**ASSAM RIFLES PUBLIC SCHOOL PALLEL 26 SECT ASSAM RIFLES**

**SPIT UP SYLLABUS SESSION 2023-24**

**CLASS-III SUBJECT - COMPUTER SCIENCE**

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| **Lesson No:** | **Topic name** | **Concepts** | **Skills** | **Learning outcomes** |
| **(Aril)** | Hard ware parts application software | Hardware and software output devices storage devices storage devices software (Recap) | Uses various hardware and software components | Differentiate hardware and software differentiate input, output devices and storage devices. |
| **(June & July)** | More on Ms-paint | Some more tools in paint selection techniques in paint. | Using drawing tools and other techniques in Ms- paint | Identify the different software and its use open paint and use the various tools and create images. |
| **(Aug)** | Stepwise thinking a step by step planning of any activity. To identify the main and detailed sequence of steps of any activity. To follow step – wise instructions for any activity. | Editing techniques in paint clipboard options using scratch. Usage of commands. |  | Save images as. Bpm and jpg. Files. Open saved paint files and edit if required. Different steps involved in breaking down an an activity. Into a list of importance of sequence of main steps. The steps in an activity. |
| **(Sept)** | Introduction to scratch how to program scratch under ‘motion’ , pen and ‘sound’ blocks. |  | Droop of graphic blocks. Execute the script and view the result in the stage area. |  |
| **(Oct & Nov)** | Simple animation with scratch to program in scratch, using the instructions under control block. Aim to change the background of the stage. | Control instructions in a program. Loop and conditional instructions. | Construct a program by using instructions of control block. Changing background of a program. |  |
| **(Dec & Jan** | Fun with text processing what is a font and why it is important to choose fonts carefully. | Opening a new document. Typing text, editing text, saving, opening a saved file. | How to use different font types sizes, styles and colors. | Create and save a word document edit and format text. Text style font type. Font size, text color, alignment of text. |
| **(Feb)** | LOGO An introduction LOGO Screen and commands LOGO arithmetic. |  | Execute the commands and view the result in drawing. Execute the commands and view the result in Commander box. | Draw various graphics on screen using LOGO commands learn the basics of coding and how to code in the computational way of thinking. |