# Syllabus Breakdown Computer Grade 4

**AIR FOUNDATION SCHOOL SYSTEM** 

ISLAMABAD/PAKISTAN

## Teaching weeks per annum

For the regions where academic session begins in April

FIRST TERM: APRIL - SEPTEMBER

### **Expected Teaching Weeks**

| April     | Teaching Week 1  | Teaching Week 2  | Teaching Week 3                  | Teaching Week 4                  |
|-----------|------------------|------------------|----------------------------------|----------------------------------|
| May       | Teaching Week 5  | Teaching Week 6  | Teaching Week 7                  | First Midterm Examination        |
| June      | Summer Vacation  | Summer Vacation  | Summer Vacation                  | Summer Vacation                  |
| July      | Summer Vacation  | Summer Vacation  | Summer Vacation                  | Summer Vacation                  |
| August    | Teaching Week 8  | Teaching Week 9  | Teaching Week 10                 | Teaching Week 11                 |
| September | Teaching Week 12 | Teaching Week 13 | 1 <sup>st</sup> Term Examination | 1 <sup>st</sup> Term Examination |

### SECOND TERM: OCTOBER – MARCH

### **Expected Teaching Weeks**

| October  | Teaching Week 14 | Teaching Week 15           | Teaching Week 16   | Teaching Week 17 |
|----------|------------------|----------------------------|--------------------|------------------|
| November | Teaching Week 18 | Teaching Week 19           | Teaching Week 20   | Teaching Week 21 |
| December | Teaching Week 22 | Second Midterm Examination | Winter Vacation    | Winter Vacation  |
| January  | Teaching Week 23 | Teaching Week 24           | Teaching Week 25   | Teaching Week 26 |
| February | Teaching Week 27 | Teaching Week 28           | Teaching Week 29   | Teaching Week 30 |
| March    | Revision Work    | Annual Examination         | Annual Examination | PTM & Annual Day |

## Teaching weeks per annum

For the regions where academic session begins in August

FIRST TERM: AUGUST - DECEMBER

### **Expected Teaching Weeks**

| August    | Teaching Week 1     | Teaching Week 2     | Teaching Week 3  | Teaching Week 4           |
|-----------|---------------------|---------------------|------------------|---------------------------|
| September | Teaching Week 5     | Teaching Week 6     | Teaching Week 7  | First Midterm Examination |
| October   | Teaching Week 8     | Teaching Week 9     | Teaching Week 10 | Teaching Week 11          |
| November  | Teaching Week 12    | Teaching Week 13    | Teaching Week 14 | Teaching Week 15          |
| December  | Midterm Examination | Midterm Examination | Winter Vacation  | Winter Vacation           |

### SECOND TERM: OCTOBER - MARCH

### **Expected Teaching Weeks**

| January  | Teaching Week 16 | Teaching Week 17   | Teaching Week 18          | Teaching Week 19    |
|----------|------------------|--------------------|---------------------------|---------------------|
| February | Teaching Week 20 | Teaching Week 21   | Teaching Week 22          | Second Midterm Exam |
| March    | Teaching Week 23 | Teaching Week 24   | Teaching Week 25          | Teaching Week 26    |
| April    | Teaching Week 27 | Teaching Week 28   | Teaching Week 29          | Teaching Week 30    |
| May      | Revision Work    | Annual Examination | <b>Annual Examination</b> | PTM & Annual Day    |



## FIRST TERM | UNITS OR CHAPTERS DISTRIBUTION WITHIN 15 STUDY WEEKS OF 1<sup>st</sup> TERM.

| Study Week 1 [1/15   1/30] Unit#01, Characteristics of a Computer Page# 3-07 | Study Week 2 [2/15   2/30] Unit#01, Characteristics of a Computer Page# 7-08        | Study Week 3 [3/15 3/30] Unit#01, Characteristics of a Computer Unit#02, Page # 03-11 | Study Week 4[4/15   4/30] Unit#02 , Input and Output Devices page #12-15 |
|--|---|---|--|
| Study Week 5 [5/15  5/30] Unit#02, Input and Output Devices page #15-16      | Study Week 6[6/15   6/30]<br>Unit#02, & 03<br>page #09-19                           | Study Week 7 [7/15 7/30]<br>Unit#03 , Memory<br>page # 19-22                          | Study Week 8[8/15 8/30]<br>Unit#03 , Memory<br>page # 22-24              |
| Study Week 9[9/15 9/30] Unit#03 , Memory page # 24                           | Study Week 10(10/15 10/30] Unit#03, Memory Unit#04, More about windows page # 18-27 | Study Week 11[11/15 11/30] Unit#04, More about windows page # 28-31                   | Study Week 12(12/15 12/30] Unit#04, More about windows page # 31-36      |
| Study week (13/15 13/30]<br>Unit#04, More about windows<br>page # 37         | Study Week [14/15   14/30]  Unit#05, More about Paint Page# 38-41                   | Study Week [15/15   15/30]  Unit#05, More about Paint Page# 42-44                     |  |

