| SYLLABUS | D.A.V.PUBLIC SCHOOL SEC-3,DHURVA-RANCHI | 2020-21 |
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CLASS – VII

SUBJECT –IT(COMPUTER)

BOOK-IT Framework 7

| MONTH | Working days | TOPICS | OBJECTIVES | PRACTICAL | FORMATIVEASSESMENTS |
|---|---|---|---|---|---|
| April | 24 | 1. Number system | • Introduction<br>• Number system<br>• Decimal ,Binary ,Octal ,Hexadecimal Number System<br>• Decimal To Binary Conversion | | |
| May | 15 | 2. Excel as a database | • Formula basics order of operations<br>• Conditional formatting ,Formulas ,practical purposes of Excel<br>• | To make a student list of own class in MS-EXCEL | MT- I  - CHAPTER - 1,2 |
| June | 12 | 3. Charts in MS Excel | • Components of a chart<br>• Commonly used charts creating ,resizing ,moving a chart<br>• Working with chart elements and chart formatting<br>• Grouping worksheets<br>• | | |
| July | 25 | 4. Working with layers in Flash | • Layers in flash<br>• Creating an animation with multiple layers<br>• Masking in flash ,onion skin tool<br>• | | |
| August | 24 | 5. Graphics In Small Basic | • Graphics window<br>• Creating fancy text<br>• Drawing colorful shapes and figures | | PT-I  -CHAPTER -1,2,3,4 |

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| September | 13 | 6. HTML 5 | • Features of HTML 5<br>• Creating an HTML document<br>• HTML Tags ,elements ,and attributes<br>• Rules for writing HTML code<br>• HTML document structure<br>• | | TERM – 1 CHAPTER- 1,2,3,4,5, |
|---|---|---|---|---|---|
| 0ctober<br><br>November | 18<br><br>22 | 7. More on html 5 | • Different methods of applying CSS<br>• Inline styles , background properties , text properties , font properties , margin properties , border properties | | PT-II CHAPTER – 6,7,8 |
| December | 18 | 8. Introduction to visual basic | • Introduction and starting visual basic<br>• Components of visual basic<br>• Basic steps to develop an application in VB<br>• Variables , data types , declaring variables ,operators in VB | | |
| January | 26 | 9. Internet services<br>10. Ethics and safety measures | • Social networking ,blogs e-commerce<br>• Computer ethics<br>• Unethical computer practices /Cybercrimes<br>• Safety measures<br>• Digital footprints | | PT- III --CHAPTER -9,10 |
| February | 23 | | | | Final term –CHAPTER -6,7,8,9,10 |

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