



## SPLIT UP SYLLABUS FOR CLASS 10 SUBJECT -SCIENCE

Month	Lesson	Activity/demonstration	Learning outcomes
April	L-1 Chemical Reactions and Equations L-6 Life processes L-12 Electricity	Types of reactions Stomata Light is necessary for photosynthesis CO <sub>2</sub> is released during respiration To determine the equivalent Resistance of two resistors when connected in (i) in series (ii) in parallel  Verification of Ohm's law	Learner will differentiate between types of reactions  Learner labels parts of system and appreciate life processes in organisms Learner will be aware of current, potential difference and resistance and relation between them
May	L-2 Acids,bases and salts L-6contd L-13 Magnetic effect of electric current	pH of samples CO <sub>2</sub> is released during respiration To draw magnetic field line pattern around a bar magnet.	Learner is able to apply gained knowledge in solving their day to day life process Learner will be able to know about different magnetic field patterns and motor and generator
July	L-2 contd  L-15 Our environment  CH-13 Continued	properties of acids and bases	Learners will be aware of their environment and the need to conserve it.
PT 1 lesson 1,6,15,12			
August	L-3 Metals and non metal L-7Control and Coordination  L-14 Sources of energy	Reactivity series	Learner will be able to distinguish between properties of metals and non metals and their uses. Learner can describe role of brain and hormones to control functioning of our body. Learner will get to know the various conventional sources of energy.
September	L-4 Carbon and its compound L-8 How do organism reproduce?  L-10 Light reflection and	Properties of acetic acid  Binary fission in amoeba and budding in yeast Dicot seed	Learner will know properties of ethanol and ethanoic acid and soap & detergent. Learners will be able to compare the different modes of reproduction in living organisms.  Learner will apply rectilinear propagation property of light and

	refraction	Refraction of light through glass prism Identification of mirror and lenses.  Refraction of light through glass slab	will be able to explain phenomena of reflection through curved mirror and refraction through lenses.
MID TERM-Lesson 1,2,3,6,7,15,13,14,10			
October	L4 contd  L-9 Heredity and evolution L-10Continued	Soap preparation Cleaning capacity of soap in Hard and Soft water Homology and Analogy of Plants and Animals	Learner will be able to identify genes as the basis of heredity Learners will recognize that present day organisms have evolved from their ancestors by the modification of their features.
November	L-16 Management of Natural Resources L-5 Periodic classification of elements L-11 Human eye and colourful world		Learner will be aware of how to use natural resources in a sustainable manner. Learner will appreciate classification for simplifying study of elements. Learner will be able to explain structure of human eye and its working. They will be aware of various defects of vision and their correction.
PB 1 in DEC PB 2 in JAN			

