

# SCHOOL INTERNSHIP PROGRAMME FILE

## LESSON PLAN NOTE-BOOK

|                        |         |
|------------------------|---------|
| Name                   | Pragati |
| College<br>Roll No.    |         |
| University<br>Roll No. |         |

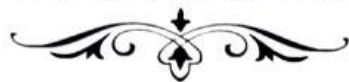
**CLASS : B.Ed.**

**SE** **SUNANDA ENTERPRISES**  
(Distributor)  
**M. 8899000065**

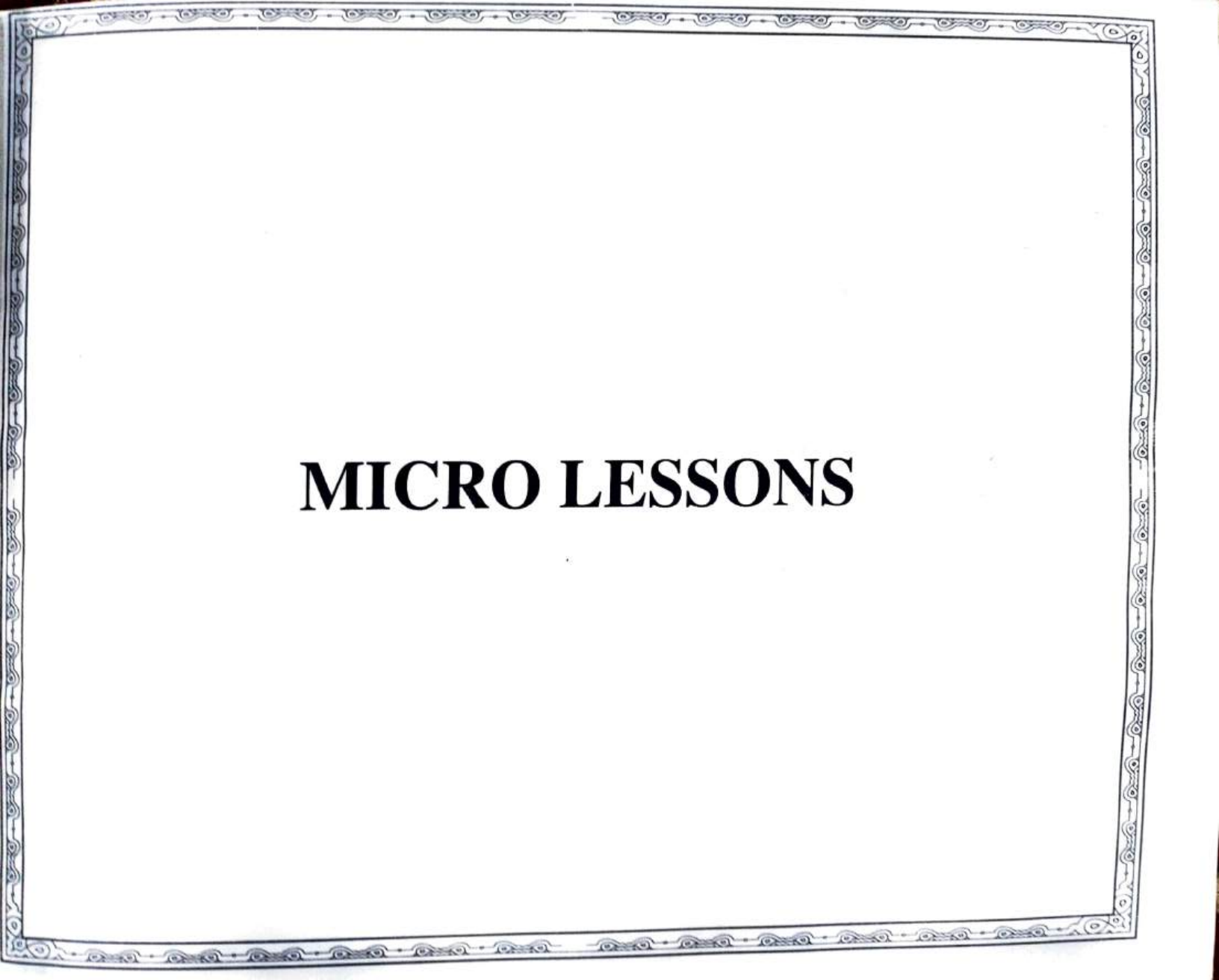
# INDEX

| Type of Lessons                                                        | Page No. |
|------------------------------------------------------------------------|----------|
| 1 MICRO LESSONS                                                        |          |
| 2 MACRO LESSONS                                                        |          |
| 3 DIARY FORM LESSONS                                                   |          |
| 4 ICT BASED LESSONS                                                    |          |
| 5 UNIT TEST BASED LESSONS                                              |          |
| 6 DISCUSSION LESSON                                                    |          |
| 7 TEACHING MODEL BASED LESSONS                                         |          |
| 8 OBSERVATION OF SCHOOL TEACHERS' LESSONS<br>PEER TEACHING OBSERVATION |          |

# TIME TABLE



|            | 1 | 2 | 3 | 4 | <b>R<br/>E<br/>C<br/>E<br/>S<br/>S</b> | 5 | 6 | 7 | 8 | 9 |
|------------|---|---|---|---|----------------------------------------|---|---|---|---|---|
| <b>Mon</b> |   |   |   |   |                                        |   |   |   |   |   |
| <b>Tue</b> |   |   |   |   |                                        |   |   |   |   |   |
| <b>Wed</b> |   |   |   |   |                                        |   |   |   |   |   |
| <b>Thu</b> |   |   |   |   |                                        |   |   |   |   |   |
| <b>Fri</b> |   |   |   |   |                                        |   |   |   |   |   |
| <b>Sat</b> |   |   |   |   |                                        |   |   |   |   |   |

A decorative border with a repeating scroll pattern surrounds the entire page.

# **MICRO LESSONS**

Date:-  
Subject - Computer  
Topic - School Plan

Class - 1  
Period - 1  
Time - 1

Unit - 11

# SCHOOL PLAN

We start one building in the beginning and ultimately they shape up.

Meaning - 1 According to Webster's dictionary.

Compus - 1 Campus means "Grounds of a school, college or university where the main building are".

## # Importance of School Plan

## I Realisation of educational objectives.

The School Plan is a factor of great importance in education. To ensure the proper realization of educational goals in the school plan must always be in sound conditions.

## II Integral Part of learning environment :

The School Plan is an Integral Part of the learning environment while describing the Importance of School.

Dr. K. G. Saigedien States :- A School Plan College is a vital and life giving environment to the extended that it brings into the life of its students and an abiding core of its students

and appreciating for all that its past  
and most significant in national and  
human life.

### III Influence on health and personality:

The campus is the school as the body to the Soul  
an empire to kingdom Plant to the Pilot,  
tool to the worker dress to the woman,  
land to the producer and machinery to factory.  
It should be appropriate and attractive.

### # Essential Characteristics / Principles of School Plan (Campus)

I A Directory - The School Plan must process the  
facilities necessary for the efficient  
and effective accommodation of all the  
phases of curricular, co-curricular.

and humanity activities for which the Plan is intended.

The four Points namely -

1. Site and Surrounding.
2. Area
3. Plan
4. Design of Construction Special attention.

II Safety and well - The School Plan must be able to protect the health and safety of pupil and teachers. It must be planned in strict conformity with laws. It must be planned to have proper ventilation.

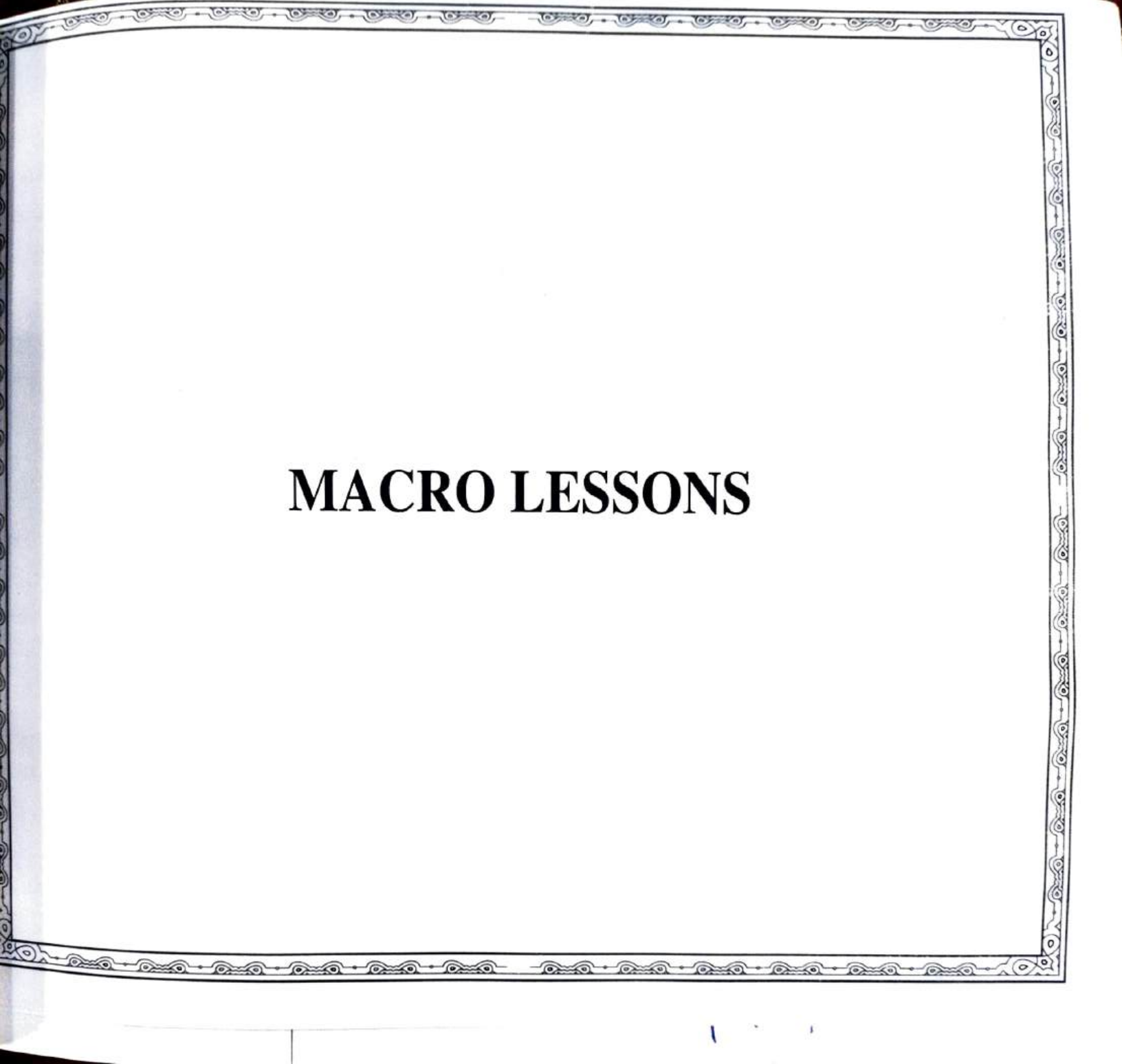
VI ① Beauty - The school campus must be artistically and ~~not~~ beautiful designed. It should present a pleasant and cheerful look there must be neatness and ~~at~~ <sup>at</sup> ~~character~~ in the school

III Economy

IV Flexibility.

③ Ventilation and humanity.

Maintenance of school campus traffic in the building.

A decorative border with a repeating scroll pattern surrounds the page.

# MACRO LESSONS

Date - 3-09-25  
Subject - Computer Science

Unit - 1  
2 2

Topic - Input/Output devices

General Aid - :

A well equipped classrooms with chalk boards, chalks, duster and pointer.

Specific Aid -

Chart of Recapitulation.

General Aims - :

Pupil teacher will teach the computer to achieve following general aims - :

- 1) To enables students to gain knowledge about computer.
- 2) To ~~create~~ aware the students to make use of computer in daily life.

Specific Aims -

After the lesson, the students will be able to understand and use the Input device.

P.K Testing - :

Q1 - What is computer?

Q2 - Where are use of computers?

Q3 - What are the different devices of computer?

Q4 - By which devices we enter data into computer?

Announcement of  
the topic :-

After getting the satisfactory responses from the students, "I announce the topic by saying, "Well Students, Today we will discuss" Input devices."

Presentation of  
the Topic -)

Pupil teachers will use lecture and demonstration method to Present the lesson with the achieve participation of the students.

## Subject Matters

## P.T Activity

## Teaching Aid

## B.B work

Input -  
Input is any data, any instructions entered into the computer.  
There are four types of data which are input into the computer.

- 1) Text
- 2) Graphic
- 3) Audio
- 4) Video

Pupil teacher will explain Input and side by side use questioning techniques.

Pupil teacher will ask following questions -

Q-? What is text?  
Q-? What is graphic and audio and video?

## Secondary memory:-

It is also known as extreme memory. It is used to store data permanently.

Input is any data and instructions entered into the computer. There are four types of data.

## Types of Input devices

1) Key Board - It is an essential Input device attached with computer.

It is like a typewriter with more keys.

There are four types of keyboard keys.

- 1.) Alphabetic keys
- 2.) Numeric keys
- 3.) Function keys
- 4.) Special keys
- 5.) Multimedia keys

## Subject Matter

P.T. will ask which devices are commonly used to enter data into the computer?

P.T. will ask what are alphabets?

By showing picture of keyboard.

Teachers explain keys of keyboard

## Types of Input device

Keyboard, Mouse  
Scanner  
Microphone  
Joystick  
Light pen  
touch Screen  
Track ball  
Graphic Tablet  
Mouse  
P.C  
Printer

Barcode Reader :- A barcode reader is a device reader that uses a light source to read barcodes and then convert them into digital data that a computer can process. It is in the form of vertical lines are called barcode reader.

By showing picture of barcode, P.T will ask the identify the picture?

P.T will ask what information is stored in Barcode reader.

## Recapitulation -

- Q-? What is keyboard?
- Q-? Explain the types of keyboard?
- Q-? What is barcode?

## Homework -

Draw the picture of Barcode and keyboard on your notebook.

Date - 4-sep-25

Subject - Computer Science

Topic - Pointer / MS Word

Units - 12

General Aid -

A well equipped classroom with chalkboard, chalks, duster and pointer.

Specific aid -

Real objects of hard disk, CD & DVD.

General aims -

P.T will teach the computer to achieve following general aims -

- 1.) To develop interest in the subject.
- 2.) To develop the logical thinking and know ledge about the memory.
- 3.) To develop scientific attitude in students.

Specific aims -

After the lesson, the student will be able to define the secondary memory in details.

P.K testing -

- Q-1 Name the brain of computer?
- Q-2 What do you mean by primary memory?
- Q-3 What do you mean by RAM?

Announcement  
of the topic - 1

Q-1 What do you mean by ROM?

Q-1 What do you mean by memory?

