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

**SPIT UP SYLLABUS SESSION 2023-24**

**CLASS-IV SUBJECT - COMPUTER SCIENCE**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Lesson No:** | **Topic name** | **Concepts** | **Skills** | **Learning outcomes** |
| **(Aril)** | Evolution of Computer Early Computers Generation of Computers | Earning generations and Types of Computer | Exploring the various type of computer and manufacture | Do simple additions using the Abacus Describe the contributions of Charles Babbage, the father of computers Describe the history of computers in terms of five generations of computers. Describe the history of computers in terms of five generations of five generations of |
| **(June & July)** | More of MS-Word | Font group ,paragraph group ,style gruop | Typing skills Use and identify different formatting | Edit documents by inserting and deleting text in an existing document. Edit documents by using the Spelling and Grammar tool Identify difference between Cut, Copy and Paste commands edit |
| **(Aug)** | Introduction to PowerPoint | What is a presentation MS-PowerPoint windows  Starting PowerPoint Creating New presentation Saving Presentation Changing the slide layout  Inserting New Slide Inserting objects Applying a Theme  Viewing the slide show. | Presentation skill Designing skill Creativity skill Understanding of the concepts | Find and Replace Tool Use MS PowerPoint2010 to create a presentation, applying the theme to a presentation viewing the presentation with different views |
| **(Sept)** | Programming Multiple Sprites in Scratch | To demonstrate actions like games, in Scratch. Aim To program coordination between various Sprites. | Logical skill Creativity skill Designing skill Presentation skill | Reinforcing creativity and imagination |
| **(Oct & Nov)** | More Activities using Scratch | To use various blocks of Scratch. Explore a variety of programs that you can build, like animations, teach what you know, toy demos, making interactive cards, narrating a story | Logical skill Creativity skill Designing skill Presentation skill Writing script for games and stories Imagination shill | Reinforcing creativity and imagination |
| **(Dec & Jan** | Internet and its uses. | Basics of internet Internet Etiquettes History and Application of Internet | Searching and learning skill | Expose to New Techniques |
| **(Feb)** | Introduction to MS-excel | Getting started with MS Excel 2010 Components of Excel 2010 Window Working with Worksheets, Workbooks Closing , saving exiting Excel 2010 | Collecting and organizing Data Managing Worksheet Representing values Typing skill | Work on Worksheets in 4 MS Excel |