ASSAM RIFLES PUBLIC SCHOOL, PALLEL HQ 26 SECTOR

SPLIT-UP SYLLABUS FOR ACADEMIC YEAR 2023-24

CLASS-X SUBJECT: SCIENCE

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| **MONTH** | **CHAPTER**  **NO** | | **CHAPTERNAME** | **LABACTIVITIES** |
| April | 1  6 | | Chemical reactions and equations  Life processes | Studying and classifying the given reactions into the different types |
| 9 | | Light Reflection and Refraction |  |
| June | 2 | | Acids, bases and salts | Studying the properties of acids, bases and salts |
| 6 | | Life processes | Preparing a temporary mount of a leaf peel to show stomata |
| 9 | | Light Reflection and Refraction (contd.) | Focal length of Concave mirror and Convex Lens. |
| July | 2 | | Acids, bases and salts (contd.) | Finding the pH of the given samples using pH paper |
| 6  7 | | Life Processes(contd.)  Control and coordination | Experimentally show that carbon dioxide is given out during respiration |
| 10 | | The human eye and the colorful world | Refraction of light through a glass slab Image formation–convex lens |
| August | 3 | | Metals and non-metals | Arranging Zn, Fe, Cu and Al in the order of their decreasing reactivity |
| 7 | | Control and coordination | Studying the structure and parts of human brain. |
| 10 | | HumanEyeandthecolorful world(contd.) | Refractionoflightthroughaprism |
| September | Revision and half yearly exam | | | |
| October | | 3 | Metals and non- metals (contd.) |  |
| 8 | How do organisms reproduce? | Studying (a) binary fission in Amoeba, and  (b) Budding in yeast and Hydra with the help of prepared slides. |
| 11 | Electricity | Verification of Ohm’s law |
| November | | 4 | Carbon and its compounds | Studying the properties of acetic acid |
| 8  9 | How do organisms reproduce?(contd.)  Heredity | Identification of the different parts of an embryo of a dicot seed (Pea, gram or red kidney bean). |
| 11  12 | Electricity (contd.)  Magnetic effect of electric current | Combination of Resistors |
| December | | 4 | Carbon and its compounds(contd.) | Determining the foaming capacity of soaps in hard and soft water |
| 9  13 | Heredity (contd.)  Our environment |  |
| 12 | Magnetic effect of electric current (contd.) |  |
| January | | Revision for Board exam | | |
| February | | Revision for Board exam | | |