### SECOND TERM / Final Term | UNITS OR CHAPTER DISTRIBUTION WITHIN 15s WEEKS OF THIS TERM.

| Study Week [1/15   16/30] Unit#05, More about Paint Page# 45-47                                     | Study Week [2/15   17/30] Unit#05, More about Paint Page# 47-48  | Study Week [3/15   18/30] Unit#06, More About Scratch Page# 49-53  | Study Week [4/15   19/30]<br>Unit#06, More AboutScratch<br>Page# 53-58              |
|---|--|--|---|
| Study Week [5/15   20/30] Unit#06, More About Scratch Page# 58-65                                   | Study Week [6/15   21/30] Unit#06, More About Scratch Unit#07, Formatting In MS Word 2016 Page#66-70               | Study Week [7/15   22/30]  Unit#07, Formatting In MS  Word 2016  Page#71-75  | Study Week [8/15   23/30] Unit#07, Formatting In MS Word 2016 Page#76-78            |
| Study Week[9/15   24/30] Unit#07, Formatting In MS Word 2016. Page#78-80 Study Week [13/15   28/30] | Study Week [10/15   25/30]  Unit#08, Introduction To MS  Power Paint 2016  Page# 81-86  Study Week [14/15   29/30] | Study Week [11/15   26/30]  Unit#08, Introduction To MS  Power Paint 2016  Page# 86-90  Study Week [15/15   30/30] | Study Week [12/15   27/30] Unit#08, Introduction To MS Power Paint 2016 Page# 91-92 |
| Unit# 09, Multimedia. Page# 93-96   | Unit# 09, Multimedia. Page# 97-99  | Unit# 09, Multimedia.<br>Scratch Page# 99-102  |   |

## 1<sup>st</sup> Term

1 /15 1 /30

**Daily Break-Up** 

This is our new teaching week.

| Computer      | Class-IV   4 | 0 min | TERM INFORMATION         | ı     | Apr-Sep    | 15 weeks | 1 to 15   | 45 periods  |
|---------------|--------------|-------|--------------------------|-------|------------|----------|---|---|
| 3 periods p/w | '   90 p/a   |       |                          | Ш     | Oct-Mar    | 15 weeks | 16 to 30  | 45 periods  |
| MONTH         | WEEK         | PN    | Unit#01 , Characteris    | tics  | of a Compu | iter     |   |   |
|               | Week 1       | [90]  | TOPIC CONTENT & PAGE N   | IUMBI | ER         |          | WORKBOOK OR ACTI  | VITY CONTENTS   |
|               |              | 1.    | Characteristics of a Com | puter | Page#3     | -        | Reading, Explanation a<br>Reading and explanatio<br>of a Computer till amou   | n of the topic Characteristics                                      |
|               |              | 2.    | Characteristics of a Com | puter | Page#5     |          | Reading, Explanation a  Reading and expression and expression and expression are set of the set of | xplanation of the topic   |
|               |              |       |                          |       |            |          | Check your Progress:  Name the type people use.   | oe of computers that  |
|               |              | 3.    | Characteristics of a Com | puter | Page#6-7   |          | _   | nd discussion: explanation of the topic he computer and uses of the |
|               |              |       |                          |       |            |          | Let Us Recall  Keywords   |   |



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2 /15 2 /30

## **Daily Break-Up**

This is our new teaching week.

| Computer      | Class-IV   40 | ) min | TERM INFORMATION       | ı     | Apr-Sep    | 15 weel     | ks 1 to 15                                 | 45 periods                       |
|---------------|---------------|-------|------------------------|-------|------------|-------------|--|----------------------------------|
| 3 periods p/w | 90 p/a        |       | II Oct-Mar 15 v        |       | 15 weel    | ks 16 to 30 | 45 periods                                 |                                  |
| MONTH         | WEEK 2        | PN    | Unit#01 , Characteris  | stics | of a Compu |             |  |                                  |
|               | Week 2        | [90]  | TOPIC CONTENT & PAGE N | NUMB  | ER         |             | WORKBOOK OR ACTIV                          | VITY CONTENTS                    |
|               |               | 4.    | Test Yourself          |       | Page# 7-   | 8           | Test Yourself: • Solve the A, yourself.    | B, & D parts of Test             |
|               |               | 5.    | Test Yourself          |       | Page# 7    | '-8         | Solve F part:  • Write the an questions of | swers of the given<br>exercise C |
|               |               | 6.    | Test Yourself          |       | Page# 8    | •           | Project Worl                               | k: Complete the Project.         |

# 3 /15 3 /30 Daily Break-Up This is our new teaching week.

| Computer      | Class-IV   4 | 0 min | TERM INFORMATION          | ı      | Apr-Sep    | 15 week  | s 1 to 15             | 45 periods  |
|---------------|--------------|-------|---------------------------|--------|------------|----------|-----------------------|---|
| 3 periods p/w | 90 p/a       |       |                           | Ш      | Oct-Mar    | 15 week  | s 16 to 30            | 45 periods  |
| MONTH         | WEEK         | PN    | Unit#01 , Characterist    | tics c | of a Compu | ıter Uni | t#02 , Input and (    | Output Devices  |
|               | Week 3       | [90]  | TOPIC CONTENT & PAGE N    | UMBE   | R          |          | WORKBOOK OR ACT       | TIVITY CONTENTS   |
|               |              | 7.    | Characteristics of a Comp | puter  | Page#03    | 3-08     | Teacher will chapter. | take the test of whole  |
|               |              | 8.    | Peripheral and Input Devi | ces    | Page#9     | -10      | external and          | ents about peripheral ,<br>internal peripheral devices.<br>plain about few input<br>puch pad. |
|               |              | 9.    | Input Devices             |        | Page#10    | -11      |                       | ut few input devices from n till barcode reader.  Progress                                    |

# 4 /15 4 /30 Daily Break-Up This is our new teaching week.

| Computer      | Class-IV   4 | 0 min | TERM INFORMATION       | I                          | Apr-Sep   | 15 week  | 1 to 15  | 45 periods          |  |  |
|---------------|--------------|-------|------------------------|----------------------------|-----------|--|--|---------------------|--|--|
| 3 periods p/w | 90 p/a       |       |                        | II                         | Oct-Mar   | 15 week  | s 16 to 30   | 45 periods          |  |  |
| MONTH         | WEEK         | PN    | Unit#02 , Input and C  | Outpu                      | t Devices |  |  |                     |  |  |
|               | Week 4       | [90]  | TOPIC CONTENT & PAGE I | OPIC CONTENT & PAGE NUMBER |           |  |  | VITY CONTENTS       |  |  |
|               |              | 10.   | Output Devices         | Page#12-13                 |           | <ul> <li>Explain about output li<br/>devicesMonitor till Speaker.</li> <li>Check Your Progress:</li> </ul> |  |                     |  |  |
|               |              | 11.   | Let Us Recall          |                            | Page#13-1 | L4   | <ul><li>Tell about Computer Manners.</li><li>Let us Recall</li></ul> |                     |  |  |
|               |              | 12.   | Test yourself:         |                            | Page#14-1 |  | Teacher will explair<br>learn<br>Keywords.<br>Test yourself:         | n and students will |  |  |
|               |              |       |                        |                            |           |  | Solve exercise A & B   |                     |  |  |