After finding the students unable to give satisfactory response of last questions. The pupils teacher will be, announce the topic by saying, "Well Students, today we will study about the secondary memory."

Presentation - 1

P.T will use - lecture can - demonstration  
method be present the lesson  
with active participation  
of the students.

Subject matter

P.T Activity

Teaching Aid

B.B works.

Secondary memory?

It is also known as essential external memory. It is used to store data permanently for long term. Two popular devices are floppy disk, compact disk, floppy disk, compact disk, hard disk.

P.T will explain the Secondary memory and side by side ask following questions:-  
Q-1 What do you mean by storage?

P.T will ask to the students what is MB?

# MS word is the word processor:-

① To start the ms word programme click on start button

② Point to the MS-office and click on MS-word

MS word is a collection of means. Packages like MS-word excel, Powerpoint access MS-word is a word processor.

Floppy disk:- It is used to transfer a very small amount of data from PC to another. Its capacity is 1.2 MB to 144 MB.

Optical disk:- The storage capacity is very high. CD's and DVD's come under this normally. It can be store 700 MB of ~~MB~~ data.

P.T will ask to the students what is ~~an~~ MB?

P.T will be ask the students what is the shape of the alphabet 'O' - Its round.

key points

Title Bar  
Menu Bar  
Tool Bar  
Scroll Bar  
Status Bar

A) DVD can store 4.7GB which is equal to the capacity of app. 7 CD's once its data is stored in it, It can't be used again.

Hard Disk-1

It is a fixed in computers data can be accessed more quickly than other devices. Its storage capacity is 40, 80, 160, 320, 420 GB.

P.T will ask the students about the optical disk  
a) Put over in B.B

P.T will ask hard disk, storage device to the students

Tool Bar :-

It has every applets. these are different tools bar like standard formatting Bar.

- Recapitulation -
- 1) Secondary memory is \_\_\_\_\_.
  - 2) Capacity of floppy disk is \_\_\_\_\_.
  - 3) CD to DVD's are \_\_\_\_\_ clicks.
  - 4) \_\_\_\_\_ is the Internal storage device.
  - 5) \_\_\_\_\_ is like a tape recorder device.

Home work -

Write the various Secondary devices in your notebooks.

Date: 6 Sep 2025  
Subject: Computer Science

Unit: 3

Topic: MS Office / MS Word

General aids - A well equipped classroom, chairs, duster, black board and pointer.

Specific aid - P.T will use following specific material for effective teaching.

- chart for recapitulation
- flash card for Q.P.K. testing.

General aims - P.T will teach the computer to achieve following general aims -

- 1.) To develop scientific attitude in students.
- 2.) To develop interest among students.
- 3.) To ~~develop~~ ~~interest~~ ~~among~~ enable the students to express them effectively.

Specific Aims - After the lesson, students will be able to know about the components of MS-word.

Q.P.K. testing - Q: What do you mean by software?  
Q: Write the Explains, examples of applications software?

of which applications software is used to work in environment.

Announcement  
of the topic

After getting the satisfactory and understanding answers pupils teacher say "well students, we study about the components of MS word."

Presentation:-

Pupil teachers will use lecture and demonstrations method with active participation of students.

Student subject  
matter

MS-office is a collection of many packages like MS-word, MS-excel, Power-point access. MS-word is the word processor.

1.) To start the MS-word program click on the start button.

2.) Point to the MS-office and click on MS-word.

P.T's activity

P.T will explain the MS-office and also explain the steps to open the MS-word and also ask questions to students.

Q:- How will you start the program?

Teaching aid

B-B work

Police serve is ice  
Police man record  
the criminal records.  
It is also used for  
finger Print.

Date:- 8 Sep 2025

Topic:- Application of computer

Subject:- Computer Science

Unit:- 4

General Aid:-

A well equipped classroom, chalk, duster and pointer.

Specific Aid:-

P.T will use specific Aid for effective teaching chart for recapitulation related to the topic.

General Aid:-

P.T will teach computer to student to achieve following aims.

- 1) To enable students to know more about computer.
- 2) To enable students to develop interest in computer.

Specific aim:-

Students will be able to acquire knowledge about application of computer.

P.K testing:-

- Q:- what are computers?
- Q:- Why we use the computers?
- Q:- Explain various parts of computer?
- Q:- Write name of the field, where we use computers.

Announcement of  
the topic:-

After getting the satisfactory, or ~~unsatisfactory~~ response of students P.T will announce the topic by saying, "well students, Today we will discuss about details. The use of computer."

P.T will use lecture - cum demonstration method for the achieve participation of the students.

Subject matter

IT activity

Teaching Aid

B.B work

Police Services:-

The police man store and record ~~and~~ the criminal annual back ground etc. It is used for files filing and record of criminal computers is used for paying the fine online. It saves time.

P.T will explain the concept of the use of computer in police services.

Steps to Start  
wordpad:- Choose

Start  
↓  
Programs  
↓  
Accessories  
↓  
word Pad

word pad:- It is like notepad is that editor but is more classboard than notepad.

## Entertainment:-

Computers are used for special effects in movies, videos, games etc. Computers are used for painting.

IT will explain the use of computer in entertainment field.

Banking:- In banking computer are used for maintaining accounts, interest, calculations etc.

IT will explain the use of computer in bank.

Entertainment  
Computer  
used for special  
effect movies  
games etc. It  
is also used  
for Banking  
transport etc.

See status  
of seat availability  
traffic control,  
air control  
etc. we can  
online our seats  
by online

P.T will use  
computer in  
transport.

Software - The  
Set of Programs  
are software  
is a program  
Stored in the  
Storage devices.

Date: 10-9-23

Subject: Computer science

Topic: Software its types

Units: 5

Recapitulation:-

- Q:- Why we use computer in banking?
- Q:- Computer are used to give sound.
- Q:- Computer reduces burden.

Home work:-

What is the use of computer in different fields and paste pictures?

General Aids:- A well equipped classroom, chalk, black board, duster, chalks and pointer.

Specific Aids:- P.T will use specific aid for effective teaching.

Chart for recapitulation related to the topic.

General aims:-

P.T will teach the computers to achieve following general aims

- 1.) To enable the students to use computer.
- 2.) To develop the intellectual ability of the students.

Specific aims :- After this topic student will ask to know about the software and their types.

P.K Testing :-  
Q:- what are the various parts of computer?  
Q:- Name of the two parts computers & perform task?  
Q:- What do you mean by software?

Announcement :- After getting satisfactory or unsatisfactory response, P.T will announce the topic by saying, "well students, today we will study about the software & its types."

Presentation of the topic :- P.T will use lecture - cum demonstration method & questioning techniques with active participation of students.

## Subject Matter:-

Software:- sequence of instructions is called programs. The set of programs are software. Software is a program stored in a storage device - storage devices helps the computers to work. It directs the computer to work.

## I.T activity

P.T will explain the concept of software.

## Teaching aids

## B-B work

Step to Start Word Pad.

Choose Start



Programms



Accessories



Word Pad.

Word-Pad - It is like notepad is a text editor But is more classboard than notebook.

Recapitulation:-

- Q:- System software is \_\_\_\_\_
- Q:- Point, excel, word are \_\_\_\_\_ software.
- Q:- Operating systems is a part of \_\_\_\_\_
- Q:- After using concepts compute we should \_\_\_\_\_ it.

Homework:-

- Q:- Write short note on different software.
- Q:- Give examples of system software.

Date - 15 Sep 2023  
Subject - Computer Science  
Topic - Wordpad  
General Aids - 1

Units - 1 6  
2 2

Specific Aids - 1

General aims - 1

①

②

③

④

Specific aims - 1

Q.P.K Testing - 1

Chalks board, Chalk, duster, classroom and pointer.

P.T will be Specific aid for effective teaching. Real object computer system for practical cursor.

P.T will teach computers to achieve some generalism.

To develop practical skill of students.

To enable students to know more about computer.

To enable interest among students in computer.

To develop intellectual ability of the students.

Students will be able to know more about wordpad.

Q - 1 What are various software?

Q - 1 What are application software?

Q - 1 What is word pad?

Q - 1 Discuss about wordpad in detail?

Q - 1 What should be done on wordpad?

Announcement of  
The topic:-

After getting response of the students P.T will announce the topic by saying "OK", students, today we will discuss about the tool bars of wordpad.

Presentation:-

Method P.T will use lecture demonstration method as well as fractional work with questions/answer techniques.

Subject  
Matter

P.T activity

Teaching  
aid

B.B  
work

Wordpad - It is like notepad is a text editor, b/w is more clear board than notepad. We can format changes with it.

P.T will explain the concept of the notepad to the students.

Step to Start  
Word Pad -  
Choose Start  
↓  
Programms  
↓  
Accessories  
Word Pad

Steps - i to  
Start wordpad  
Choose Start →  
program

WordPad -  
It is like notepad is a Start text editors but is more clear board than notepad.

Toolbar - Title bar, menu, standard, for making toolbar.

Title bar - Display the title of the document.

Menubar - It contains the menu of commands by clicking on option.

Toolbar - It gives various button (icons). To perform task such as often, cursor in easy

P.T will be able what are the tool bar of wordpad!

Explaining the title bar, menu bar, standard bar.

All the tool bar are explained by the teacher.

Steps to start word-pad

Tool Bar - It is gives various buttons to perform a task such as open but save in easy way. i.e.:-

Tool bar, format bar - It has icons to change the colour

Tool Bar  
→ Title bar  
→ Menu bar  
→ Tool bar  
→ Format Bar  
→ Title Bar

## Recapitulation - 1

- Q-1 What is wordpad?
- Q-2 How to open the wordpad?
- Q-3 Name the menus of menu bar?
- Q-4 What are the functions of format menu bar?

## Homework - 1

Draw window of wordpad and write all the menus and tool bars ~~also~~ of wordpad.

Date - 19 Sep 2025  
Subject - Computer Science  
Topic - MS Excel  
General Aids - 1

Unit - 1

A well equipped classroom, Chalk, chalkboard, black board, cluster and pointer.

Specific Aids - 1

P.T will use Scientific teaching aid for effective teaching - 1 Chart for recapitulation.

General Aids/Aims - 1

- P.T will teach the computers to achieve following general aims - 1
- 1.) To enable the students to know more about computer
  - 2.) To develop the Interest of the students in computer.
  - 3.) To assist pupils in developing their practical skill.

Specific Aims - 1

Students will be able to explain about components of the MS - Excel.

Specific Aims - 1

Students will be able to explain about components of the MS-word, MS-Excel.

P.K Testing - 1

The P.T will be ask the following questions to check the previous knowledge of students

Q-1: What is MS-office?

Q-1: In which components we can do calculations?

Q-1: What do you mean by MS-Excel.

Announcement of topic - 1

After, getting the satisfactory and unsatisfactory response from the students. P.T will announce the topic by saying, 'well' Students today, we will study about components of the MS-Excel.

Presentation - 1

P.T will use lecture undemonstration method to present the lesson with the active participation of the students.

## Subject-Matter:

Components of MS-Excel title bar- It is located at the very top of the screen on it

MS-Excel displays the name of the work book, you are using.

Menu bar- It is a directly below the title bar.

The menu begins and continues with edit, view, insert etc

## P.T Activity

P.T will explain the title bar by showing picture

P.T will give the details about the menu bar.

P.T will explain the uses of tool bar in MS-Excel

## Teaching Aids

## B.B work

Menu Bar- It is directly below the title bar. The menu bar begins with the option files and continues with edit view, insert etc.

## Title Bar

It is located at the very top of the screen on it.

2.) Tool bar:- Tool bar provide short bar units more menu bar commands.

Worksheets:- Excel consist of the ~~no~~ formula bar is turned on the cell address displays in the name box on the left side of the formula bar.

P.T will tell work sheets consists of rows & columns

# The most two common tool bars →

① Standard Tool bar

② Formatting Tool bar work sheet also explain also on the black board.

Tool bar

Tool bar provide short bar cut to more new command

### Recapitulation:-

- Q:- What is menubar?
- Q:- What is tool bar?
- Q:- How many worksheets in MS-excel?
- Q:- What is title bar?

Home work:- Draw the MS-excel window on their  
N. B.

Date:-  
Subject:- Computer Science

Topic:- Paint  
Unit:- 10

General Aids:-

A well equipped classroom, black board, chalk, cluster, pointer etc.

Specific Aids:-

P.T will use specific aid for effective teaching chart of or recapitulation.  
• Real objects of joysticks and calculations.

General aims:-

- ① To enable the students to know more about computers.
- ② To assist pupils in developing their practical skills.

Specific aims:-

After the lesson students will be able to understand the knowledge of windows.

P.K testing:-

Q-1 What do you mean by ~~the~~ desktop?

Q-2 What do you mean by start menu?

Q-3 What do you mean by window?

Presentation - P.T will use lecture cum demonstration method and also do practical to teach the lesson. It use power point presentation to display in front of the students.

| <u>Subject Matters</u>                                                                                                                                                                                                                           | <u>P.T. activity</u>                                                                                                            | <u>Testing aids</u> | <u>B.B work</u>                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|---------------------|------------------------------------------------------------------------------|
| Windows accessories- window operating system is not just an operating system is not just an operating system in itself. It contains various other programmes and utilities that many help the users in his day to day computing these programmes | P.T will explain the meaning of windows accessories which are already in computer and explain its working of various components |                     | <u>Windows</u><br><u>Accessories</u><br>It contains various other programmes |

② Calculation - ?  
Windows provides  
an application  
known as  
Calculation.  
which you can  
use for simple  
as well as  
scientific

P.T will ask  
the students  
which device  
is the mostly  
used for doing  
calculation?

③ Games - ?  
Windows provides  
some games  
you can play  
with to relax  
yourself

In your  
free time  
what do  
you like to  
play?

Recapitulation:-

- ① What is ~~the~~ calculator?
- ② What do you mean by games?
- ③ What is Paint?

Home work:- Write the various features of windows accessories on the windows on notebooks.

Date - /  
Subject - Computer Science  
Topic - CPU.

Units - 10

General Aids :-

A well equipped classroom, blackboard, chalk, duster, pointer etc.

Specific Aids :-

P.T will use specific aid for effective teaching & recapitulation chart of CPU.

General Aims :-

P.T will teach computer to students to achieve following :-

- ① To enable the students to express them effectively
- ② To develop scientific attitude in the students.
- ③ To develop Practical Skills of the students.

Specific aims :-

After the lesson student will be able to understand the knowledge of C.P.U.

P. K testing :-

- Q-1 What is the use of keyboard?
- Q-2 What is the use of mouse?
- Q-3 What do you ~~mean~~ know about C.P.U?

Announcement of the topic:- After the getting the pupils response, <sup>66</sup>P.T will announcement the topic by saying, <sup>66</sup> "well students to day, we will study about windows accessories." How to open windows of the computers and how to start menu.

Presentation:- P.T will use lecture - cum demonstration method to present the lesson. It use an effective method to explain the lesson.

## Subject Matter

C.P.U is a control processing unit. It is the heart of the computers. All the calculations and controlling process of data is done of CPU.

