

LESSON OBJECTIVES

Identify different parts of a computer.

Understand the basic functions of different parts of a computer.

Parts of a Computer



LET'S GET STARTED

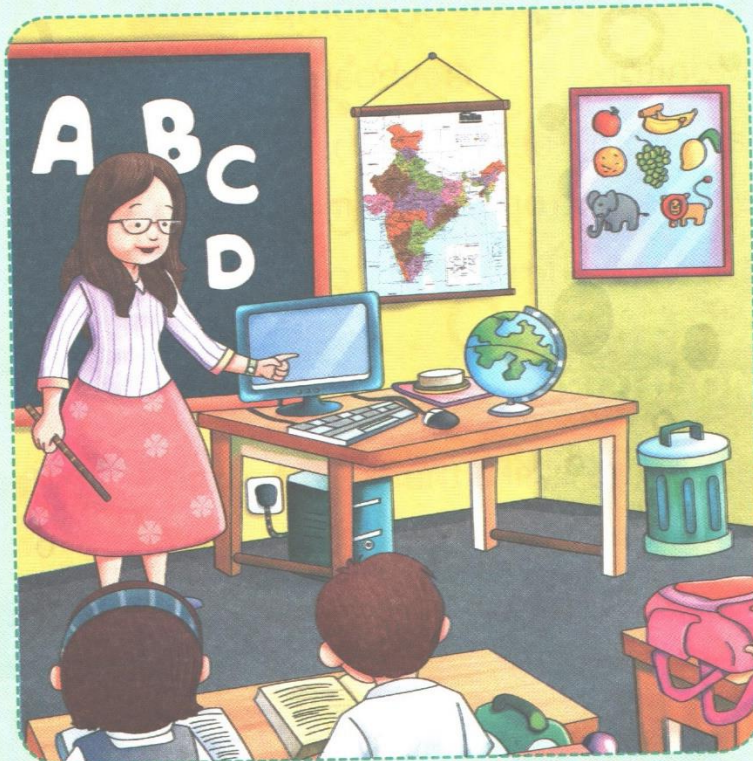
Look at the computer parts in the given picture and write their names in the given space.

MONITOR

KEYBOARD

MOUSE

CPU



Like the human body, a computer also has many parts.

To make the computer work, each of these parts has to do a particular job.



The four basic parts of a computer are:

- Monitor
- Keyboard
- Mouse
- CPU Cabinet

Apart from these four basic parts, we can attach other parts like speakers, microphone, printer, etc. to a computer.

Let us study the parts of a computer in detail.

MONITOR

The monitor is like the face of a computer. It displays the work that we do on the computer.