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5 **/15** 5 **/30 Daily Break-Up** 

This is our new teaching week.

| Computer      | Class-IV   4 | 0 min | TERM INFORMATION       | - 1   | Apr-Sep   | 15 week | s 1 to 15                                    | 45 periods            |
|---------------|--------------|-------|------------------------|-------|-----------|---------|--|-----------------------|
| 3 periods p/w | 90 p/a       |       |                        | II    | Oct-Mar   | 15 week | s 16 to 30                                   | 45 periods            |
| MONTH         | WEEK         | PN    | Unit#02 , Input and C  | utput | t Devices |         |  |                       |
|               | Week 5       | [90]  | TOPIC CONTENT & PAGE N | NUMBE | ER .      |         | WORKBOOK OR ACTIV                            | /ITY CONTENTS         |
|               |              | 13.   | Test Yourself          | Pa    | ge#15-16  |         | outputdevice                                 | write the name of     |
|               |              | 14.   | Test Yourself          |       | Page#16   |         | Answer these                                 | e questions. (Q#1-5)  |
|               |              | 15.   | Project Work           |       | Page#16   |         | <ul> <li>Project Work theproject.</li> </ul> | c: Go to Lab complete |

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6 /15 6 /30

Daily Break-Up

This is our new teaching week.

| Computer      | Class-IV   4 | 0 min | TERM INFORMATIO     | N I     | Apr-Sep        | 15 weeks  | 1 to 13  | 45 periods                            |
|---------------|--------------|-------|---------------------|---------|----------------|-----------|--|---------------------------------------|
| 3 periods p/w | 90 p/a       |       |                     | П       | Oct-Mar        | 15 weeks  | 16 to 30   | 45 periods                            |
| MONTH         | WEEK         | PN    | Unit#02 , Input an  | d Outpu | ut Devices     | Unit#03 , | Memory   |                                       |
|               | Week 6       | [90]  | TOPIC CONTENT & PA  | GE NUMB | BER            | V         | VORKBOOK OR ACTI                                     | VITY CONTENTS                         |
|               |              | 16.   | Input and Output Do | evices  | Page# 09-1     | 16        | Test of who  | le chapter.                           |
|               |              | 17.   | Memory              | Pagei   | <b>‡ 17-18</b> | d         | xplain the types of iagramon book. a rimary memory ( | Memory through given nd explain about |
|               |              | 18.   | Memory              | Pa      | ge# 18-19      | E         | AM).<br>xplain about Prima<br>ypes.                  | ary memory ROM and its                |

7 /15 7 /30
Daily Break-Up
This is our new teaching week.

| Computer      | Class-IV   4 | 10 min                            | TERM INFORMATION  | ı     | Apr-Sep   | 15 week | s 1 to 15  | 45 periods                        |  |
|---------------|--------------|-----------------------------------|---|-------|---|---------|--|-----------------------------------|--|
| 3 periods p/w | 90 p/a       |                                   |   | Ш     | Oct-Mar   | 15 week | s 16 to 30                                       | 45 periods                        |  |
| MONTH         | WEEK         | PN                                | Unit#03 , Memory  |       |   |         |  |                                   |  |
|               | Week 7       | [90]                              | TOPIC CONTENT & PAGE NUMBER WORKBOOK OR ACTIVITY CONTENTS |       |   |         |  |                                   |  |
|               |              | 19.                               | Secondary Memory  |       | Page# 1   | 9-20    |  | ents, What is<br>emory, Hard Disc |  |
|               |              | 20. Secondary Memory Page# 20-21s |   | 0-21s | <ul> <li>DVD, Floppy Disc and Pen Drive.</li> <li>Check Your Progress.</li> <li>Rearrange the jumbled letters with thehelp of the given clues.</li> </ul> |         |  |                                   |  |
|               |              | 21.                               | Secondary Memory  |       | Page# 2   | 1-22    | <ul> <li>Reading and<br/>Drivethrough</li> </ul> | Explanation of Disk n diagram.    |  |

8 /15 8 /30
Daily Break-Up
This is our new teaching week.

| Computer      | Class-IV   4 | I0 min | TERM INFORMATION       | ı    | Apr-Sep   | 15 wee   | ks 1 to 15   | 45 periods |  |
|---------------|--------------|--------|------------------------|------|-----------|--|--|------------|--|
| 3 periods p/w | 90 p/a       |        | II (                   |      | Oct-Mar   | 15 wee   | ks 16 to 30  | 45 periods |  |
| MONTH         | WEEK         | PN     | Unit#03 , Memory       |      |           |  |  |            |  |
| Week 8 [90]   |              |        | TOPIC CONTENT & PAGE N | NUMB | ER        |  | WORKBOOK OR ACTIVITY CONTENTS  |            |  |
|               |              |        | Secondary Memory       |      | Page# 2   | <ul> <li>Reading and Explanation of<br/>MeasuringStorage.</li> </ul> |  |            |  |
|               |              | 23.    | Test Yourself          |      | Page# 22- | 23   | <ul> <li>Let Us Recall</li> <li>Activity:</li> <li>Learn Keywords</li> </ul> |            |  |
|               |              | 24.    | Test Yourself          |      | Page# 23  | -24  | Test yourself: Exerc   |            |  |

