ASSAM RIFLES PUBLIC SCHOOL PALLEL HQ 26 SECT ASSAM RIFLES

SPLIT-UP SYLLABUS FOR ANNUAL YEAR 2023-24

CLASS-VI SCIENCE

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| MONTH | CHAPTER  NO | CHAPTER  NAME | SUGGESTED ACTIVITIES |
| TERM 1 | | | |
| April | Chapter 1 | Food: Where does it come from? | * Observe a plant and identify the various parts. * Sprouting of seeds (moong dal/ chana) |
|  | Chapter 2 | Components of Food | * Collect one sample each of food rich in proteins, fats, carbohydrates, vitamins and minerals. * Activity to test the presence of starch (iodine test), proteins( using Copper sulphate & Caustic soda) and fat (oily patch test) |
| June | Chapter 3 | Fibre to fabric | * Collect different types of samples of fibres and prepare a chart. * Knitting and weaving using coloured paper. |
| July | Chapter 4 | Sorting Materials into groups | * Make a survey around your home and create a list of the materials that have been used to make various objects. Check the properties of these materials. Make a colorful chart.   Mixing different solid materials (sugar, salt, chalk powder, sand  and sawdust) in water and testing their solubility. |

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|  | Chapter 5 | Separation of Substances | * Demonstrate various methods of separation such as sieving, sedimentation and decantation, filtration, evaporation,   condensation. |
| Chapter 6 | Changes around us | * Find out 10 examples for reversible changes and non- reversible changes. |
| August | Chapter 6 | Changes  around us – contd. |  |
| Chapter 7 | Getting to know plants | * Based on the characteristics of plants, identify and classify the given plants into Herbs, Shrubs and Trees. * Dissection of a Flower to show its parts. |
| Chapter 8 | Body Movements | * Observe the movements of the following animals (video) Cockroach, Earthworm, and Fish. Write one feature of their moving pattern. * Identifying different types of joints in our body with the help of a human skeleton model. |
| September | Chapter 8 | Body Movements (contd.) | **Revision for half yearly examinations** |
|  | **Revision/ Half- yearly**  **examination** |

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| TERM 2 | | | |
| October | Chapter 9 | The living organisms- characteristics and habitat | * Introduce students to poems written on nature. * Identify the different habitats found in their neighborhood. * Experiment using potted plant to show its response towards   sunlight (stimuli). |
| Chapter 10 | Motion and measurement of distances | * Measure the height of your classmates/family members with the help of a long scale or a tailors tape. Find out the tallest and the shortest student in your class and record your observation. * Measuring the length of a curved line by using meter scale and thread. |
| November | Chapter 11 | Light, Shadow, Reflection | * Prepare a model of a pin hole camera and observe it’s working. * Activity showing passage of light through transparent and translucent objects and how   opaque objects block light. |
| Chapter 12 | Electricity and circuits | * Making an electric circuit. Testing the materials( copper wire, plastic wire )as conductors and insulators |
| December | Chapter 13 | Fun with magnets | * Separation of iron from a mixture using bar magnet. * Identifying different shapes of magnets. * Make a list of things at your home in which magnets are used |

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| January | Chapter 14 | Water | * Estimation of the amount of water used by your family in a day. * Activity to see condensation of water. |
| Chapter 15 | Air Around Us | Activities to show   * Air occupies space   1. Bubble formation when empty bottle is dipped in water.   2. Blowing of balloon. * Oxygen is required for burning.   1. Burning of candle in presence and absence of air. |
| February | Chapter 16 | Garbage in Garbage Out  **Revision for Annual Exam** | * Best out of waste by the students in the class. * Trash pile activity – collect trash from your class. * Making poster – Give waste another chance. |
| March |  |  | **Annual Examination** |
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