CPU has different parts as following - ① Input units ② Output units

③ Memory units

④ A.L.U

⑤ C.U

Q-1 ALU is the arithmetic logical unit. It is important part of C.P.U.

## P.T's activity

P.T will explain the meaning of C.P.U

## Teaching aids

## B-B work

CPU is a control processing unit - it is a heart of the computers.

ALU Full Form  
Arithmetic  
Logical unit.

Recapitulation - 1 Q-1 Define the C.P.U?

Q-1 What are the different components of C.P.U?

Q-1 What are the functions of ALU and C.U

Home work 1 Paste the pictures of C.P.U and make a diagram of the components and name it.

Date: \_\_\_\_\_  
Subject: Computer Science  
Topic: Mouse

Units: 1/1/1

General Aids

A well equipped classroom, chalk, board, chalk, pointer and duster.

Specific Aids

P.T will use the following specific aid for effective teaching: flash card for oral explanation; chart for recapitulation.

General Aims

P.T will teach computer, to students to achieve following general aims:

- 1) To enable the students to express them effectively.
- 2) To develop scientific attitude in the students.

Specific Aims

After the lessons, students will be able to understand the knowledge of mouse.

P.K Testing %

Q-1 What is computer?

Q-2 What do you mean by Input devices?

Q-1 Name some Input devices?

Q-2 Which devices is used for graphical environment?

Announcement-1  
of the topic

After getting Satisfactory or unsatisfactory response of the students; P.T will announcement the topic by saying, "well students today, we will study about Input device - 'Mouse'".

Presentation-1

P.T will use the lecture - cum - demonstration method to present the lesson with the achieve of the Participant Students.

## Subject Matter

Mouse → Mouse is the most commonly used Input device in graphical environment.

It graphical the  
It is a device that lets you select and move items on your screen.  
It controls

the movement of the cursor.  
A mouse is a small object you can roll along a flat usually

## P.T activity

P.T will explain the meaning of mouse and function briefly and side by side both ask questions -

Q - 1 What is Pointer?

Q - 1 What is cursor?

## Teaching aid

## B.B works

### Mouse

Mouse is  
a most  
commonly  
used Input  
device.

Recapitulation - 1 Q-1 What is the function of  
Single click?

Q-2 What is the function of Double  
click?

Q-3 What is function of Right  
click?

Homework - 1

Paste the Pictures of normal  
mouse and optical mouse  
on your Notebook.

Date -

Subject - Computer Science

Units - 12

Topic - In Educational Recapitulation

General Aids -

A well equipped classroom, blackboard, chalks, duster and pointer etc.

Specific Aids -

P.T. will use following specific aid for effective teaching.  
Chart of recapitulation.

General Aims -

P.T. will teach computer to achieve the following general aims.

- ① To enable the students to know more about computer.
- ② To assist pupils in developing their practical skills.
- ③ To impart the concept of knowledge of computer to the students.

Specific Aims-

After the lesson students will be able to understand the knowledge of application of computer in education and medical.

P.K Testing

Q-1 What is computer?

Q-2 What are use various parts of computers?

Q-3 Why we used the computer?

Q-4 What is the name of field, where we used computer mostly?

Announcement of the topic-

After getting response of the students, P.T will announcement the topic by saying, today students, we will study about the applications of computer in education and medical.

Presentation

P.T will use the lecture - cum - demonstration method. Present the lesson with active participations of students.

Subject  
Matter

P.T activity

Teaching aid

B.B. works

In education  
students and  
teachers used  
the computer  
for getting  
vast knowledge  
with the help  
of the Internet.  
Teacher used  
to maintain  
records of  
books in  
library.  
computer keeps  
record of  
• Total no. of  
the books in  
library?  
• title of books

P.T will explain  
uses of computer  
in the fields  
of education.

P.T will tell  
about the  
applications  
in the  
library.

In education

Teachers used  
the computer  
for getting  
vast knowledge  
with the  
help of  
Internet.

## Recapitulation-1

Q-1 What is the use of computer in library?

Q-1 What do you mean by EGC?

Q-1 What how we use computer in the educations?

## Homework-1

Learn all the applications of computers and write one ~~specific~~ examples of each.

Date:-

Subject:- Computer Science

Topic:- Storage devices

Units:- 13

General Aids:- A well equipped classroom, black board, chalks, cluster and pointer.

Specific Aids:- P.T will use following specific aid for effective teaching chart for recapitulation.

Specific aims:- After this lesson, students will be able to acquire knowledge about memory.

General Aims:- P.T will teach to students to achieve following general aims:-

- ① To enable the students to make practical use of study of computer in their day to day life.
- ② To create interest among students in computers.
- ③ To develop intellectual of the students.
- ④ To enable the students to prepare them for future occupation.

P.K testing :-  
Q:- which organ of your body help you learn?  
Q:- which is the brain of the computer?  
Q:- what is needed by computer to store the data?

Announcement :-  
of the topic After getting satisfactory or unsatisfactory response, P.T will announce the topic by saying, "well students, today we will discuss the topic memory."

Presentation :- P.T will use lecture cum- demonstration method with questions - answers techniques.

## Subject matter

### Defination:-

memory is the storage media required in a computer to store programs and data passed by the programs. It is basically the primary memory.

### Types of memory:-

- ① Cache memory
- ② Virtual memory
- ③ Primary memory
- ④ Secondary memory

## P.T activity

P.T will explain the concept of memory to the students.

P.T will ask how many types of memory.

## Teaching aid

## B-B work

Memory is the storage media required in a computer to store program.

Recapitulation :-

- Q:- what do you understand by memory?
- Q:- what is the full forms of RAM, ROM?
- Q:- Types of memory?

Homework :-

- Q:- what is Primary memory? How many types of ROM?
- Q:- what is ROM?

Date:-

Subject:- Computer Science

Topic:- Notepad

Units:- 14

General Aids:- A well equipped classroom, chalk board, duster, pointer etc.

Specific aids:- Chart of recapitulation

General Aims :- ① To enable the students to know more about computer.

② To develop the interest in the student.

③ To assist pupil in develop their practical skills

Specific aims:- After the lesson student will be able to understand the knowledge of notepad.

P.K testing:- P.T will assumed that the students have some knowledge about method.

Q:- How many software are used in computer?

Q:- Give name some of the S/W?

Q:- Which software has less part of option to use?

Q:- What do you mean by method?

Announcement :-  
of the topic

After getting the response, P.T will announce,  
well students, today we will study about  
note pad.

Presentation of :-  
of the topic

~~After~~ P.T will use lecture - cum - demon-  
stration method to present the lesson.

## Subject matter

Introduction:- This application is used to develop web pages with the help of

Windows Explorer.  
Notepad:- Notepad is the text editor by which we can make the simple document. It uses the HTML language for the development of the web pages.

## P.T's activity

P.T will explain Notepad with active participation of the students.

P.T will tell the uses of Notepad.

## Teaching aid

### Note pad:-

Note pad is a text editor in which we make the simple documents.

## B.B work

The application is used to develop web pages with the help of Windows Express.

## Recapitulation :-

- Q:- What do you mean by notepad?
- Q:- Name the menus?
- Q:- Which language is used for developing web page?

## Homework :-

Draw the window of notepad? :

Date:-

Subject:- Computer Science

Topic:- what is computer?

Units:- 15

General Aids:- A classroom well equipped, chalks, duster, pointer and etc

Specific Aids:- Chart for recapitulation.

General Aims:-

- ① To make the students to develop the interest on the subject.

- ② To enable the students to know more about the uses of computer.

- ③ To develop intellectual ability of the students.

Specific Aims:- Students will be able to know more about the operations of computer.

P.R assumed:- P.T assumed that students have some knowledge about the uses of computer.

P.R Testing:-

- Q-1 What do you mean by computer?
- Q-2 What are the main components of the computer.

Q: Where the data is stored?

Q: What are the difference operations performed by computer?

Announcement  
of the topic.

After getting response of the student P.T will announce the topic by saying will students, today we will discuss about the operations of computers.

P.K testing P.K will ask previous knowledge Questions from the student.

Presentation P.T will use lecture as well as work with questioning answering technique.

## Subject matter

Computer - Computer is an electronic device. It accept & Input/Output program process it produce result. It receive data & Instructions also called Input process the Input or produces result is called output.

Input/Processing  
output control

Output - Output is the result processed by the computer after processing

## P.T activity

P.T Explain the output & Input of the computer

P.T will ask the student what is keyboard?

P.T will explain the output of computer?

## Teaching aid

## B.B work

Computer is an electronic device. It accept Input process

Recapitulation - 1 Q-1 What is computer operations?  
Q-2 What is Input?  
Q-3 What is Output?  
Q-4 What is control?

Homework - 1 Paste the picture of operations of computer on the notebooks.

Date - ?  
Subject - Computer Science  
Topic - Internet

Units - 1/6

General Aids - 1 A well equipped classrooms, with chalkboard, duster and pointer.

Specific Aids - 1 Model of a notebooks.

General Aims - 1 G-1 To develop knowledge of the students.  
G-2 To create Interest among student in computer.  
G-3 To develop of Practical as well as Intellectual ability of a computer.

Specific aims - 1 Students will be able to know more about computer Internet and various networks about the bat & signs.

P.K assumed - 1 P.T. assumed that student have been know about the data & input of computer.

P.K. Testing → Q-1 What is computer?  
Q-2 What is Input?  
Q-3 In memory? What is stored?

Announcement  
of the topic → After getting responses, P.T will announce to be topic by saying will students today we will discuss detail about data?

Presentation → P.T will use lecture - cum - demonstration method & question techniques with other students to achieve participation of the

Subject matter

Data hierarchy-1

Data hierarchy contain data.

Data before to raw facts, of figures & consists alphabets, number, sounds, pictures and etc. Sound, pictures. data stored in the form of bytes in computer.

Database-1 database is a collection of all files. The files of standards hierarchy make the structured database

P.T activity

P.T Explain the concept of Data hierarchy the details.

P.T will explain files and folders side by side

Teaching aid

B.B work

Internet is a name given to the located network of the ~~inter~~ connect computer. it is wider concept of network.

## Recapitulation-1      Fill in the blanks-1

- ① Q-1 Data is a collective.
- ② Q-1 Bit is short form.
- ③ Q-1 A byte is the collection of the data.
- ④ Q-1 Bit pattern are \_\_\_\_\_ of EBCDIC.
- ⑤ Q-1 A record is a collection of \_\_\_\_\_ fields.

Home Assignment-1 learn the data hierarchy  
& draw the table of data hierarchy.

Date - / /  
Subject - Computer Science  
Topic - Window accessories

Units - 17

General aids - A well equipped classroom, chalks, duster, pointer etc.

Specific aids - Chart for recapitulation.

General aims -

- ① To enable the students to gain knowledge of students.
- ② To create Interest among students in computer.
- ③ To develop practical skills to the students.

Specific aims - Students will able to know more about ask operating system

P.T assumed :- P.T assumed that students have knowledge of about system operating system.

P.K testing :-

- Q:- which operating system provides commercial?
- Q:- uses of inter face?
- Q:- full form of DOS?
- Q:- How many characteristics accept DOS?

Announcement?  
of the topic

After getting response from the students P.T will announce the topic by saying well students today we will discuss detail about the external command of DOS? P.T will use lecture.

Presentation:- P.T will use lecture cum demonstration method to discuss the lesson.

Subject Matter

Pupil teachers

Teaching aid

B.B. work

Window ~~sets~~  
accessories:-  
window operating  
system. It is not  
just an operating  
system in it self,  
It contains various  
other programs,  
and utilizes  
that many help  
the user on the  
uses on his day  
today computing  
these programs  
are known as  
accessories and  
they are cooked  
free of cost with  
the operating  
systems.

Topic

Window

Accessories

Games:- Window

provides some games  
you can play  
with refresh.

Recapitulation:- Q:- what do you mean by window accessories?  
Q:- what is calculator?  
Q:- what do you mean by Games?

Homework:- Write the various factor of window accessories on n.b.

Date:-

Subject:- Computer Science

Topic:- Interface

Units:- 18

General Aids:- A well equipped classroom, chalks, duster, pointer and etc.

Specific Aids:- Chart for recapitulation.

General Aims:- ① To enable the students to gain the knowledge of the students.

② To create the students to gain knowledge of students.

③ To create interest among the students in the computer.

④ To develop practical skills to the students.

Specific Aims:- Students will able to know more about ask operating systems.

P.T assumed:- P.T assumed that students have knowledge of about operating systems.

P.K. testing:- i:- which operating system to provide  
a commercial uses of Interface?  
ii:- Full form of DOS?  
iii:- How many characteristics accept DOS?

Announcement of  
the topic

After getting response from the students  
P.T will announce the topic by saying  
well students today we will discuss details  
about the internal command of DOS

Presentation

P.T will use lecture cum- demonstration  
method to discuss the lesson.

## Subject matter

DOS:- DOS is command line use interface that control all the programs of computer. It is an interface has two types.

- ① Internal command
- ② External command:-  
To execute command on the external files is required.

## P.T activity

P.T will be explain the concept of the operating systems.

## Teaching Aid

## B.B work

Interface has two types:-

- ① Internal command.
- ② External command.

Recapitulation:-

- 1:- Syntax of disk copy
- 2:- Move command allows users to move a file to
- 3:- Tree command display of the directions of the files.

Homework:- Clean all the external command & write the syntax with the examples all the commands.

Date:-

Subject:- Computer Science

Topic:- Data hierarchy / files / Bytes

Units:- A

General Aids:- A well equipped class with chalk, board, duster and pointer.

Specific Aids:- chart for recapitulation related to the topic.

General Aims:-

- i.) To enable the students to take interest in computer.
- 2.) To develop the practical skills of the students.
- 3.) To develop logical, imagination and reasoning power of the students.
- 4.) To enable the students to know more about the computer.

Specific Aim:- After the topic students will be able to know more about the bit & bytes.

P.K assumed:- P.T assumed that students have been know about the data & input of the computer.

P.K testing:-  
Q:- what is computer?  
Q:- what is input?  
Q:- In memory what is stored?

Announcement  
of the topic

After getting responses, P.T will be announce to be topic by saying well students today we will discuss the detail about data.

Presentation:-

P.T will use lecture cum demonstration method & question techniques with other achieve participation of the students.

## Subject matter

### Data hierarchy:-

Data hierarchy contain data. data refers to raw facts of figures, consists, alphabets, no., sounds, picture and etc. Data stored in the form of bytes in computers.

files:- files is a collection of record. ex:- A collection of the record of the students in your class.

## P.T activity

P.T will be explain the concepts of data hierarchy the details.

P.T will be explain files and folders and state by side

## Teaching Aids

DOS:- DOS is command line use interface than a casual all programmes

## B.B work

Files is a collection of the record.

Ex:- A collection of a record of student in your class.

Recapitulation:- Fill in the blanks:-

- ① Data is collection.
- ② Bit is short form.
- ③ A Byte is the collection of \_\_\_\_\_
- ④ Bit pattern are \_\_\_\_\_ & EBCDIC.
- ⑤ A record is a collection of \_\_\_\_\_ fields.