9 /15 9 /30
Daily Break-Up
This is our new teaching week.

| Computers 3 periods p/w | <b>Class-IV   4</b> | 0 min      | TERM INFORMATION       |  | Apr-Sep<br>Oct-Mar | 15 week |  | 45 periods<br>45 periods |  |  |
|-------------------------|---------------------|------------|------------------------|--|--------------------|---------|--|--------------------------|--|--|
| MONTH                   | WEEK                | PN<br>[90] | Unit#03, Memory        | Unit#03, Memory  TOPIC CONTENT & PAGE NUMBER WORKBOOK OR ACTIVITY CONTENTS |                    |         |  |                          |  |  |
|                         | Week 9 [9           |            | Test Yourself          | VOIVIDI  | Page# 24           |         | Test yourself:  • Exercise C.  • Answer thes |                          |  |  |
| 26                      |                     | 26.        | Test Yourself Page# 24 |  |                    |         |  | e lab and do practical   |  |  |
|                         |                     | 27.        | Test Yourself          |  | Page# 24           |         | PROJECT WO                                   | ORK                      |  |  |

10/15 10/30
Daily Break-Up
This is our new teaching week.

| Computers     | Class-IV   40 | ) min | TERM INFORMATION     | 1  | Apr-Sep   | 15 weeks |               | 45 periods                                  |  |
|---------------|---------------|-------|----------------------|--|-----------|----------|---------------|---|--|
| 3 periods p/w | 90 p/a        |       |                      | II   | Oct-Mar   | 15 weeks | 16 to 30      | 45 periods                                  |  |
| MONTH         | WEEK          | PN    | Unit#03, Memory      | Un   | it#04, Mc | re about | windows       |   |  |
|               | Week 10       | [90]  | TOPIC CONTENT & PAGE | OPIC CONTENT & PAGE NUMBER WORKBOOK OR ACTIVITY CONT |           |          |               |   |  |
|               |               | 28.   | Memory               | Pa   | age#18-24 |          | Test of whole | e chapter                                   |  |
|               | 29.           |       | <u> </u>             |  |           |          |               | explanation of<br>ndows, Starting<br>d This |  |
|               |               | 30.   | Microsoft windows    | Page#26-27   |           | 7        | • •           | planation and<br>In the following topics.   |  |



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11/15 11/30

## **Daily Break-Up**

This is our new teaching week.

| Computers     | Class-IV   40    | ) min | TERM INFORMATION                      | - 1  | Apr-Sep     | 15 wee   | ks 1 to 15  | 45 periods         |  |
|---------------|------------------|-------|---------------------------------------|------|-------------|--|---|--------------------|--|
| 3 periods p/w | 90 p/a           |       |                                       | II   | Oct-Mar     | 15 wee   | ks 16 to 30   | 45 periods         |  |
| MONTH         | WEEK             | PN    | Unit#04, More abou                    | t wi | ndows       |  |   |                    |  |
|               | Week 11          | [90]  | TOPIC CONTENT & PAGE N                | UMB  | ER          |  | WORKBOOK OR ACT   | IVITY CONTENTS     |  |
|               | 31. Screen Saver |       |                                       |      | Page# 28    | Reading and Explanation.  • What is Screen Saver?  • How to change Screen Saver.  • Check your Progress. |   |                    |  |
|               |                  | 32.   | Click Time<br>Setting the Time and Da |      | Page# 29-30 |  | <ul> <li>Click Time</li> <li>Reading and</li> <li>Explanation.</li> <li>How to set to the check your</li> </ul> | the Time and Date? |  |
|               |                  | 33.   | Using Windows Accesso                 | ries | Page# 30    | )-31   |   | lents how to use   |  |



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12/15 12/30

### **Daily Break-Up**

This is our new teaching week.

| Computers     | Class-IV   40 | min  | TERM INFORMATION     | ı      | Apr-Sep  | 15 weeks | s 1 to 13  | 45 periods           |  |
|---------------|---------------|------|----------------------|--------|----------|----------|--|----------------------|--|
| 3 periods p/w | 90 p/a        |      |                      | II     | Oct-Mar  | 15 weeks | s 16 to 30   | 45 periods           |  |
| MONTH         | WEEK          | PN   | Unit#04, More abo    | ut wir | ndows    |          |  |                      |  |
|               | Week 12       | [90] | TOPIC CONTENT & PAGE | NUMB   | ER       |          | WORKBOOK OR ACTIVITY CONTENTS  |                      |  |
|               |               | 34.  | Using Windows Access | sories | Page# 31 | -32      | <ul> <li>Read about</li> <li>Notepad</li> <li>Formatting t</li> <li>Creating a not</li> <li>Saving a not</li> <li>Existing Note</li> </ul> | ew Documents<br>epad |  |
|               |               | 35.  | Using Windows Access | sories | Page# 34 | -35      | <ul> <li>Read about</li> <li>How to oper</li> <li>Resizing a w</li> <li>Moving a wi</li> <li>Computers r</li> </ul>                        | ndow                 |  |
|               |               | 36.  | Test Yourself        |        | Page# 36 |          | <ul><li>Let us Recall</li><li>Learn keywo</li></ul>  |                      |  |

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13**/15** 13**/30** 

## **Daily Break-Up**

This is our new teaching week.

