

SYLLABUS OF VI

Quarter – April to June

Sl. No.	Units	Contents	No. of Periods
1	1. Fundamental of Computer	1.1 Review Brief history of computer 1.2 Basic components of computer 1.3 Different I/O Devices 1.4 Computer Language 1.5 Software definition and its Types 1.6 Computer Memory 1.7 Different types Printers	5
2	2. Word Processing (MS Word)	2.1 Header and footer 2.2 Formatting of Paragraph 2.3 Mail Merge 2.4 Envelope and labels 2.5 Page column 2.6 Hyperlink 2.7 Drop cap	9

Minimum level of learning

Child should be able to identify basic components of computers and Input/Output devices

Should be able to turn on and off the computer

Should be able to open , create and format a word file

Should be able to understand the concept of mail merge

Formative Assessment – 1			
<u>Quarter – July to September</u>			
3	3. Spread Sheet (MS Excel)	3.1 Table creating in MS Excel and implementing Various Charts 3.2 Cell reference in MS Excel 3.3 Functions in MS Excel 3.4 Sorting of data in MS Excel 3.5 Filtering data in MS Excel 3.6 Conditional Formatting 3.7 Workbook and worksheet 3.8 Protection of Work book and Worksheet	22
<p><u>Minimum level of learning</u></p> <p>Child should be able to understand the use of excel Should be able to open , create an excel file and can do calculation using formulas Should be able to understand the concept of sorting, filtering ,password</p> <p>Formative Assessment – 2 Summative Assessment – 1</p>			

<u>Quarter – October to December</u>			
4	4. Advance feature of MS Power Point	4.1 Insert different objects(i.e. images, Word arts , audio & Video etc.) 4.2 Transitions in slide 4.3 Custom Animation with text 4.4 Adobe Presenter	13
5	5. HTML	5.1 Introduction to HTML 5.2 Uses of HTML 5.3 HTML Tags 5.4 HEAD ,TITLE, BODY ,Empty and Container Tags	7
<p><u>Minimum level of learning</u></p> <p>Child should be able to start power point presentation Should be able to create an effective presentation (effective means using templates, transition, animation etc.) *)</p> <p>Child should be able be create simple web page Formative Assessment – 3</p>			

<u>Quarter – January to March</u>			
6	6. Use of internet	6.1 Overview of internet 6.2 Intranet 6.3 Different types of web sites 6.4 Web browsers 6.5 Opening of Web pages and Web Sites 6.6 Use of search engine 6.7 Creation of an E-mail and using it 6.8 Advantage and Disadvantage of Social Media/sites 6.9 Networking and Networks	12
<p align="center"><u>Minimum level of learning</u></p> <p align="center">Child should be able to access the web page ,can identify various browsers can effectively search a topic on the internet can ensure his/her security over the net can open an email account and operate it.</p> <p align="center">Formative Assessment – 4 Summative Assessment – 2</p>			

ICT Projects to be completed in the session :-

Work Experience :-

1. Kinetic Energy: Yo-Yo Design
2. Friction: Rocket Model

Art Education

1. Line, Still Life Drawing
2. Value and Tone