Home assignment:- Learn the data hierarchy & draw the table of data hierarchy.

Date:-

Subject:- Computer Science

Topic:- Generations of Science

Units:- 20

General Aids:- A well equipped class with chalk, board, duster and pointer.

Specific Aids:- Flash cards.

- General Aims:-
- 1.) To develop interest and knowledge of the students
  - 2.) Enable the students to make the use of computer in their daily lives.
  - 3.) To assist pupils in developing their practical skill in computer
  - 4.) To develop the interest of students in computer science.
  - 5.) To develop the intellectual abilities of students.

Expected Behavioural Outcomes

Knowledge:- The students will be able to knowledge about computers.

Understanding:- The students will be able to understand the parts of computer.

Skills:- The students will be able to develop their practical and theoretical skills.

Applications:- The students will be able to apply the knowledge of computer.

Previous knowledge :- The students have basic knowledge of assumed computer generation.

Previous knowledge :- Q1:- what is the first generation of testing computer?

Ans:- The first generation of computers used vacuum tubes as basic components for memory.

Q2:- What is the features of first generation of computers?

Ans:- The size is large.

Q3:- What is the second generation of computer?

Ans:- In this generation computer is used as transistor.

Announcement of:- Students <sup>we</sup> will discuss third generation of the topic computer.

## Subject Matter

Third generation :-  
computers (1964 to 1975) The time period of the third generation was (1964-1975). The third generation of computer used integrated circuit place of transistor. Single IC has many transistors resistors and capacitors along with the associated circuitry. This development made computers smaller in size and efficient. In this generation real time was used.

## P.T activity

P.T will explain the third generation in detail

## Pupil Activity

Pupil will listen carefully.

Features :-

- \* Much smaller and lighter
- \* Faster processing
- \* Less heat produced

P.T will explain the features in details.

Pupil will listen carefully.

Fourth generation :-  
computers

1975 to 1989

The period of fourth generation 1975-1989 the fourth generation of computer used very large scale of integrated circuit circuits they became very powerful and reliable

P.T will explain the fourth generation and its features in details.

Pupil will listen carefully and observe.

Features :-

- \* Semi-conductors

- \* Main memories
- \* Larger capacity
- \* Hard disk
- \* Small & reliable

Fifth generation:-  
confatures

1989-onward

The period of fifth generation 1989 till date. In the fifth generation the VLSI technology became ULSI technology. The ULSI micro processor chips have 10 million electronic components.

Features:- \* Uses AI technology

\* Use in Robots & smart machines

\* Can learn from data

\* Extremely fast and advance.

P.T will explain the fifth generation computer and its features

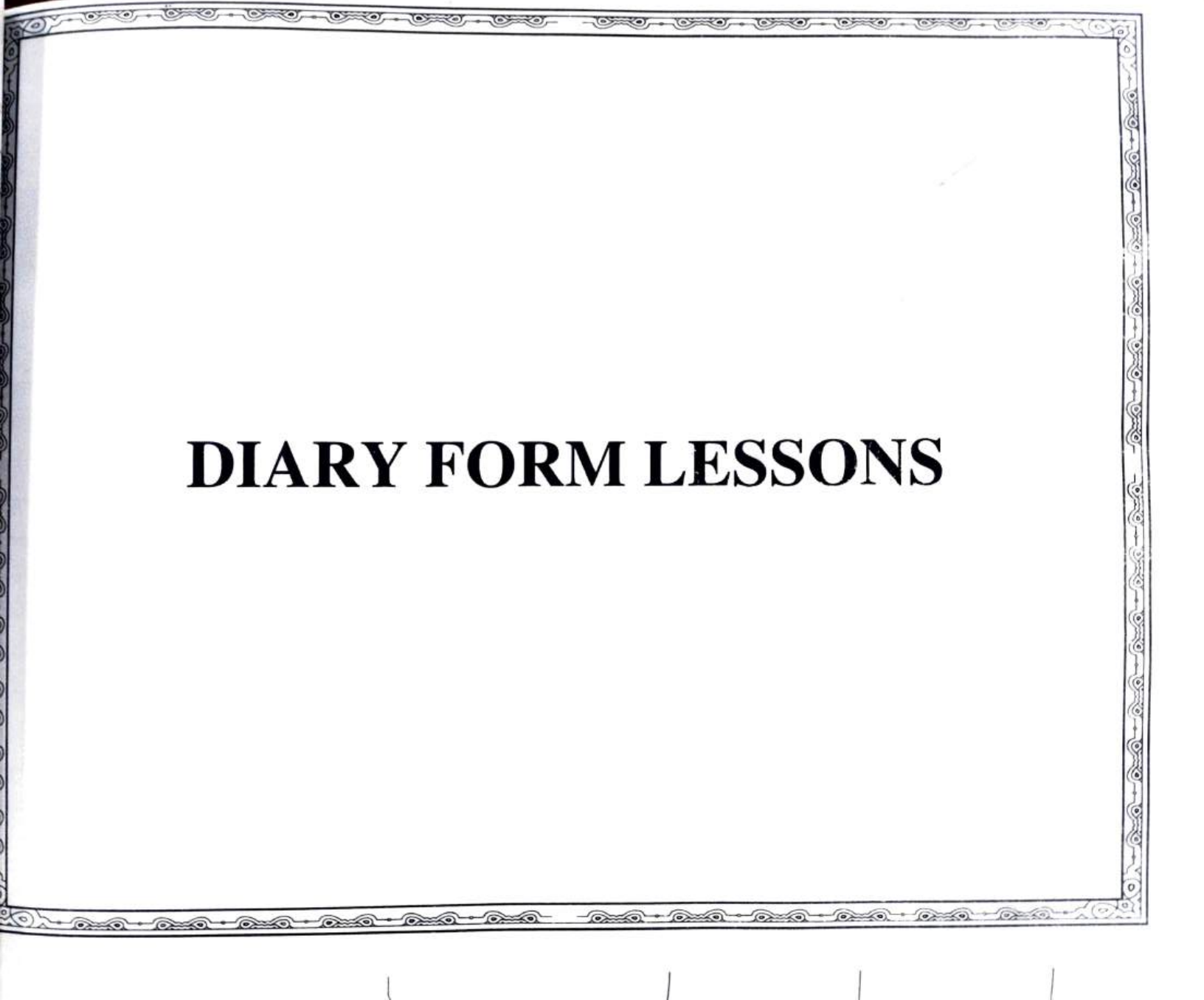
Pupil will listen carefully.

## Real Learning Outcomes :-

- Q1:- what is fourth generation of computer?
- Q2:- Explain the features of the fourth generation of computer?
- Q3:- what is fifth generation of computer?

## Home assignment :-

- Q:- Explain the difference between fourth and fifth generations of computer.

A decorative border with a repeating scroll-like pattern surrounds the entire page.

# **DIARY FORM LESSONS**

Diary Based  
Lesson Plan

Subject - Computer Science

Topic - Formatting & Document

Subject

Period - 24

Time -

| Teaching Point                                       | Specific Objectives                                      | Method used                  | Learning method | Evaluation                         |
|------------------------------------------------------|----------------------------------------------------------|------------------------------|-----------------|------------------------------------|
| Changing the font type.                              | Pupil will be able to change font type...                | lecture<br>can demonstration | ICT             | How will you change the font type? |
| Applying the <del>bold</del> bold, italic underline. | Pupil will be able to apply various fonts                | lecture can<br>Demonstration | ICT             | How will you apply bold features?  |
| Changing the alignment.                              | Pupil will be able to change the alignment of Paragraph. | lecture can<br>Demonstration | ICT             | How will you change the alignment? |

| Teaching Point           | Specific Objectives                                     | Method used                               | Learning material | Evaluation                  |
|--------------------------|---------------------------------------------------------|-------------------------------------------|-------------------|-----------------------------|
| Change color of the text | Pupil will be able to change the color of each text.    | lecture can <del>also</del> demonstration | ICT               | How will change of the text |
| Creating Bullet          | Pupil will be able to create the diff. type of bullets. | lecture can Demonstration                 | ICT               | Apply bullet on these lines |

Homework :-

Create Paragraph having center, align  
apply Italics, bold, underline features's &  
also change color of the text.

Subject - Computer Science

Unit 1/2

Topic - What is Computer

Teaching Point

Specific Objectives

Method used

Learning material

Evaluation

What is Computer?

A computer is an electronic device that takes input, accepts data & gives output.

Lecture  
can demonstration

ICT

What is Computer?

What are the characteristics of computer?

- 1) It never gets tired
- 2) Fast Speed
- 3) Accuracy
- 4) A computer has no Intelligence.

Lecture  
can demonstration

ICT

What are the characteristics of computer?

| Teaching                                 | Specific                                                                     | Method                    | Learning | Evaluation                                    |
|------------------------------------------|------------------------------------------------------------------------------|---------------------------|----------|-----------------------------------------------|
| What are major components of a computer? | Input, output and CPU.                                                       | Lecture and demonstration | ICT      | What are major components of computer system? |
| What are Input devices                   | Input, Output devices are used to enter data & instructions to the computer. | Lecture and demonstration | ICT      | What are Input devices?                       |

Home work 1

All Questions/Answers write on your fair  
Notebooks.

Date: \_\_\_\_\_  
 Subject: Computer Science  
 Topic: Computer Networking

Class: \_\_\_\_\_  
 Period: \_\_\_\_\_  
 Time: \_\_\_\_\_

Units: 2 - 3

| Teaching Point          | Specific Objectives                                       | Method used                  | Learning material | Evaluation                            |
|-------------------------|-----------------------------------------------------------|------------------------------|-------------------|---------------------------------------|
| A Computer's Networks   | Pupil will be able to know about Computer Network         | lecture<br>Can demonstration | ICT               | What do you mean by Computer Network. |
| Classification of Nodes | Pupils will be able to know about Classification of nodes | lecture<br>Can demonstration | ICT               | Explain the classification of Nodes.  |

| Teaching Point               | Specific Objectives                                     | Method used                  | Learning Method | Evaluation                            |
|------------------------------|---------------------------------------------------------|------------------------------|-----------------|---------------------------------------|
| Classification of Networking | Pupil will be able to know about classification of W/W. | Lecture<br>Can demonstration | ICT             | Explain the classification of Network |
| Types of Computer Network    | Pupil will be able to know about types of N/W           | Lecture<br>Can demonstration | ICT             | Explain the types of Network.         |

Homework

-2

\*All Questions/Answers Related to  
N/W write down on your  
fair Notebooks.

Date - / /  
Subject - Computer Science  
Topic - Input / Output devices

Class -  
Period -  
Time -

Unit - 4

| Teaching Point | Specific Objectives                           | Method Used                          | Learning material | Evaluation              |
|----------------|-----------------------------------------------|--------------------------------------|-------------------|-------------------------|
| Input Devices  | Pupil will able to know about devices.        | lecture<br>Can demonstration         | ICT               | What is Input devices?  |
|                | Pupils will able to know about output devices | <del>lecture</del> Can demonstration | ICT               | What is Output devices? |

| Teaching Point        | Specific Objectives                              | Method used               | Learning material | Evaluations                           |
|-----------------------|--------------------------------------------------|---------------------------|-------------------|---------------------------------------|
| Name of Input devices | Pupil will be able to know about Input devices.  | Lecture can demonstration | ICT               | What are the names of Input devices.  |
|                       | Pupil will be able to know about Output devices. | Lecture can demonstration | ICT               | What are the names of Output devices? |

| Teaching Point | Specific Objectives                                     | Method used               | Learning material | Evaluation                      |
|----------------|---------------------------------------------------------|---------------------------|-------------------|---------------------------------|
| Ribbon         | Pupil will be able to know about Ribbon                 | lecture can demonstration | ICT               | What is Ribbon?                 |
| Insert         | Pupil will be able to know about <del>Insert</del> Tab. | lecture can demonstration | ICT               | What do you mean by Insert Tab? |
| Home Tab       | Pupil will be able to know about Home Tab               | lecture can demonstration | ICT               | What do you mean by Home Tab?   |

Home Work - 1

All Questions/ Answers Related To  
MS work write down on  
their Notebooks?

Date -  
Subject - Computer Science  
Topic - Virus/ Software.

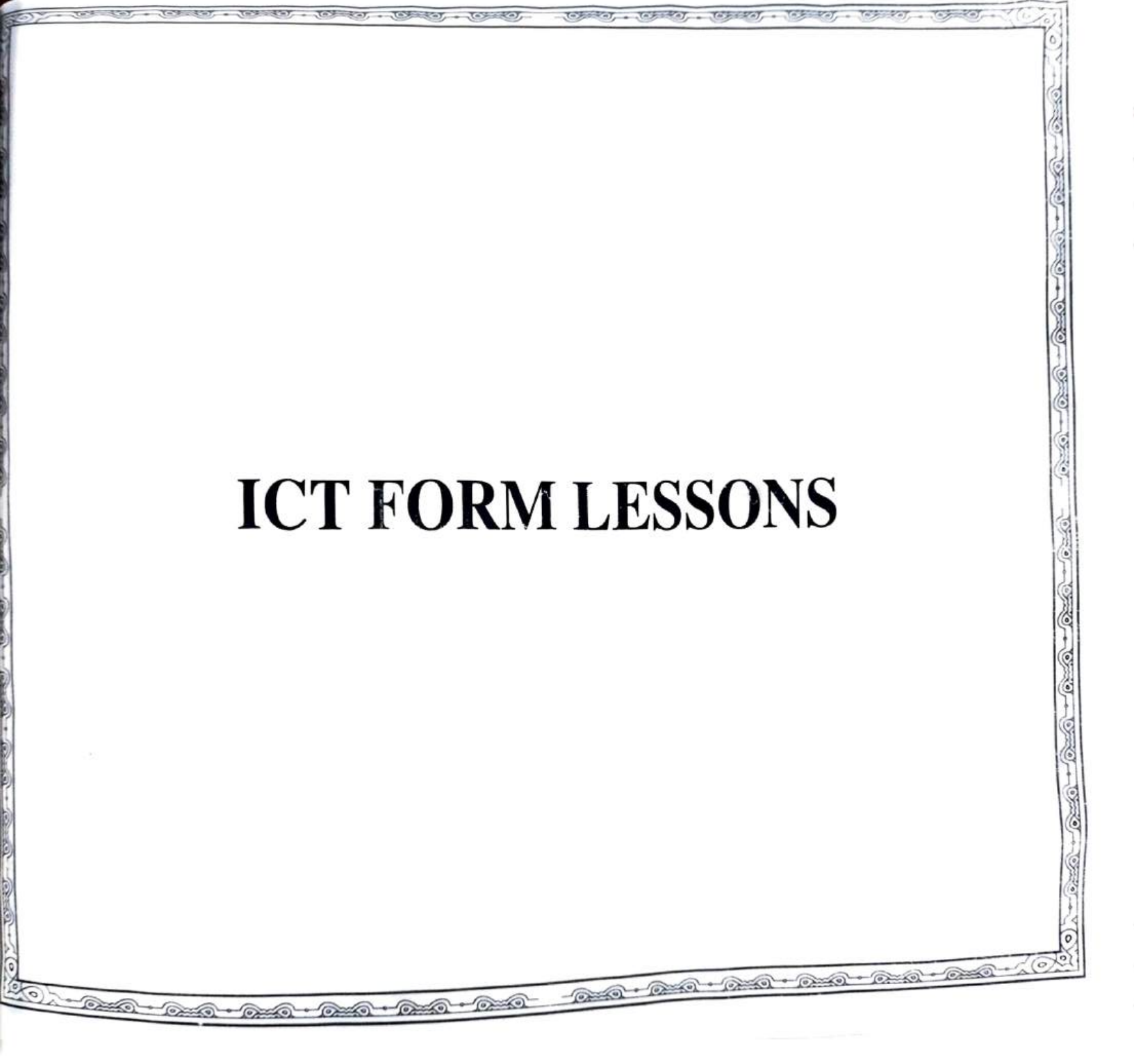
Class -  
Period -  
Time -

Units - 15

| Teaching Point               | Specific Objectives                            | Method used                     | Learning material | Evaluation                       |
|------------------------------|------------------------------------------------|---------------------------------|-------------------|----------------------------------|
| Introduction of N/W Security | Pupil will be able to know Network Security.   | lecture<br>can<br>Demonstration | ICT               | What do you mean by N/W Security |
| Major threats                | Pupil will be able to know about major threats | lecture<br>can<br>demonstration | ICT               | What are major threats?          |

| Teaching Point     | Specific Objective                          | Method used                  | Learning material | Evaluation                     |
|--------------------|---------------------------------------------|------------------------------|-------------------|--------------------------------|
| Antivirus Software | Pupil know Antivirus Software.              | lecture<br>can demonstration | ICT               | What is Antivirus Software?    |
|                    | Pupil will be able to know about fire wall. | lecture<br>can demonstration | ICT               | What do you mean by fire wall? |

Homework : Question related to Network Security  
write down on your Notebook.