| Computers     | Class-IV   40 | min  | TERM INFORMATION     | ·     | Apr-Sep  | 15 weel | ks 1 to 15                         | 45 periods  |
|---------------|---------------|------|----------------------|-------|----------|---------|------------------------------------|---|
| 3 periods p/w | 90 p/a        |      |                      | Ш     | Oct-Mar  | 15 weel | ks 16 to 30                        | 45 periods  |
| MONTH         | WEEK          | PN   | Unit#04, More abo    | ut wi | ndows    |         |                                    |   |
|               | Week 13       | [90] | TOPIC CONTENT & PAGE | NUMB  | ER       |         | WORKBOOK OR ACTIV                  | VITY CONTENTS   |
|               |               | 37.  | Test Yourself        |       | Page# 37 |         | Test yourself: (D)  • Answer these | e questions.  |
|               |               | 38.  | Go to Lab            |       | Page# 37 |         | Go To lab an                       | d Do the practical's 1 & 2                            |
|               |               | 39.  | Project Work         |       | Page# 37 |         | Go To lab an     Project Worl      | d Do the practical's 3 & 4.<br><b>k</b> for Home work |



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14/15 14/30 Daily Break-Up

This is our new teaching week.

| Computer      | Class-4   40 min |                      | TERM INFORMATION      | 1          | Apr-Sep    | 15 weeks   | 1 to 15                                      | 45 periods                 |  |
|---------------|------------------|----------------------|-----------------------|------------|------------|--|--|----------------------------|--|
| 3 periods p/w | 90 p/a           |                      |                       | II         | Oct-Mar    | 15 weeks   | 16 to 30                                     | 45 periods                 |  |
| MONTH         | WEEK             | PN                   | Unit#05, More abo     | ut Pa      | int        |  |  |                            |  |
|               | Week 14          | [90]                 | TOPIC CONTENT & PAGE  | NUMB       | ER         |  | WORKBOOK OR ACTIVITY CONTENTS                |                            |  |
|               |                  | 40.                  | Drawing Curves        |            | Page#38-39 |  | Reading, explanation Drawing Cur Click Time: | on and practical work. ves |  |
|               |                  | 41. Drawing Polygons |                       | Page#40-41 |            | <ul><li>Reading, explanation and practical wor</li><li>Drawing Polygons</li><li>Click Time</li></ul> |  |                            |  |
|               |                  | 42.                  | Selecting and Erasing |            | Page#41    |  | Explanation and Pra<br>• Selecting and Eras  |                            |  |

15**/15** 15 **/30** 

## **Daily Break-Up**

This is our new teaching week.

| Computer      | Class-4   40 n | nin  | TERM INFORMATION     | I     | Apr-Sep    | 15 week                       | s 1 to 15   | 45 periods                |
|---------------|----------------|------|----------------------|-------|------------|-------------------------------|---|---------------------------|
| 3 periods p/w | /   90 p/a     |      |                      | II    | Oct-Mar    | 15 week                       | s 15 to 30  | 45 periods                |
| MONTH         | WEEK 15        | PN   | Unit#05, More abou   | ut Pa | int        |                               |   |                           |
|               |                | [90] | TOPIC CONTENT & PAGE | NUMB  | BER        | WORKBOOK OR ACTIVITY CONTENTS |   |                           |
|               |                | 43.  | Copying and Pasting  |       | Page# 42   |                               | Reading, explanat work.  • Copying and                    | •                         |
|               |                | 44.  | Copying and Pasting  |       | Page# 42-4 | 3                             | Reading, explanat work.  • Copying and Click Time & Check | ion and practical Pasting |
|               |                | 45.  | Cutting and Pasting  |       | Page# 4    | 4                             | Reading, explanat work.  • Cutting and                    | •                         |

## 2<sup>nd</sup> Term / Final Term

**1/15** 16/30

**Daily Break-Up** 

This is our new teaching week.

| Computer      | Class-4   40 | min  | TERM INFORMATION     | ı    | Apr-Sep     | 15 week | s 1 to 15                | 45 periods             |
|---------------|--------------|------|----------------------|------|-------------|---------|--------------------------|------------------------|
| 3 periods p/w | 90 p/a       |      |                      | II   | Oct-Mar     | 15 week | cs 16 to 30              | 45 periods             |
| MONTH         | WEEK         | PN   | Unit#05, More abo    | ut P | aint        |         |                          |                        |
|               | Week 16      | [90] | TOPIC CONTENT & PAGE | NUM  | BER         |         | WORKBOOK OR ACT          | IVITY CONTENTS         |
|               |              | 46.  | More about paint     |      | Page# 45-46 |         | Let Us recall key words. | y points and learn key |
|               |              | 47.  | Test Yourself        |      | Page# 46    |         | Test yourself:           |                        |
|               |              |      |                      |      |             |         | Solve exercise A & E     | 3.                     |
|               |              | 48.  | Test Yourself        |      | Page# 47    |         | Test yourself:           |                        |
|               |              |      |                      |      |             |         | Solve the exercise (     | C.                     |

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2/15 17/30

## **Daily Break-Up**

This is our new teaching week.

| Computer      | Class-4   40 | min       | TERM INFORMATION     | I        | Apr-Sep  | 15 weeks   | 1 to 15   | 45 periods                            |  |  |
|---------------|--------------|-----------|----------------------|----------|----------|--|---|---------------------------------------|--|--|
| 3 periods p/w | 90 p/a       |           |                      | П        | Oct-Mar  | 15 weeks   | 16 to 30  | 45 periods                            |  |  |
| MONTH         | WEEK         | PN        | Unit#05, More abo    | ut Pa    | int      |  |   |                                       |  |  |
|               | Week 17      | [90]      | TOPIC CONTENT & PAGE | NUME     | BER      |  | WORKBOOK OR ACTIVITY CONTENTS                       |                                       |  |  |
|               | 49. <b>G</b> | Go To Lab |                      | Page# 47 |          | Go to Computer Lab and performpractical work 1 till 2. |   |                                       |  |  |
|               |              | 50.       | Go To Lab            |          | Page# 47 |  | <ul><li>Go to Lab an</li><li>Complete pro</li></ul> | d perform practical 3.<br>oject work. |  |  |
|               |              | 51.       | Test Paper 1         |          | Page#48  |  |   | exercises A till C.                   |  |  |



