

Page No.	1
Date	15/04/24

Tendes Heart School, Sec-33B, Chandigarh
CLASS-IV Subject- Computers

Chapter-1 (Memory and Storage)

Good Morning Students,

Students, this lesson is for class-4 for the subject of Computers, Topic - 'Types of Memory' which is covered in chapter-1 starting on page no-7 of your text book, titled - 'Kips Logix-4' and is being submitted to you on 15.04.24

- All the students, May now Please open page no-7 in front of them.
- I hope all the students are ready for today's lesson. So let us start with the topic. All the students, Please listen carefully.

1. Internal Memory:- Students, the other name of Internal memory is Primary memory or Main memory. It is easy to access data while working on the computer because this is built-in memory. When we turn off the computer the data stored in internal memory is erased. It is of two types - (i) RAM
(ii) ROM

CLASS-IV, Subject- Computers

Teacher - Rupinder Kaur

Students, Now, you will study about these two types of Internal memory: one by one.

(i) RAM (Random Access Memory) :- This memory works like a blackboard of classroom. For writing new topic on blackboard, we erase the previous topic. In the same way, when we turn off the computer or the power goes off the information stored in the memory is lost. e.g:- Calculator.

(ii) ROM (Read only Memory) :- It works like an Audio or video disk. We use the information of Audio or video disk only for listening & watching the topics present inside this. We cannot make any change; like this the instructions that are stored in ROM cannot be changed, but can only be read. e.g - CD of songs, Movies etc.

2. External Memory :- The other name of External memory is Secondary memory. In this, we can store information for longer period. When the computer is turned off, data will not be lost. All storage devices comes in the category of

CLASS-IV Subject-Computers

Teacher - Rupinder Kaur

External Memory. Now, Students, All of you may take a break for 3 minutes. During break time you will give answers for the following Questions:-

- Q:-1. Give full form of RAM and ROM.
Q:-2. Write the other name of External Memory.
Q:-3. Give one example of ROM (Read Only Memory)

* Students, 3 minutes break is over now let me give you answers first. And the answers are -

Ans:-1. RAM - Random Access Memory
ROM - Read only Memory

Ans:-2. Secondary memory

Ans:-3. CD of songs, movies.

* Students, let us continue with the next topic present on page no-8 and the topic is -

Storage Devices:- Students all of you use many storage devices for storing different things, such as

CLASS-IV Subject- Computers

Teacher - Rupinder Kaur

Cupboard for clothes, School-bag for study material etc. Like this, for storing data there are many storage devices. e.g. - Hard disk, Pen drive, CD etc. These are permanent or not changeable (non-volatile) devices. Let's understand about these devices one by one.

- (i) Hard disk :- Main storage medium, made up of platters (collection of disks), fixed inside the CPU, store upto 8 TB of data.
- (ii) CD (Compact disk) :- optical storage device; Thin, shiny, circular disk, store upto 700 MB of data, 4.7 inches in diameter, used for backup of data.
- (iii) DVD (Digital Versatile Disk) :- Also known as Digital Video Disk. optical storage device with capacity from 4.7 GB to 17 GB.
- (iv) Blue-Ray Disk :- Can store upto 128 GB of data; used for games and movie data.
- (v) Flash drive :- Known as pen drive. Small, light weight, removable drive; store upto 2 TB of data.
- (vi) Memory Card :- Used in Mobile phones for transferring images, music files into a Computer.

* children, Now, I am ending the lesson here. Please read & listen carefully the lesson and try to solve Q:- A, B, C, D, E present on page no. - 10, 11, 12^{in book}. Thank You...