A decorative border with a repeating pattern of small, stylized floral or scroll motifs, framing the entire page.

# ICT FORM LESSONS

ICT

Based

Lesson

Plan

Period:-

Date:-

Subject:- Computer Science

Topic:- and about HTML and its syntax

Units:-1

General Aid

chalk, blackboard, Duster, Classrooms.

Specific Aid

chart related to the topic

General Aim

- To develop logical thinking
- To develop Positive thinking
- To develop Interest in subjects.

Expected  
Behaviours  
Assumed

After the completion of lesson, students will be able to :-

- 1.) What is full form of WWW?
- 2.) What do you mean by HTML?

Entry Behaviour  
Assumed

It is assumed that students are aware of the concepts of HTML.

Entry Behaviour  
Testing:-

1.) Have you ever seen your school  
write?

- 2.) What is initial letter of any website?
- 3.) What is the process of make any website?

Announcement  
of the  
topic

P.T will announce the topic of the  
help of example and will  
say " well students we will  
discuss about the topic of  
HTML in the detail.

Subject  
Matter

P.T  
activity

Pupil  
response

B.B  
work

Introductions:-

HTML is a computer language intended to allow website creation. The websites can then be viewed by anyone who is connected to the Internet. HTML is used.

P.T will  
be Explain  
about  
the  
introduction  
of  
HTML.

Students will  
listen carefully  
and under  
stand it  
and write  
down on  
their notebook.

to build  
the websites  
applications.

How does it  
works?

HTML consists of a  
series of short  
codes types into  
a text-file  
called as tags.  
The text is  
then saved as  
html files  
and viewed  
through a  
browser like  
Internet explorer.

It will be  
explain about the  
& How does  
HTML  
works.

Students will listen  
carefully and  
understand it and  
write down on their  
n/B.

## essential HTML Tags :-

```
<html> <html>  
<head> <head>  
<title> <title>  
  <body>  
  </body>
```

Pupil teacher  
explain about  
the essential  
HTML  
tags.

Students will able  
to listen carefully  
and understand it  
and write down  
on their N/B.

## Recapitulation:-

# creates a HTML page that contains your name, class, father's name, mother's name etc. Save the HTML file to Desktop and test the result.

## Home work:-

### Fill in the Blanks:-

- 1.) Extensions of HTML file is \_\_\_\_\_.
- 2.) Pre-defined command in HTML is known as \_\_\_\_\_.
- 3.) HTML is a \_\_\_\_\_.

Date:-  
Subject:- Computer Science

Class:- 5  
Period:- 9

Units:- 2

Topic:- Computer networking Time:- 30-35 mins

General Aid

Chalks, black board, Duster, classroom.

Specific Aid

Chart related to the topic.

General Aim

- 1.) To develop logical thinking.
- 2.) To develop positive thinking.
- 3.) To develop interest in subject.

Expected  
Behaviours  
assumed

After the completion of lesson, students will be able to:-

- 1.) what is computer network?
- 2.) what is communication?
- 3.) what is computer communication?

Entry  
Behaviour

It is assumed that students are aware of the concepts of the Network Hardware.

Entry  
Behaviour

- 1.) which device are used to connect computer on network.

Testing

2.) What is Network Hardware?

Announcement  
of the  
topic :-

P.T will announce the topic of the  
help of examples and will say, "  
"well students" today we will  
discuss about the topic of network  
hardware in detail.

Date:-  
Subject:- Computer  
Science

Class:- IV  
Topic:- what is computer?

Unit:- 3  
Period:- 4  
Time - 30-35 mins

Subject  
Matter

P.T's  
activity

Pupils  
response

B.B  
work

Introduction  
of Network  
hardware:-

Network hard-  
ware consists  
of Physical  
devices used  
on a network  
all n/w  
need network  
hardware  
of functions.

P.T will be  
Explain about  
the Introduction  
of Network  
hardware

Students  
will be  
listen carefully  
and under-  
stand it and  
write down  
on their  
N.B

## Computer:-

The most Important job of a network is to link computers together, when computers are linked, the people using the computers can work more efficiently, connected to a network don't link to be the same.

P.T will be Explain the computer in the details.

Students will be listen carefully and write down on their N.B.

## Connectors:-

A connector is a device that join two networks together. The most common connectors are in hub and switch.

P.T will be Explain about the topic of connectors in details.

Students will be listen carefully and understand it down on their n/B.

# Recapitulation :- True / False

Title bar is Present on lower side of word screen.

Text is added as insertion point.

Homework :- Fill in the blanks :-

- 1) \_\_\_\_\_ is used to create a document.
- 2) MS - word is an Important Person.
- 3) Tool bar are of \_\_\_\_\_.
- 4) \_\_\_\_\_ is a blinking cursor.

Topic:- What is Logo Subject:- Computer Science Units:- 4

Date:-

General Aid

Chalk, Black board, Duster, classroom

Specific Aid

Chart related to the topic

General Aim

- To develop logical thinking
- To develop Positive thinking
- To develop interest in the specific subject.

Expected Behaviour assumed:-

After the completion of lesson, students will be able to:-

- 1.) Give the full form of LOGO?
- 2.) Name parts of LOGO screen.

Entry Behaviours Testing:-

- 1.) Give functions of listener window?
- 2.) Give method of opening LOGO?

Announcement of the topic:-

P.T will announcement the, today we will discuss the LOGO.

| Subject<br>Matter                                                                                                                                                                                                              | P.T Activity                                                                       | Pupil<br>response                                                                                                 | B.B<br>work |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-------------|
| <p>Introductions-<br/>LOGO is a<br/>very simple<br/>logic based<br/>and graphic<br/>based Program<br/>ming language<br/>It is very<br/>popular among<br/>children. It<br/>full form is<br/>logic oriented<br/>i.e.:- LOGO.</p> | <p>P.T will be<br/>Explain<br/>about<br/>the<br/>Introduction<br/>of<br/>LOGO.</p> | <p>Students<br/>will<br/>listen<br/>carefully<br/>and<br/>understand<br/>and write<br/>down on<br/>their N.B.</p> |             |

What is LOGO:-

LOGO  
stands for  
logic  
oriented  
graphic.  
It is  
visual  
and  
Provides  
immediate  
feedback as  
a computer;  
turtle walks  
around the  
screen.

P.T will  
be explain  
about the  
what is  
LOGO

Students  
will be  
listen  
carefully and  
will  
down on  
their N.B.

Recapitulation:- choose True & False:-

- 1.) Turtle is just like square.
- 2.) Main screen is called  graphic screen
- 3.) listener window is used to enter commands.

Homeworks:-      fill in the blanks

- 1.) Screen of LOGO is divided into \_\_\_\_\_  
Parts.
- 2.) cursor is called \_\_\_\_\_ in LOGO.
- 3.) Commands are written in \_\_\_\_\_  
window of LOGO

Subject:- Computer Date:-

Units:- 5

Science Topic:- what is internet?

General aids:- A well equipped classroom will chalk, board, duster and pointer.

Specific aids:- Model of a network.

General aims:-

- ① To develop knowledge of the students.
- ② To create Internet among students in computer.
- ③ To develop of practical as well as Intellectual ability of a computer.

Specific aims:- Students will be able to know more about computer Internet and various network.

P.K testing:-

- ① To check the previous knowledge of students  
IT will ask some questions.
- ② what are various way to communicate with each other?

③ what are the ways of sending messages

Announcement  
of the topic:-

P.T will explain and announce topic after taking response, well students we will discuss about the concepts of interest.

Presentation:- P.T will use demonstration method to ~~at~~ deliver the lesson plan.

Subject  
matter

P.T. activity

Teaching  
aid

B.B  
work

Internet:-

Internet is the name given to the global network of the inter-connected computer. It is a wider concept network on connecting million of computer.

A computer is a group of two or more computer system linked together.

P.T will explain the concept of Internet of detail.

There are three types

① LAN, MAN, WAN

② LAN:- It is a system that links together computer and forms a network within an office building, blocks or school, offices, banks and etc

MAN:- ~~not~~ Metro-polition are network larger than a ~~larger~~ local area network

③ WAN:- It is a wide area network. It is typically consist of two or more.

Q:- what are three types of network?

Q:- what is full form of LAN?

Q:- what is full form of MAN?

LAN:- The computer are further apart and are linked by telephone lines. This kind of networking is done in larger areas of network location.

Ex. Hospitals, Banks, Banking, Colleges etc. Industry are there have a LAN network together.

P.T will ask questions  
a. What is full form of WAN.

Recapitulation:-

- Q:- What is Network?
- Q:- Write type of Network?
- Q:- How is LAN different from MAN?

Date:-

Topic:- Recapitulation

Units:- 6

Subject:- Computer Science

General aids:- A well equipped classroom, chalk, black board, duster, pointer

Specific aids:- Chord for recapitulation.

General aims:- ① To enable the students to know more about the computer.

② To enable the students to develop interest on the computer.

③ To develop intellectual ability of the students.

Specific aims:- After this topics students will be able to know more about the components of the computer.

P.K Testing:-  
Q:- Define Point.  
Q:- Name the types of Scroll Bar?

- Q:- what do you mean by title bar?
- Q:- name the different components of point.

Announcement

of topic:- After getting response, P.T will announce the topic by saying, well students today we will discuss about the topic components of point.

Presentation:- P.T will present the lesson by using lecture demonstration method. with achieve participation of the students.

Date:-

Subject:- Computer science

Topic:- M.S. Paint

Units:- 7

Subject  
Matter

P.T.  
activity

Teaching  
aid

B.B  
work

Components of MS  
Paint is MS paint  
window how many  
parts as title bar,  
menu bar, work  
area, scroll bar,  
tool bar, color  
bar.

explain P.T will  
explain the concept  
of components of  
MS - paint window.

Title bar:- Title bar  
placed on  
top of window.  
contain three  
buttons i.e.  
close, minimize,  
maximize.  
Perform various  
performance

P.T will ask ques-  
tions how to  
save document?

Tool bar:- A tool bar  
appear on the  
left side of the  
screen point brush  
has 16 tool. In  
tool bar that help  
bar to draw a  
picture.

Work area:- work are  
is blank  
screen the user draw  
color, edit, pictures.  
In this area  
only.

P.T will  
ask the different  
area shapes  
you draw.

P.T will ask  
how many different  
part of colours  
are available

Recapitulation:- Fill in the blanks:-

1. Choose colors from \_\_\_\_\_ bar.
2. The number of tool is \_\_\_\_\_ on the tool bar.
3. To draw a \_\_\_\_\_ on point.
4. Help menu is use to take \_\_\_\_\_
5. In menu bar \_\_\_\_\_ menu.

Homework:-

- 1. What is color bar?
- 2. How many components on Paint window?
- 3. Name different icon of menu bar of Paint?

Date:-

Topic:- Database

Subject:- Computer Science

Units:- 8

General aids:- A well equipped classroom with chalk board, duster and pointer.

Specific aids:- Chart for recapitulation related to topic.

General aims:-

- ① To enable the students to take Interest in computer.
- ② To develop the Practical skills of the students.
- ③ To develop logical, imaginative and reasoning power of the students.
- ④ To enable the students to know more about the computer.

Specific aims:- After the topic students will be able to know more about the let & types.

P.K assumed:- P.K assumed that students have been known about the data & input of computer.

## Announcement of the topic :-

After getting responses, P.T will announced to be topic by saying students today we will discuss detail about data.

Presentations :- P.T will use lecture demonstration method & questions technique with other achieve participation of the students.

