical reactions and equations. (Term-1)	
	BIOLOGY	CH-6 Life Processes (Term -1)	
JUNE	PHYSICS	CH 12 - Electricity (Term-2)	
	CHEMISTRY	CH 1-Chemical reactions and equations. (Term-1)	
	BIOLOGY	CH-6 Life Processes -continued (Term -1)	
JULY	PHYSICS	CH- 10 Light (Term-1)	Chemistry practicals(Term-1)- 1..Performing and observing the following reactions and classifying them into: A. Combination reaction
	CHEMISTRY	CH 2 Acids bases and salts (cont.)(Term-1)	

	BIOLOGY	CH-6 Life Process - continued (Term 2)	B.Decomposition reaction C. Displacement reaction D. Double displacement reaction: (i) Action of water on quicklime (ii)Action of heat on ferrous sulphate crystals (iii) Iron nails kept in copper sulphate solution (iv) Reaction between sodium sulphate and barium chloride solutions.
AUGUST	PHYSICS CHEMISTRY	CH- 10 Light (Term-1) CH-2-Acids,bases and salts(Term-1) CH-3-Metals and Non-metals(contd.)	PHYSICS -Term-1 1. Ohm's Law. Chemistry-(Term-2) 2.A.Finding the pH of different samples by using pH paper/universal indicator. : (i) Dilute Hydrochloric Acid (ii) Dilute NaOH solution (iii) Dilute Ethanoic Acid solution (iv) Lemon juice (v) Water (vi) Dilute Hydrogen Carbonate solution B. Studying the properties of acids and bases (HCl & NaOH) on the basis of their reaction with: a)Litmus solution (Blue/Red) b) Zinc metal c) sodium carbonate BIOLOGY- TERM 2 studying a) binary fission in Amoeba and b) budding in yeast and Hydra with the help of prepared slides.
	BIOLOGY	CH-8-How do organisms Reproduce ? (Term 2)	

SEPTEMBER	PHYSICS	CH- 11 Human eye and colourful world (Term-1)	Chemistry Practical:(Term-1)
	CHEMISTRY	CH-3 Metals and non-metals (TERM-1)	3.A. Observing the action of Zn,Fe, Cu and Al metals on the following salt solutions: (i)ZnSO ₄ (aq) (ii) FeSO ₄ (aq)

	BIOLOGY	CH8- How Do Organism Reproduce ?continued (Term 2)	(iii)CuSO ₄ (aq) (iv)Al ₂ (SO ₄) ₃ (aq) B. Arranging Zn, Fe, Cu and Al (metals) in the decreasing order of reactivity based on the above result.
OCTOBER	PHYSICS CHEMISTRY BIOLOGY	CH-13 Magnetic effects of electric current CH-4 Carbon and its compounds (Term-2) Ch-5 Periodic classification of elements (Term-2) CH- 9 Heredity and evolution (Term 2) CH-15 Our Environment (Term 2)	INTERNAL ASSESSMENT- Biology (TERM 2) CH 16 Management of natural resources - (brief write up on any of the topic from the chapter) Note: Learners are assigned to prepare a brief write up on any one concept of this Unit in their Portfolio. This may be an assessment for Internal Assessment and credit may be given (Periodic assessment/Portfolio). This portion of the Unit is not to be assessed in the year-end examination
NOVEMBER - TILL FINAL EXAMS	PHYSICS CHEMISTRY BIOLOGY		REVISION FOR ANNUAL EXAMS