# Syllabus Breakdown – Computer Science Grade 4 Reproduction Interdicted Document | CS/I-VIII-(90)

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3**/15** 18**/30** 

## **Daily Break-Up**

This is our new teaching week.

| Computer      | Class-IV   40 | min  | TERM INFORMATION    | ı      | Apr-Sep    | 15 week | s 1 to 15   | 39 periods  |  |
|---------------|---------------|------|---------------------|--------|------------|---------|---|---|--|
| 3 periods p/w | /   90 p/a    |      |                     | II     | Oct-Mar    | 15 week | s 16 to 30  | 51 periods  |  |
| MONTH         | WEEK          | PN   | Unit#06, More About | Scratc | h          |         |   |   |  |
|               | Week 18       | [90] | TOPIC CONTENT & PAG | SE NUI | MBER       |         | WORKBOOK OR ACTIVITY CONTENTS   |   |  |
|               |               | 52.  | More About Scratch  |        | Page#49-50 |         | <ul> <li>Let us revise some basic scratchcommands and terms.</li> </ul> |   |  |
| 53.           |               |      | Coordinate System   |        | Page#50-51 |         | <ul> <li>Coordinate S</li> </ul>  | n and practical work.<br>ystem<br>e the activity of click |  |
|               |               | 54.  | Costumes            |        | Page#52-53 | 3       | Reading, explanatio  Costumes   | n and practical work.                                     |  |

4/15 19/30
Daily Break-Up
This is our new teaching week.

| Computer      | Class-IV   40 | min  | TERM INFORMATION     | ı      | Apr-Sep     | 15 week   | s 1 to 15   | 45 periods          |
|---------------|---------------|------|----------------------|--------|-------------|-----------|---|---------------------|
| 3 periods p/w | /   90 p/a    |      |                      | П      | Oct-Mar     | 15 week   | s 16 to 30  | 45 periods          |
| MONTH         | WEEK          | PN   | Unit#06, More Abo    | out So | ratch       |           |   |                     |
|               | Week 19       | [90] | TOPIC CONTENT & PAGE | NUM    | BER         |           | WORKBOOK OR ACTI  | VITY CONTENTS       |
|               |               | 55.  | Costumes             |        | Page#53-54  |           | Reading, explanation  Costumes Click Time                   | and practical work. |
|               |               | 56.  | Loops                |        | Page# 55-56 |           | Reading, explanation  • Loops                               | and practical work. |
|               |               | 57.  | Click Time.          |        | Page# 56-5  | <b>58</b> | <ul><li>Click Time.</li><li>Check Your Properties</li></ul> | rogress             |



5/15 20/30
Daily Break-Up
This is our new teaching week.

| Computer      | Class-IV   40 | min                  | TERM INFORMATION            | ı     | Apr-Sep  | 15 weeks | 1 to 15   | 45 periods    |  |
|---------------|---------------|----------------------|-----------------------------|-------|----------|----------|---|---------------|--|
| 3 periods p/w | /  90 p/a     |                      |                             | II    | Oct-Mar  | 15 weeks | 16 to 30  | 45 periods    |  |
| MONTH         | WEEK          | PN                   | Unit#06, More About Scratch |       |          |          |   |               |  |
|               | Week 20       | [90]                 | TOPIC CONTENT & PAGE        | NUMBI | R        | V        | VORKBOOK OR ACTIV   | /ITY CONTENTS |  |
|               |               | 58.                  | Events                      | Page  | ±# 58-59 |          | xplanation and Pra<br>ollowing Topic<br>• Explain what<br>• Click Time  |               |  |
|               |               | 59.                  | 59. It's Alive Pa           | Page  | # 61-64  |          | following Topic  • Explain the topic "It's  |               |  |
|               |               | 60. More About Scrat |                             | Pag   | e# 64-66 |          | <ul> <li>Explain the topic it's Alive</li> <li>Cool Tip</li> <li>Let Us Recall</li> <li>Keywords</li> <li>Solve exercise A &amp; B</li> </ul> |               |  |



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6/15 21/30
Daily Break-Up
This is our new teaching week.

| Computer      | Class-IV   40 | min                     | TERM INFORMATION     | ı           | Apr-Sep    | 15 weeks  | 1 to 15  | 45 periods         |  |
|---------------|---------------|-------------------------|----------------------|-------------|------------|-----------|--|--------------------|--|
| 3 periods p/w | /   90 p/a    |                         |                      | II          | Oct-Mar    | 15 weeks  | 16 to 30   | 45 periods         |  |
| MONTH         | WEEK          | PN                      | Unit#06, More About  | Scratch     | Unit#07,   | Formattin | g In MS Word 2016  |                    |  |
|               | Week 21       | [90]                    | TOPIC CONTENT & PAGE | NUMBE       | R          |           | WORKBOOK OR ACTIV  | ITY CONTENTS       |  |
|               |               | 61.                     | Test Yourself.       |             | page#66    |           | <ul> <li>Understanding &amp; a questions of exercise</li> </ul>                                      |                    |  |
|               |               | 62. Formatting the Text |                      | Page# 67-68 |            |           | Explanation and Practical work of the followingTopic  Explain how to "Formatting the text Click Time |                    |  |
|               |               | 63.                     | Aligning the Text    | Pa          | nge# 69-70 |           | Explanation and Pra-<br>followingTopic   | ctical work of the |  |



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7/15 22/30
Daily Break-Up
This is our new teaching week.