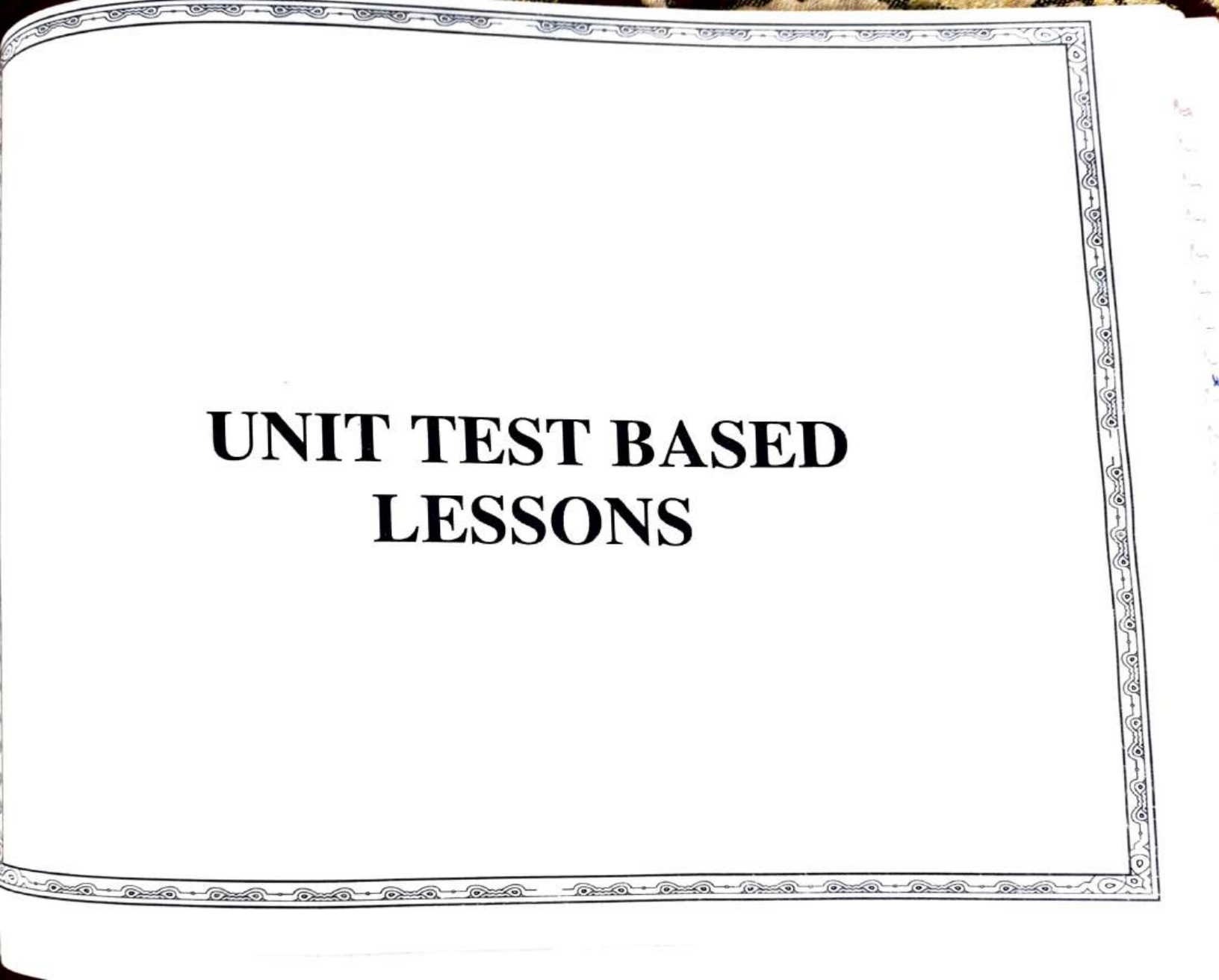
| <u>Subject matter</u>                                                                                                   | <u>P.T activity</u>                                     | <u>teaching aids</u> | <u>B.B work</u> |
|-------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|----------------------|-----------------|
| <u>data hierarchy</u> :- data hierarchy contains data. Data refers to raw facts of figures & consists alphabets, number | P.T explains the concept of data hierarchy & in detail. |                      |                 |

Sound, Pictures etc  
data stored in the  
form of byte  
in computer.

data base:- database is  
collection of all  
files. the ~~file~~ files of  
students - Teacher  
work in the school  
data base.

files:- files ~~area~~ is a  
collection of record.  
Ex:- A collection of the  
record of students in  
your class in  
class files

P.T will be able  
to explain and  
folders and  
side by side.

A decorative border with a repeating scroll pattern surrounds the text.

# **UNIT TEST BASED LESSONS**

Unit  
Based  
Lesson Unit  
2 2

Date -  
Subject - Computer Science  
Topic - Storage devices

Unit - 1

Objectives - To check the knowledge of students related to the topic.

To check the understandings of the students.

To check whether the students are able to compare and contrast of different topic.

To apply gained knowledge.

Topic for test - Storage device.

# [ Knowledge Domain ]

Types :- I

SHORT Answer Type

Write  
Write  
Write

full form of RAM?  
full form of ROM?  
full form of CD?

Type II

Fill ups :-

- 1) Size of commonly used 3.5 Floppy is \_\_\_\_\_
- 2) CD can store \_\_\_\_\_ MB DATA.
- 3) 1GB is equal to \_\_\_\_\_ MB.

4.) Primary memory can be divided into Parts.

[Understanding Domain]

Type-1 1.) Give types of Primary memory?

Ans-1 Primary memory is two Parts.

2.) Name four Storage device?

Ans-1 Peoples Says :- I. Floppy  
II Hard disk  
III DVD  
IV Pen Drive

Date - ?  
Subject - Computer Science  
Topic - Memory Units

Units - 1 & 2

- Objectives - :
- 1) To check the knowledge of students related to the topic.
  - 2) To ~~check~~ check the understanding of Students.
  - 3) To check whether the students are able to compare and contrast of different topic.

Topic for Test  
Memory Unit

[Knowledge Domain]

Types - I

## Short Answer type - I

- 1.) What is memory?
- 2.) Write the name of different types of memory?
- 3.) What is Primary memory?

## Type - II [Long Answer type]

1. Explain RAM and ROM?
2. Explain the External memory.
3. Explain the characteristics of secondary memory.

# [Understanding Domain]

Type - I

Short Type

1. Write the full form of GB?
2. Write the full form of SRAM?
3. Write the Name of various type of ROM?

Type - II

[Long Answer types]

What are tracks and sectors?

What is Coache memory? Write adv/Disadvantage?

Objectives - ?

- To check the understanding of Students related to concepts.

- To check knowledge of Students related to concept.

- To check wheather students gained related topic is knowledge and has way to apply.

- To apply the gained knowledge.

Topic for Hst - ?

Internet Fundamentals.

# [Knowledge Domain]

Type-I

SHORT Answer type

→ What is internet?

→ Give some examples of Internet Service providers?

Type-II

Fill ups

1.) \_\_\_\_\_ is the fastest way of sending mails.

2.) International Networks of Computers is known as \_\_\_\_\_.

# Understanding Domain

Type - I

## SHORT TYPE

On what do you mean by the term.  
E-commerce?

On what is web - Browsing?

Type - II

Long type - ?

What is Molim. and also Explain  
its types and speed?

A decorative border with a repeating geometric pattern of small circles and lines, framing the entire page.

# **DISCUSSION LESSONS**

Discussion  
Lesson

Subject - Computer Science  
Topic - Output devices

Instructional material

General material - Chalk, duster, Blackboard, Pointer etc.

Specific material - A chart related to the output devices.

Instructional objectives -

- ① The students will be able to know about different output devices.
- ② The students will be able to recognize all the output devices.
- ② Understanding - The students will be able to classify.
- ③ Knowledge - ① The students will be able to know about the internet.

Q2 The Students will be able to recognize different Program down loaded on Internet.

Application - 1 ① The Students will be able to engine for individual searches different output devices.  
② The students will be able to discrimination among different Printer.

Skills - 1 The Students will be able to use the different Printer.

Application - 1 The Students will be able to use these output devices in their daily life.

Previous knowledge Testing - 1

Pupils teacher activities

① What is Computer

Pupil Activities

A computer is an electronic device machine that accept data process it and gives output.

① How can we enter data to the computer?

Through Input devices.

② Name Some Input devices?

key-board, mouse etc.

③ What do you mean by output devices?

Output devices are those through which data is displayed or result.

④ Give Some examples of output devices?

No response.

### Announcement of the topic - 1

Finding the students unable to answer the P.T will announce the topic by saying that today we will study about "Output device".

Presentation - 1 P.T will develop her lessons with lecture cum-demonstration method and with of different skills.

Teaching Point

Pupils teacher activities

Pupil activities

B.B work

Meaning of output devices.

Output devices are those devices that help us to produce output as well as data on the computer screen or on the paper.

Output devices

\* VDU

(Visual display units)

Examples of Output devices.

These are some output devices such as Printer, Plotter, linker, visual display unit (VDU), & speaker.

\* Printer

\* Plotter

Types of Output devices

The output on the screen is referred to as the soft output as it is not permanent. In order to preserve the output

\* Speaker

\* Pointer

Output we produce it on paper using a printer. This output on paper is referred as the hard copy.

VDO

AVDU is the most common and infact a very essential output by printer.

Students will be write~~Re~~ on their notebooks

Plotters

The output devices are used to print graph, maps, mechanical drawing etc. The drawings can multi-colored or black & white depending upon the links used.

Students will be write~~Re~~ in their notebooks

Speaker

In order to get audio output, speakers are used. Sound words are used to convert the digital signals into analog signals which are then fed to the speaker. Speakers produce the sound from the electrical signals received.

Students will be write in their notebooks

Summarization - P.T will summarize her topic by saying that today we have studied about output devices. Output can be of two types.

Soft copy and hard copy output. These are many output devices like Printers, Plotters, VDU, Speaker etc.

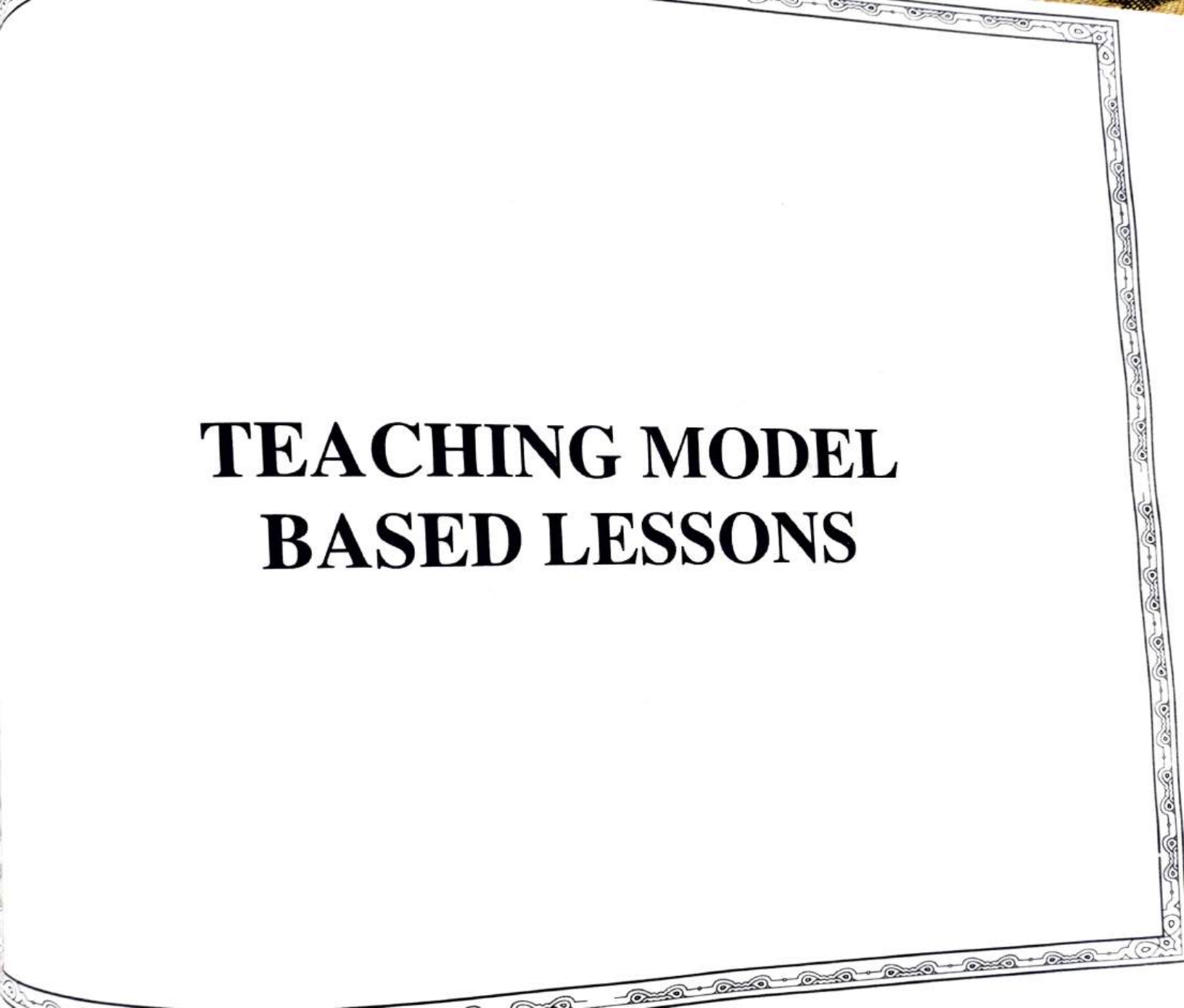
## Evaluation.

- Recapitulation - ?
- ① What is output device?
  - ② What do you mean by soft copy output?
  - ③ What do you mean by VDO?
  - ④ What do you mean by speaker?

Inspection of work - ? P.T will take round in the class to check the notebooks of the students.

Home work - ?

Write and learn about output devices.

A decorative border with a repeating geometric pattern of small circles and lines, framing the page on the top, right, and bottom edges.

# **TEACHING MODEL BASED LESSONS**

Lesson Plan  
Based on Model  
Teaching

Date -

Topic - Internet

Units - 1

Subject - Computer Science

Name of Concept - Internet Fundamentals

Defination of Concepts - The name 'Internet' it self suggest its weaning. It stands for international Network of Computer. A Network is inter connection b/w two or more computers.

Essential attributes - The Internet is a "network of Networks" that consists of millions of computer spread across the world.

## Presentation of The topic

Phase - I

Identifying and enumerating data that is relevant problems.

Phase - II

Grouping those items acc. to some basic of similarity.

Phase - IV

Developing categories and labels for the groups.

## Principles of Reaction:-

Teacher should help the students to test Hypothesis.

## Instructional Effects

Students learn about the concept and nature of concept.

They got practice in Inductive reasoning.

# Nurturant Effects

- 1.) Sensitivity to logical reasoning in communication.
- 2.) They got practice in inductive reasoning.
- 3.) Awareness of alternate perspective.

## Phase:-

### Phase - I

Identifying and  
envisaging data  
that.

### Teacher Activity

What is Internet?  
Explain the history  
of Internet.

### Pupil Response

The internet is a  
"network of  
networks"

### PHASE - II

are relevant  
to problem.

Explain history of  
internet

that consists of  
millions of computer.

Spread across the world.

## PHASE - II

Grouping  
itams  
on the

Now teacher will  
classify in two  
Groups.

In 1969 when man  
walked on the

## PHASE - III

Basis of  
similarity

Explain the History  
of Internet?

Identify the special  
features of Internet  
Group I which  
are different  
from group II

Moon, The U.S defence.  
department

Set an advancement  
research project agency  
(CARPA) for further research.  
The Indian Service started  
on 15<sup>th</sup> August 1995  
through govt. owned  
ISAC.

PHASE

Teacher's Activity

Pupil Activity

PHASE III

Developing  
Category and  
label the  
group

What did you conclude in  
group I?  
What are their special  
features.

When did Internet Service  
start in the world?

In 1969, when man  
walked on the moon.  
the U.S defence department  
set on advancement research  
project agency (ARPA)  
for further research.  
They designed a Network.

Internet Service Started  
on 15th August 1995  
through government  
owned VSNL-like  
Airtel, Sify, TATA  
and the etc.

## HOME WORK :-

- 1.) What is Internet ?
- 2.) Give some examples of Internet Services Providers?
- 3.) What do you mean by the E-Commerce?
- 4.) What is web browsing?