Monitors are of three types



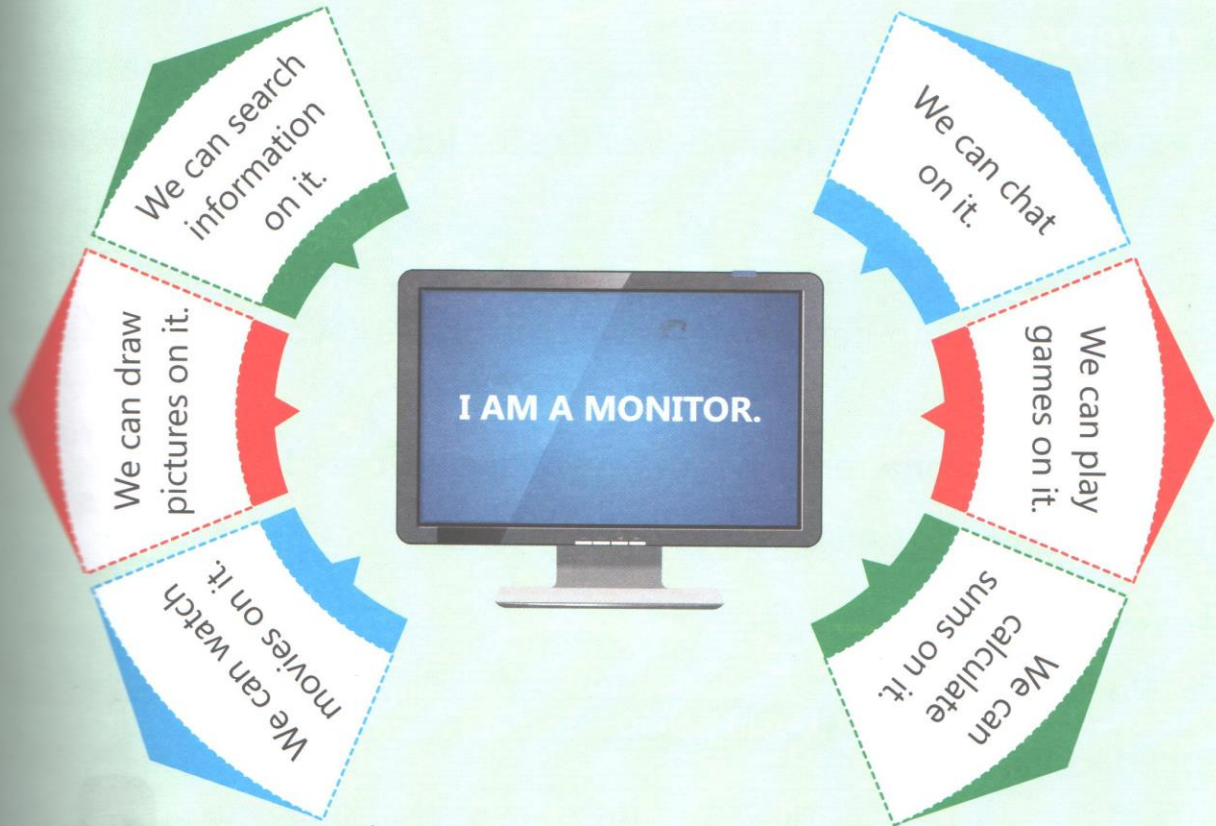
CRT



LCD



LED



LET'S REVIEW

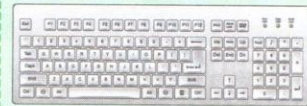
Match the parts of a computer with the correct functions.

I have keys to type.

I have CPU inside me.

I look like a television.

I have two buttons and a scroll wheel.



KEYBOARD

A **keyboard** consists of many buttons called **keys**. A standard keyboard has 104 keys.

These keys are used to type numbers, words, characters and other symbols on a computer. Whatever we type on the keyboard can be seen on the monitor.

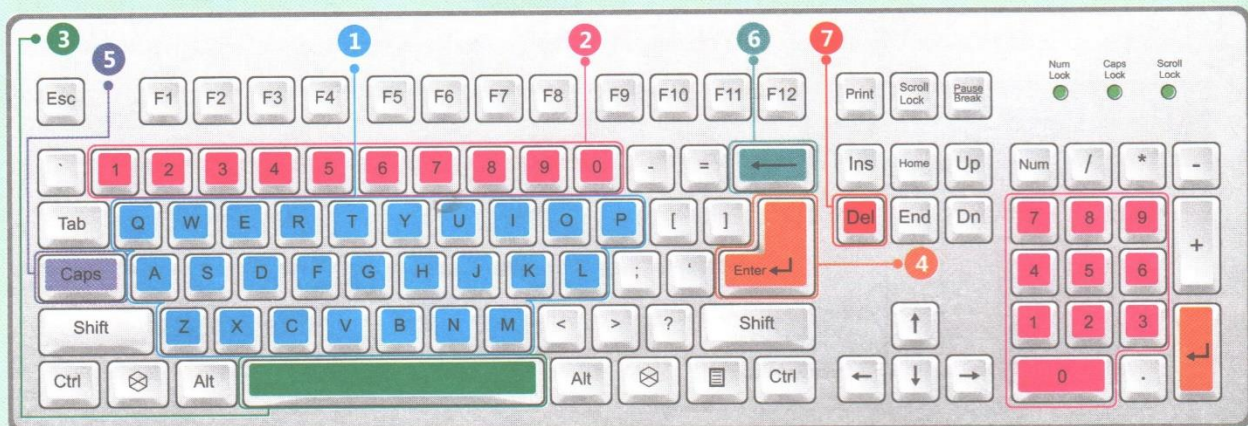
There are many different types of keys on the keyboard.

Some commonly used keys are:

1. Alphabet keys
2. Number keys
3. Spacebar key
4. Enter keys
5. Caps Lock key
6. Backspace key
7. Delete key

FACT LOUNGE

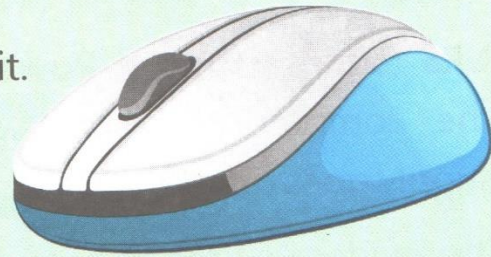
Nowadays, there are wireless keyboards and mice also available. These are not connected to CPU cabinet through wires.



MOUSE

A **mouse** can have two or three buttons on it.

Usually, the mouse has a wire that looks like the tail of a mouse. The wire connects the mouse to the CPU cabinet.