| Computers     | Class-IV   40 | min                      | TERM INFORMATION         | ı                   | Apr-Sep  | 15 wee  | ks 1 to 15   | 45 periods                  |  |
|---------------|---------------|--------------------------|--------------------------|---------------------|----------|---------|--|-----------------------------|--|
| 3 periods p/w | 90 p/a        |                          |                          | II                  | Oct-Mar  | 15 wee  | ks 16 to 30  | 45 periods                  |  |
| MONTH         | WEEK          | PN                       | Unit#07, Formatting In I | MS W                | ord 2016 |         |  |                             |  |
|               | Week 22       | [90]                     | TOPIC CONTENT & PAGE N   | GE NUMBER           |          |         | WORKBOOK OR A  | ACTIVITY CONTENTS           |  |
|               |               | 64. Applying Borders and |                          | Shading Page# 71-72 |          |         | Explanation and Practical work of the following Topic  • Explain how to "Apply Borders and Shading." |                             |  |
|               |               | 65.                      | Click Time               |                     | Page# 73 | 3       | Click Tim  | e                           |  |
|               |               | 66.                      | Adding Bullets and Num   | berinį              | g Page   | # 74-75 | followingTopic   | Ow to "Add Bullets bering." |  |

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8/15 23/30
Daily Break-Up
This is our new teaching week.

| Computers     | Class-IV   40                            | min | TERM INFORMATION    | ı                                   | Apr-Sep | 15 weeks                    | 1 to 15   | 45 periods           |  |  |
|---------------|--|-----|---------------------|-------------------------------------|---------|-----------------------------|---|----------------------|--|--|
| 3 periods p/w | 90 p/a                                   |     |                     | II                                  | Oct-Mar | 15 weeks                    | 16 to 30  | 45 periods           |  |  |
| MONTH         | WEEK                                     | PN  | Unit#07, Formatting | Unit#07, Formatting In MS Word 2016 |         |                             |   |                      |  |  |
|               | Week 23 [90] TOPIC CONTENT & PAGE NUMBER |     |                     |                                     | R       | WORKBOOK OR ACTIVITY CONTEN |   |                      |  |  |
|               |  | 67. | Test yourself       | Page#7                              | 76-77   |                             | <ul> <li>Click Time</li> <li>Check Your Pro</li> <li>Computer Mar</li> <li>Let Us Recall</li> <li>Keywords</li> </ul> | -                    |  |  |
|               |  | 68. | Test yourself       | Page#                               | 77-78   |                             | Complete the 6  | exercises A trill D. |  |  |
|               |  | 69. | Test yourself       | Page#                               | 78      |                             | Complete the 6  | exercises E.         |  |  |

9/15 24/30
Daily Break-Up
This is our new teaching week.

| Computers     | Class-IV   40                   | min | TERM INFORMATION       | ı      | Apr-Sep    | 15 weeks | 1 to 15                       | 45 periods                          |  |
|---------------|---------------------------------|-----|------------------------|--------|------------|----------|-------------------------------|-------------------------------------|--|
| 3 periods p/w | 90 p/a                          |     |                        | II     | Oct-Mar    | 15 weeks | 16 to 30                      | 45 periods                          |  |
| MONTH         | WEEK                            | PN  | Unit#07, Formatting Ir | n MS W | ord 2016   |          |                               |                                     |  |
|               | Week 11 [90] TOPIC CONTENT & PA |     |                        |        | R          |          | WORKBOOK OR ACTIVITY CONTENTS |                                     |  |
|               |                                 | 70. | Test yourself          | P      | age# 78    |          | Complete th                   | e exercise E.                       |  |
|               |                                 | 71. | Go To lab              | pa     | age# 78-79 |          | Go to Lab ar practical 1ar    | nd complete the nd 2.               |  |
|               |                                 | 72. | Go To lab              | pa     | age# 79-80 |          |                               | nd complete the<br>nd Project work. |  |

**10/15** 25/30

**Daily Break-Up** 

This is our new teaching week.

| Computers     | Class-IV   40 | min  | TERM INFORMATION                        | 1  | Apr-Sep       | 15 weeks | 1 to 15   | 45 periods                |  |  |
|---------------|---------------|------|---|--|---------------|----------|---|---------------------------|--|--|
| 3 periods p/w | 90 p/a        |      |   | Ш  | Oct-Mar       | 15 weeks | 16 to 30  | 45 periods                |  |  |
| MONTH         | WEEK          | PN   | Unit#08, Introduction 1                 | Unit#08, Introduction To MS Power Paint 2016 |               |          |   |                           |  |  |
|               | Week 25       | [90] | TOPIC CONTENT & PAGE                    | NUMB   | ER            |          | WORKBOOK OR ACTIVITY CONTENTS   |                           |  |  |
|               | 73.           | 73.  | Starting Power Point                    |  | page# 81-83   |          | Explanation and Practical work of the following Topics  • Explain all steps of "Starting Power Point and Power Point Screen". |                           |  |  |
|               |               | 74.  | Creating a new presentation page# 83-84 |  |               |          | Explanation and Practical work of the following Topics  • Explain how to "Create a newpresentation.                           |                           |  |  |
|               |               | 75.  | Saving a presentation a page# 85-86     | ind Ins                                      | serting a new | JJ.      | Explanation and Pra<br>topics   | actical work of the given |  |  |



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11/15 26/30

**Daily Break-Up** 

This is our new teaching week.