Date-1

Subject-1 Computer Science

Topic-1 Communication

Units-1 & 2

General Aim-1

A well equipped classrooms with chalk-board, Chalk and Pointer.

Specific Aim-1

Model of a network.

General Aim

- 1) To develop knowledge of Students.
- 2) To create internet among Students.
- 3) To develop practical as well as intellectual ability of computer.

Specific Aims-1

Students will be able to know more about computer Internet and various networks.

P.K. Testing-1

P.T assumed that Students have some knowledge about communication device.

P.K. Testing-1

To check Previous knowledge of Students.  
P.T will ask the question.

- 1.) What are various way to communication with each other?
- 2.) What are the ways of sending messages?

~~Announcement~~  
of topic -

It will explain and Communication topic  
after ~~and~~ taking response with students  
we will discuss about concepts.

Presentation -

P.T will use demonstration method of  
deliver the lesson plan.

Date :-

Topic:- Internet

Subject :- Computer Science

Units :- 3

Subject matter

P.T activity

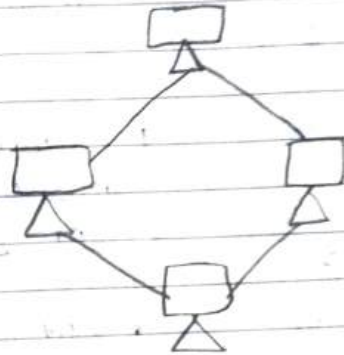
Teaching aid

B.B work

Internet:- It is

P.T will explain  
the concept  
of a internet.  
of the detail

the name given to  
the global  
network of  
inter connected  
of the computer.  
it is wider  
concept network  
on world  
connects million  
of computer  
is given group  
of two or  
more computer  
system together.



Network

Networks:- A group of computer network to gather to share data and is called computer network.

They are of three types:-

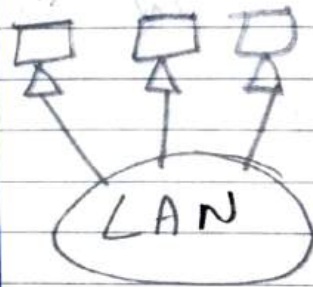
- ① lan
- ② Man
- ③ wan

LAN:- it is a system that linked together computer and from a network with like building, school, colleges.

P.T will explain about details.

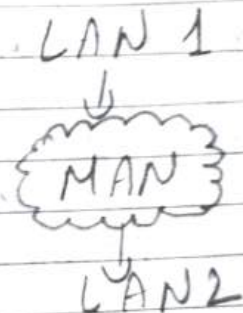
P.T will ask question from the students.

what is full form of LAN.



② MAN:- It is a metropolitan area network larger than local area network covering an area of few city blocks to area.

What is full form of MAN?



③ WAN:- It is a wide area network. It is typically connect two or more LAN. The computer area further a part linked to be telephone

What is full form of WAN?

## Recapitulation

Q:- What is internet ?

Q:- What is full form of LAN, WAN, MAN?

## Home work

Learn and write all the types of networks.  
on your notebook.

Date:-  
Subject:- Computer Science

Topic:- MS Paint  
Units:- 4

General aid:-

A well equipped classroom, chalk, duster, Pointer.

Specific Aid:-

Chart for recapitulation.

General Aim:-

- 1.) To enable the students to know more about computer.
- 2.) To enable students to develop interest in computer.
- 3.) To develop intellectual ability of students.

Specific Aim:-

After this topic students will be able to know more about components of computer.

P.K testing:-

P.T will assumed this students to have knowledge about Paint.

P.K testing

P.T will assumed the students to have knowledge about Point.

Announcement  
of topic

Define point?  
Name the types of Scroll bar?  
What do you mean by title bar?  
Name the different components of  
Paint?

P.K testing

After getting response P.T will announce the topic by saying we will discuss about components of Paints?

Presentation  
of topic:

P.T will present the lesson by using lecture-cum-demonstration method.

Date:-

Subject:- Computer Science

Topic:- MS Paint window

Units:- 5

Subject Matter

P.T. activity

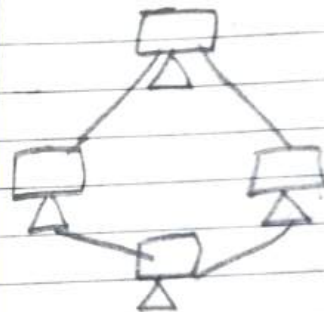
Teaching aid

B.B work

Components of MS Paint is it has many parts as title bar, menu bar, work area, scroll bar, tool bar.

P.T will explain the concept of MS paint window.

P.T will ask question how to save documents.



Title bar:- Title bar placed on top of window contain three button i.e. close minimize.

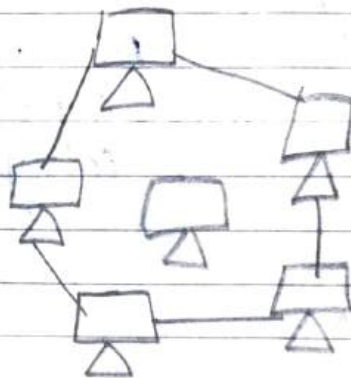
Tool bar:- A tool bar

appear in left  
side of  
screen Point  
brush and  
has 16  
tools bar  
that helps  
to draw  
picture.

Work-area:-

work area is  
blank screen  
to draw &  
colour each  
picture in  
this area only.

P.T will ask  
what are  
different  
shapes you  
draw.



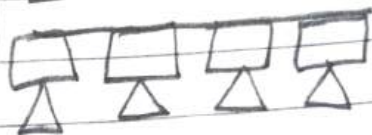
P.T will ask  
how many  
different  
color area  
available.

## Scroll bar

They are showed  
in scroll  
bar in  
vertical bar.

P.T will explain  
the scroll  
bar.

## Bus Topology



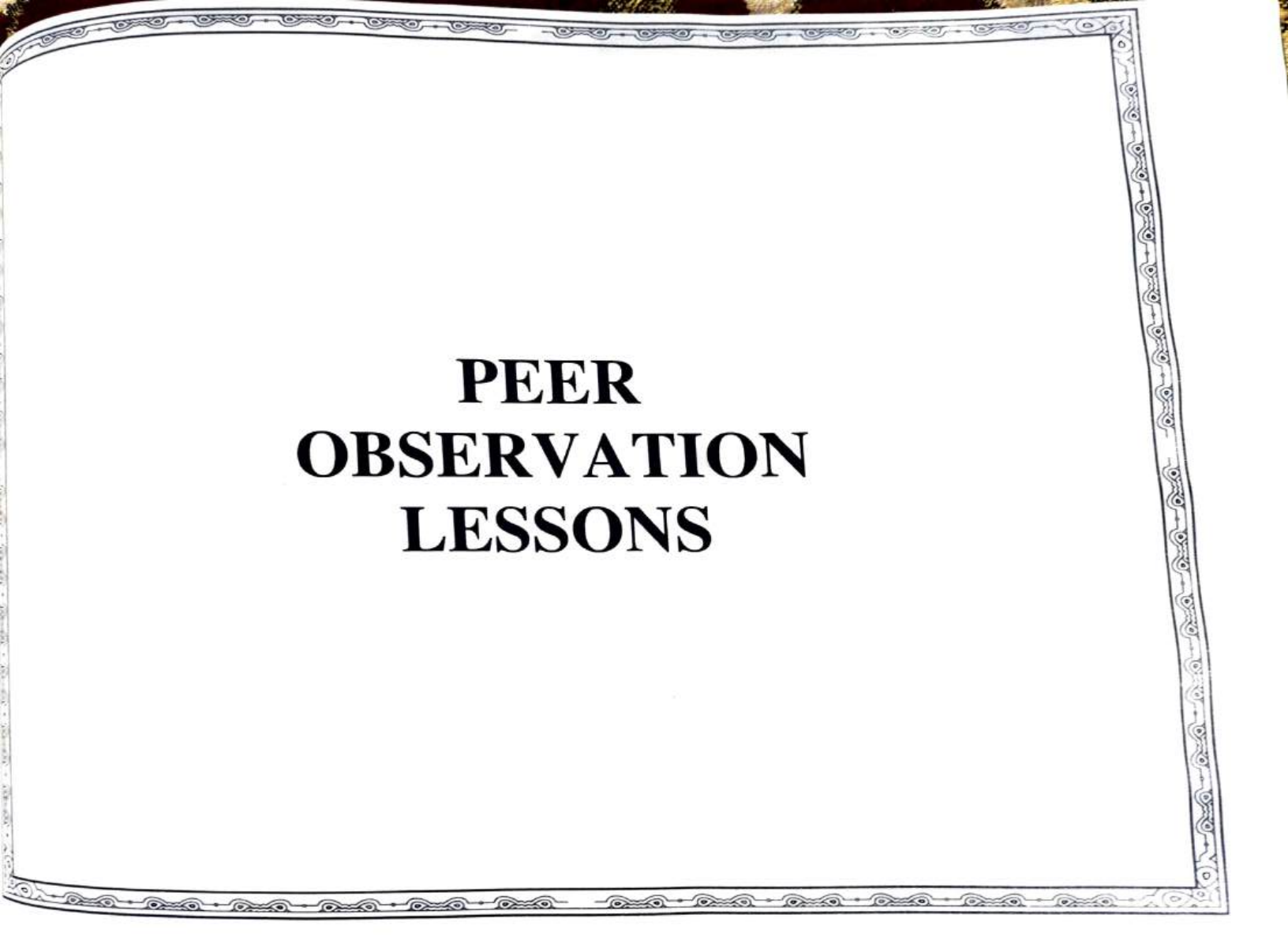
## Recapitulation:-

- ① Choose color from \_\_\_\_\_ box.
- ② The number of tool is \_\_\_\_\_ in tool bar.
- ③ To draw a \_\_\_\_\_ in Paint.
- ④ In menu bar \_\_\_\_\_ menu.

## Homework

Q:- what is color bar?

Q:- How many components are in Paint window?

A decorative border with a repeating scroll pattern surrounds the text.

# **PEER OBSERVATION LESSONS**

## Check list for Lesson Observation

Pupil's Teacher's Name \_\_\_\_\_ Sub \_\_\_\_\_ Class \_\_\_\_\_

Roll No. \_\_\_\_\_ Topic \_\_\_\_\_ Dated \_\_\_\_\_

Instruction : Please tick Mark(✓) under 1,2,3 as applicable

1 2 3  
Good Satisfactory Needs Imp.

|                                                                                          |  |  |  |
|------------------------------------------------------------------------------------------|--|--|--|
| * <b>INTRODUCING :</b><br>Previous Knowledge Testing                                     |  |  |  |
| (Announcement of the topic)                                                              |  |  |  |
| * <b>PRESENTATION</b><br>(i) Explanation                                                 |  |  |  |
| (ii) Questioning (Relevant, specific, concise, through provoking)                        |  |  |  |
| (iii) Black Board Summary (Properly develop, legible, Systematic)                        |  |  |  |
| (iv) Demonstration (Relevant, Students involvement, visible & Systematic)                |  |  |  |
| (v) Teaching<br>(Preparation, display and proper use)                                    |  |  |  |
| * <b>RECAPITULATIONS</b> (Section and at the end of the lesson ) creative (motivational) |  |  |  |
| * <b>CLASS ROOM MANAGEMENT</b><br>(i) Discipline, creating original (motivation)         |  |  |  |
| * <b>HOME ASSIGNMENT</b><br>(i) (Summarised, objective and creative)                     |  |  |  |
| * <b>PERSONALITY TRAIT</b><br>(i) (Personality ( Confidence, natural expression)         |  |  |  |
| (iii) Proper posture gestures & Audible Voice                                            |  |  |  |

General Remarks/Suggestions

GRADE

Signature of the Pupil Teacher

## Check list for Lesson Observation

Pupil's Teacher's Name \_\_\_\_\_ Sub \_\_\_\_\_ Class \_\_\_\_\_

Roll No. \_\_\_\_\_ Topic \_\_\_\_\_ Dated \_\_\_\_\_

Instruction : Please tick Mark(✓) under 1,2,3 as applicable

1 2 3  
Good Satisfactory Needs Imp.

|                                                                                          |  |  |  |
|------------------------------------------------------------------------------------------|--|--|--|
| * <b>INTRODUCING :</b><br>Previous Knowledge Testing                                     |  |  |  |
| (Announcement of the topic)                                                              |  |  |  |
| * <b>PRESENTATION</b><br>(i) Explanation                                                 |  |  |  |
| (ii) Questioning (Relevant, specific, concise, through provoking)                        |  |  |  |
| (iii) Black Board Summary (Properly develop, legible, Systematic)                        |  |  |  |
| (iv) Demonstration (Relevant, Students involvement, visible & Systematic)                |  |  |  |
| (v) Teaching<br>(Preparation, display and proper use)                                    |  |  |  |
| * <b>RECAPITULATIONS</b> (Section and at the end of the lesson ) creative (motivational) |  |  |  |
| * <b>CLASS ROOM MANAGEMENT</b><br>(i) Discipline, creating original (motivation)         |  |  |  |
| * <b>HOME ASSIGNMENT</b><br>(i) (Summarised, objective and creative)                     |  |  |  |
| * <b>PERSONALITY TRAIT</b><br>(i) (Personality ( Confidence, natural expression)         |  |  |  |
| (iii) Proper posture gestures & Audible Voice                                            |  |  |  |

General Remarks/Suggestions

GRADE

Signature of the Pupil Teacher

## Check list for Lesson Observation

Pupil's Teacher's Name \_\_\_\_\_ Sub \_\_\_\_\_ Class \_\_\_\_\_

Roll No. \_\_\_\_\_ Topic \_\_\_\_\_ Dated \_\_\_\_\_

Instruction : Please tick Mark(✓) under 1,2,3 as applicable

1 2 3  
Good Satisfactory Needs Imp.

|                                                                                          |  |  |  |
|------------------------------------------------------------------------------------------|--|--|--|
| * <b>INTRODUCING :</b><br>Previous Knowledge Testing                                     |  |  |  |
| (Announcement of the topic)                                                              |  |  |  |
| * <b>PRESENTATION</b><br>(i) Explanation                                                 |  |  |  |
| (ii) Questioning (Relevant, specific, concise, through provoking)                        |  |  |  |
| (iii) Black Board Summary (Properly develop, legible, Systematic)                        |  |  |  |
| (iv) Demonstration (Relevant, Students involvement, visible & Systematic)                |  |  |  |
| (v) Teaching<br>(Preparation, display and proper use)                                    |  |  |  |
| * <b>RECAPITULATIONS</b> (Section and at the end of the lesson ) creative (motivational) |  |  |  |
| * <b>CLASS ROOM MANAGEMENT</b><br>(i) (Discipline, creating original (motivation)        |  |  |  |
| * <b>HOME ASSIGNMENT</b><br>(i) (Summarised, objective and creative)                     |  |  |  |
| * <b>PERSONALITY TRAIT</b><br>(i) (Personality ( Confidence, natural expression)         |  |  |  |
| (iii) Proper posture gestures & Audible Voice                                            |  |  |  |