| Computers     | Class-IV   40 | min  | TERM INFORMATION                    | ı  | Apr-Sep     | 15 week | s 1 to 15   | 45 periods                                 |  |  |
|---------------|---------------|------|-------------------------------------|--|-------------|---------|---|--|--|--|
| 3 periods p/w | 90 p/a        |      |                                     | II .   | Oct-Mar     | 15 week | s 16 to 30  | 45 periods                                 |  |  |
| MONTH         | WEEK          | PN   | Unit#08, Introduction T             | Unit#08, Introduction To MS Power Paint 2016 |             |         |   |  |  |  |
|               | Week 26       | [90] | TOPIC CONTENT & PAGE                | NUMB   | ER          |         | WORKBOOK OR ACT   | IVITY CONTENTS                             |  |  |
|               |               | 76.  | Slide Show                          |  | Page# 86-87 |         | Explanation and Pr<br>following Topics                              |  |  |  |
|               |               | 77.  | Closing a File Opening a Saved File |  | Page# 87-88 | 3       | Explanation and Pr<br>following Topics • Explain how<br>saved File. | actical work of the to closed and open the |  |  |
|               |               | 78.  | Test Yourself                       |  | Page# 89-90 |         | <ul><li>Let Us Recal</li><li>Keywords</li><li>Complete Ex</li></ul> | l<br>kercises A till D                     |  |  |

12/15 27/30

**Daily Break-Up** 

This is our new teaching week.

| Computers     | Class-IV   40 | min               | TERM INFORMATION        | ı        | Apr-Sep     | 15 weeks | 1 to 15                       | 45 periods |  |
|---------------|---------------|-------------------|-------------------------|----------|-------------|----------|-------------------------------|------------|--|
| 3 periods p/w | /   90 p/a    |                   |                         | II       | Oct-Mar     | 15 weeks | 16 to 30                      | 45 periods |  |
| MONTH         | WEEK          | PN                | Unit#08, Introduction T | o MS I   | Power Paint | 2016     |                               |            |  |
|               | Week 27       | [90]              | TOPIC CONTENT & PAGE N  | NUMBI    | ER .        | V        | WORKBOOK OR ACTIVITY CONTENTS |            |  |
|               |               | 79. Test Yourself |                         |          | Page# 91    |          | Complete Exercises E till G.  |            |  |
|               |               | 80.               | Go To Lab               | F        | Page# 91-92 |          | Do practical 1 & 2.           |            |  |
|               |               | 81.               | Project Work            | Page# 92 |             |          | Do practical work.            |            |  |



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13/15 28/30

**Daily Break-Up** 

This is our new teaching week.

| Computers     | Class-IV   40 | min        | TERM INFORMATION     | 1                     | Apr-Sep     | 15 weeks  | s 1 to 15                              | 45 periods           |  |
|---------------|---------------|------------|----------------------|-----------------------|-------------|---|--|----------------------|--|
| 3 periods p/w | 90 p/a        |            |                      | П                     | Oct-Mar     | 15 weeks  | s 16 to 30                             | 45 periods           |  |
| MONTH         | WEEK          | PN         | Unit# 09, Multimedi  | Unit# 09, Multimedia. |             |   |  |                      |  |
|               | Week 28       | [90]       | TOPIC CONTENT & PAGI | NUMBE                 | ER          |   | WORKBOOK OR ACTIV                      | VITY CONTENTS        |  |
|               |               | Multimedia | Page                 | <del>†</del> 93-94    |             | Explanation and Practical work of the following Topic Explain about Multimedia. |  |                      |  |
|               |               | 83.        | Hardware Required    |                       | Page# 94-95 |   | Explanation and Pra<br>following Topic | t Hardware Required. |  |
|               |               | 84.        | Hardware Required    |                       | Page# 95-96 |   | Explanation and Pra<br>following Topic |                      |  |

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**16/15** 29/**30** 

**Daily Break-Up** 

This is our new teaching week.

| Computers     | Class-IV   40               | min   | TERM INFORMATION        | I Apr-Sep   | 15 weeks | 1 to 15   | 45 periods |  |  |
|---------------|-----------------------------|-------|-------------------------|---|----------|---|------------|--|--|
| 3 periods p/w | 90 p/a                      |       |                         | II Oct-Mar  | 15 weeks | 16 to 30  | 45 periods |  |  |
| MONTH         | WEEK                        | PN    | Unit# 09, Multimedia.   | Unit# 09, Multimedia.   |          |   |            |  |  |
|               | Week 29                     | [90]  | TOPIC CONTENT & PAGE NU | MBER  | ,        | WORKBOOK OR ACTIVITY CONTENTS   |            |  |  |
|               |                             | 85.   | Hardware Required       | Page# 97-98   |          | Explanation and Practical work of the following Topic  • Explain about Hardware Require |            |  |  |
|               | 86. Let Us Recall & Keyword | Page# | 98-99                   | <ul> <li>Computers Manners</li> <li>Let Us Recall</li> <li>Keywords.</li> <li>Solve the exercises A till B</li> </ul> |          |   |            |  |  |
|               | 87.                         |       | Test Yourself           | Page# 99  | 9        | Solve the exe   |            |  |  |

15/15 30/30
Daily Break-Up
This is our new teaching week.

| Computers     | Class-IV   40 | min  | TERM INFORMATION         | ı   | Apr-Sep     | 15 week | s 1 to 15                     | 45 periods               |
|---------------|---------------|------|--------------------------|-----|-------------|---------|-------------------------------|--------------------------|
| 3 periods p/w | 90 p/a        |      |                          | II  | Oct-Mar     | 15 week | s 16 to 30                    | 45 periods               |
| MONTH         | WEEK          | PN   | Unit# 09, Multimedia.    |     |             |         |                               |                          |
|               | Week 30       | [90] | TOPIC CONTENT & PAGE NU  | IMB | ER          |         | WORKBOOK OR ACTIVITY CONTENTS |                          |
|               |               | 88.  | Go To Lab & Project Work | (   | Page# 9     | 9       | Go to Computer Lab            | and perform practical's. |
|               |               | 89.  | Test Paper 2             |     | Page# 100   |         | . Take Test of Test p         | aper 2.                  |
|               |               | 90.  | Project Work             |     | Page# 101-1 | L02     | Complete pr                   | oject work.              |
|               |               |      |                          |     |             |         |                               |                          |