General Remarks/Suggestions  
GRADE

Signature of the Pupil Teacher

## Check list for Lesson Observation

Pupil's Teacher's Name \_\_\_\_\_ Sub \_\_\_\_\_ Class \_\_\_\_\_

Roll No. \_\_\_\_\_ Topic \_\_\_\_\_ Dated \_\_\_\_\_

Instruction : Please tick Mark(✓) under 1,2,3 as applicable

1 2 3  
Good Satisfactory Needs Imp.

|                                                                                          |  |  |  |
|------------------------------------------------------------------------------------------|--|--|--|
| * <b>INTRODUCING :</b><br>Previous Knowledge Testing                                     |  |  |  |
| (Announcement of the topic)                                                              |  |  |  |
| * <b>PRESENTATION</b><br>(i) Explanation                                                 |  |  |  |
| (ii) Questioning (Relevant, specific, concise, through provoking)                        |  |  |  |
| (iii) Black Board Summary (Properly develop, legible, Systematic)                        |  |  |  |
| (iv) Demonstration (Relevant, Students involvement, visible & Systematic)                |  |  |  |
| (v) Teaching<br>(Preparation, display and proper use)                                    |  |  |  |
| * <b>RECAPITULATIONS</b> (Section and at the end of the lesson ) creative (motivational) |  |  |  |
| * <b>CLASS ROOM MANAGEMENT</b><br>(i) (Discipline, creating original (motivation)        |  |  |  |
| * <b>HOME ASSIGNMENT</b><br>(i) (Summarised, objective and creative)                     |  |  |  |
| * <b>PERSONALITY TRAIT</b><br>(i) (Personality ( Confidence, natural expression)         |  |  |  |
| (iii) Proper posture gestures & Audible Voice                                            |  |  |  |

General Remarks/Suggestions  
GRADE

Signature of the Pupil Teacher

## Check list for Lesson Observation

Pupil's Teacher's Name \_\_\_\_\_ Sub \_\_\_\_\_ Class \_\_\_\_\_

Roll No. \_\_\_\_\_ Topic \_\_\_\_\_ Dated \_\_\_\_\_

Instruction : Please tick Mark(✓) under 1,2,3 as applicable

1 2 3  
Good Satisfactory Needs Imp.

|                                                                                          |  |  |  |
|------------------------------------------------------------------------------------------|--|--|--|
| * <b>INTRODUCING :</b><br>Previous Knowledge Testing                                     |  |  |  |
| (Announcement of the topic)                                                              |  |  |  |
| * <b>PRESENTATION</b>                                                                    |  |  |  |
| (i) Explanation                                                                          |  |  |  |
| (ii) Questioning (Relevant, specific, concise, through provoking)                        |  |  |  |
| (iii) Black Board Summary (Properly develop, legible, Systematic)                        |  |  |  |
| (iv) Demonstration (Relevant, Students involvement, visible & Systematic)                |  |  |  |
| (v) Teaching<br>(Preparation, display and proper use)                                    |  |  |  |
| * <b>RECAPITULATIONS</b> (Section and at the end of the lesson ) creative (motivational) |  |  |  |
| * <b>CLASS ROOM MANAGEMENT</b>                                                           |  |  |  |
| (i) (Discipline, creating original (motivation)                                          |  |  |  |
| * <b>HOME ASSIGNMENT</b>                                                                 |  |  |  |
| (i) (Summarised, objective and creative)                                                 |  |  |  |
| * <b>PERSONALITY TRAIT</b>                                                               |  |  |  |
| (i) (Personality ( Confidence, natural expression)                                       |  |  |  |
| (iii) Proper posture gestures & Audible Voice                                            |  |  |  |

General Remarks/Suggestions

GRADE

Signature of the Pupil Teacher

## Check list for Lesson Observation

Pupil's Teacher's Name \_\_\_\_\_ Sub \_\_\_\_\_ Class \_\_\_\_\_

Roll No. \_\_\_\_\_ Topic \_\_\_\_\_ Dated \_\_\_\_\_

Instruction : Please tick Mark(✓) under 1,2,3 as applicable

1 2 3  
Good Satisfactory Needs Imp.

|                                                                                          |  |  |  |
|------------------------------------------------------------------------------------------|--|--|--|
| * <b>INTRODUCING :</b><br>Previous Knowledge Testing                                     |  |  |  |
| (Announcement of the topic)                                                              |  |  |  |
| * <b>PRESENTATION</b>                                                                    |  |  |  |
| (i) Explanation                                                                          |  |  |  |
| (ii) Questioning (Relevant, specific, concise, through provoking)                        |  |  |  |
| (iii) Black Board Summary (Properly develop, legible, Systematic)                        |  |  |  |
| (iv) Demonstration (Relevant, Students involvement, visible & Systematic)                |  |  |  |
| (v) Teaching<br>(Preparation, display and proper use)                                    |  |  |  |
| * <b>RECAPITULATIONS</b> (Section and at the end of the lesson ) creative (motivational) |  |  |  |
| * <b>CLASS ROOM MANAGEMENT</b>                                                           |  |  |  |
| (i) (Discipline, creating original (motivation)                                          |  |  |  |
| * <b>HOME ASSIGNMENT</b>                                                                 |  |  |  |
| (i) (Summarised, objective and creative)                                                 |  |  |  |
| * <b>PERSONALITY TRAIT</b>                                                               |  |  |  |
| (i) (Personality ( Confidence, natural expression)                                       |  |  |  |
| (iii) Proper posture gestures & Audible Voice                                            |  |  |  |

General Remarks/Suggestions

GRADE

Signature of the Pupil Teacher

## Check list for Lesson Observation

Pupil's Teacher's Name \_\_\_\_\_ Sub \_\_\_\_\_ Class \_\_\_\_\_

Roll No. \_\_\_\_\_ Topic \_\_\_\_\_ Dated \_\_\_\_\_

Instruction : Please tick Mark(✓) under 1,2,3 as applicable

1 2 3  
Good Satisfactory Needs Imp.

|                                                                                          |  |  |  |
|------------------------------------------------------------------------------------------|--|--|--|
| * <b>INTRODUCING :</b><br>Previous Knowledge Testing                                     |  |  |  |
| (Announcement of the topic)                                                              |  |  |  |
| * <b>PRESENTATION</b><br>(i) Explanation                                                 |  |  |  |
| (ii) Questioning (Relevant, specific, concise, through provoking)                        |  |  |  |
| (iii) Black Board Summary (Properly develop, legible, Systematic)                        |  |  |  |
| (iv) Demonstration (Relevant, Students involvement, visible & Systematic)                |  |  |  |
| (v) Teaching<br>(Preparation, display and proper use)                                    |  |  |  |
| * <b>RECAPITULATIONS</b> (Section and at the end of the lesson ) creative (motivational) |  |  |  |
| * <b>CLASS ROOM MANAGEMENT</b><br>(i) (Discipline, creating original (motivation)        |  |  |  |
| * <b>HOME ASSIGNMENT</b><br>(i) (Summarised, objective and creative)                     |  |  |  |
| * <b>PERSONALITY TRAIT</b><br>(i) (Personality ( Confidence, natural expression)         |  |  |  |
| (iii) Proper posture gestures & Audible Voice                                            |  |  |  |

General Remarks/Suggestions  
GRADE

Signature of the Pupil Teacher

## Check list for Lesson Observation

Pupil's Teacher's Name \_\_\_\_\_ Sub \_\_\_\_\_ Class \_\_\_\_\_

Roll No. \_\_\_\_\_ Topic \_\_\_\_\_ Dated \_\_\_\_\_

Instruction : Please tick Mark(✓) under 1,2,3 as applicable

1 2 3  
Good Satisfactory Needs Imp.

|                                                                                          |  |  |  |
|------------------------------------------------------------------------------------------|--|--|--|
| * <b>INTRODUCING :</b><br>Previous Knowledge Testing                                     |  |  |  |
| (Announcement of the topic)                                                              |  |  |  |
| * <b>PRESENTATION</b><br>(i) Explanation                                                 |  |  |  |
| (ii) Questioning (Relevant, specific, concise, through provoking)                        |  |  |  |
| (iii) Black Board Summary (Properly develop, legible, Systematic)                        |  |  |  |
| (iv) Demonstration (Relevant, Students involvement, visible & Systematic)                |  |  |  |
| (v) Teaching<br>(Preparation, display and proper use)                                    |  |  |  |
| * <b>RECAPITULATIONS</b> (Section and at the end of the lesson ) creative (motivational) |  |  |  |
| * <b>CLASS ROOM MANAGEMENT</b><br>(i) (Discipline, creating original (motivation)        |  |  |  |
| * <b>HOME ASSIGNMENT</b><br>(i) (Summarised, objective and creative)                     |  |  |  |
| * <b>PERSONALITY TRAIT</b><br>(i) (Personality ( Confidence, natural expression)         |  |  |  |
| (iii) Proper posture gestures & Audible Voice                                            |  |  |  |

General Remarks/Suggestions  
GRADE

Signature of the Pupil Teacher

## Check list for Lesson Observation

Pupil's Teacher's Name \_\_\_\_\_ Sub \_\_\_\_\_ Class \_\_\_\_\_

Roll No. \_\_\_\_\_ Topic \_\_\_\_\_ Dated \_\_\_\_\_

Instruction : Please tick Mark(✓) under 1,2,3 as applicable

1 2 3  
Good Satisfactory Needs Imp.

### \* INTRODUCING :

Previous Knowledge Testing

(Announcement of the topic)

### \* PRESENTATION

(i) Explanation

(ii) Questioning (Relevant, specific, concise, through provoking)

(iii) Black Board Summary (Properly develop, legible, Systematic)

(iv) Demonstration (Relevant, Students involvement, visible & Systematic)

(v) Teaching (Preparation, display and proper use)

\* RECAPITULATIONS (Section and at the end of the lesson ) creative (motivational)

\* CLASS ROOM MANAGEMENT (i) (Discipline, creating original (motivation)

\* HOME ASSIGNMENT (i) (Summarised, objective and creative)

\* PERSONALITY TRAIT (i) (Personality ( Confidence, natural expression)

(iii) Proper posture gestures & Audible Voice

General Remarks/Suggestions  
GRADE

Signature of the Pupil Teacher

## Check list for Lesson Observation

Pupil's Teacher's Name \_\_\_\_\_ Sub \_\_\_\_\_ Class \_\_\_\_\_

Roll No. \_\_\_\_\_ Topic \_\_\_\_\_ Dated \_\_\_\_\_

Instruction : Please tick Mark(✓) under 1,2,3 as applicable

1 2 3  
Good Satisfactory Needs Imp.

### \* INTRODUCING :

Previous Knowledge Testing

(Announcement of the topic)

### \* PRESENTATION

(i) Explanation

(ii) Questioning (Relevant, specific, concise, through provoking)

(iii) Black Board Summary (Properly develop, legible, Systematic)

(iv) Demonstration (Relevant, Students involvement, visible & Systematic)

(v) Teaching (Preparation, display and proper use)

\* RECAPITULATIONS (Section and at the end of the lesson ) creative (motivational)

\* CLASS ROOM MANAGEMENT (i) (Discipline, creating original (motivation)

\* HOME ASSIGNMENT (i) (Summarised, objective and creative)

\* PERSONALITY TRAIT (i) (Personality ( Confidence, natural expression)

(iii) Proper posture gestures & Audible Voice

General Remarks/Suggestions  
GRADE

Signature of the Pupil Teacher

## Check list for Lesson Observation

Pupil's Teacher's Name \_\_\_\_\_ Sub \_\_\_\_\_ Class \_\_\_\_\_

Roll No. \_\_\_\_\_ Topic \_\_\_\_\_ Dated \_\_\_\_\_

Instruction : Please tick Mark(✓) under 1,2,3 as applicable

1 2 3  
Good Satisfactory Needs Imp.

|                                                                                         |  |  |  |
|-----------------------------------------------------------------------------------------|--|--|--|
| * <b>INTRODUCING :</b><br>Previous Knowledge Testing                                    |  |  |  |
| (Announcement of the topic)                                                             |  |  |  |
| * <b>PRESENTATION</b><br>(i) Explanation                                                |  |  |  |
| (ii) Questioning (Relevant, specific, concise, through provoking)                       |  |  |  |
| (iii) Black Board Summary (Properly develop, legible, Systematic)                       |  |  |  |
| (iv) Demonstration (Relevant, Students involvement, visible & Systematic)               |  |  |  |
| (v) Teaching<br>(Preparation, display and proper use)                                   |  |  |  |
| * <b>RECAPITULATIONS</b> (Section and at the end of the lesson) creative (motivational) |  |  |  |
| * <b>CLASS ROOM MANAGEMENT</b><br>(i) (Discipline, creating original (motivation)       |  |  |  |
| * <b>HOME ASSIGNMENT</b><br>(i) (Summarised, objective and creative)                    |  |  |  |
| * <b>PERSONALITY TRAIT</b><br>(i) (Personality ( Confidence, natural expression)        |  |  |  |
| (iii) Proper posture gestures & Audible Voice                                           |  |  |  |

General Remarks/Suggestions  
GRADE

Signature of the Pupil Teacher

## Check list for Lesson Observation

Pupil's Teacher's Name \_\_\_\_\_ Sub \_\_\_\_\_ Class \_\_\_\_\_

Roll No. \_\_\_\_\_ Topic \_\_\_\_\_ Dated \_\_\_\_\_

Instruction : Please tick Mark(✓) under 1,2,3 as applicable

1 2 3  
Good Satisfactory Needs Imp.

|                                                                                         |  |  |  |
|-----------------------------------------------------------------------------------------|--|--|--|
| * <b>INTRODUCING :</b><br>Previous Knowledge Testing                                    |  |  |  |
| (Announcement of the topic)                                                             |  |  |  |
| * <b>PRESENTATION</b><br>(i) Explanation                                                |  |  |  |
| (ii) Questioning (Relevant, specific, concise, through provoking)                       |  |  |  |
| (iii) Black Board Summary (Properly develop, legible, Systematic)                       |  |  |  |
| (iv) Demonstration (Relevant, Students involvement, visible & Systematic)               |  |  |  |
| (v) Teaching<br>(Preparation, display and proper use)                                   |  |  |  |
| * <b>RECAPITULATIONS</b> (Section and at the end of the lesson) creative (motivational) |  |  |  |
| * <b>CLASS ROOM MANAGEMENT</b><br>(i) (Discipline, creating original (motivation)       |  |  |  |
| * <b>HOME ASSIGNMENT</b><br>(i) (Summarised, objective and creative)                    |  |  |  |
| * <b>PERSONALITY TRAIT</b><br>(i) (Personality ( Confidence, natural expression)        |  |  |  |
| (iii) Proper posture gestures & Audible Voice                                           |  |  |  |

General Remarks/Suggestions  
GRADE

Signature of the Pupil Teacher