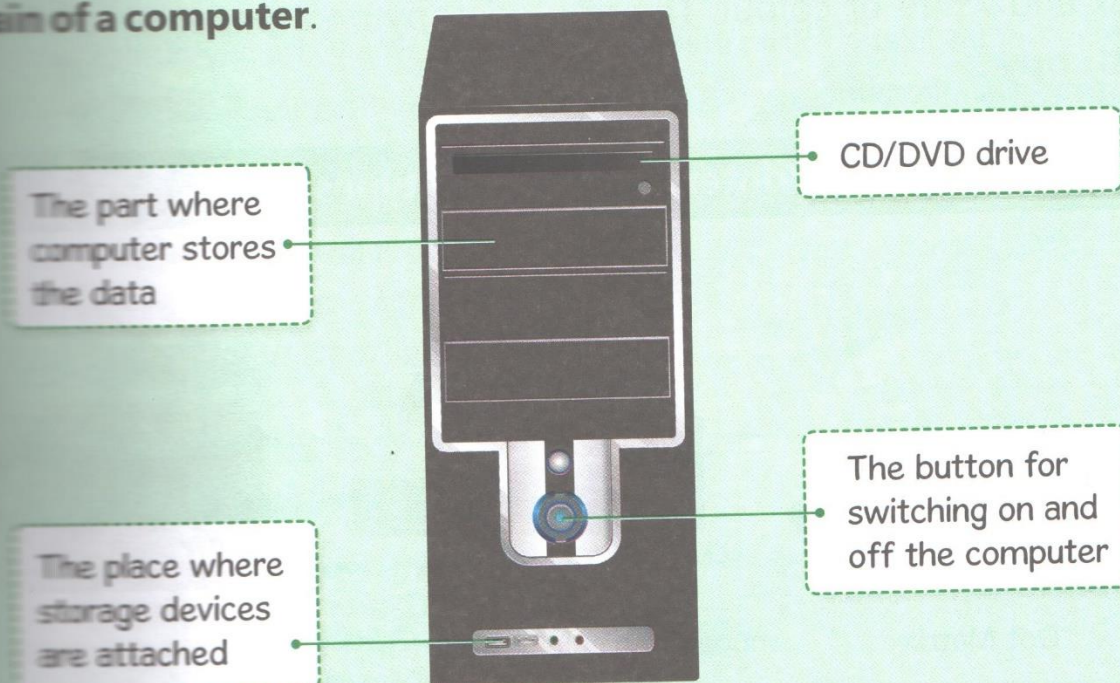
A mouse **points at** and **selects** different things on the monitor screen. It also helps us to **click** and **drag** objects on the monitor screen.

We can also draw pictures, play movies and open files with the help of a mouse. A mouse is usually kept on a **mouse pad**.

CPU CABINET

Cabinet is the box which contains the CPU (**Central Processing Unit**).

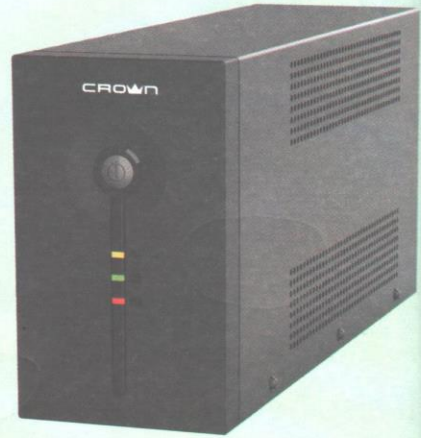
The CPU controls the other parts of a computer. It is also called the **brain of a computer**.



UPS

UPS (**Uninterrupted Power Supply**) keeps the computer working when the power supply goes off.

It provides us time to complete and save our work before switching off the computer.



FACT LOUNGE

Laptops do not need a UPS. The battery of the laptops provide power backup.

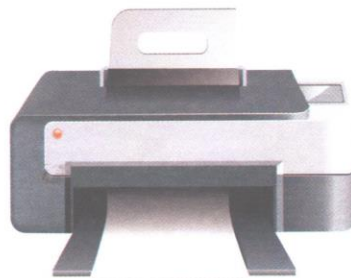
PRINTER

A **printer** is used to print the text or pictures on a paper. It can print in black and white or colour. The printed copy on a paper is called the **hard copy**.

Printers are of three types



Dot Matrix



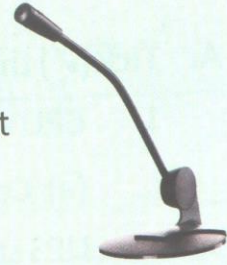
Inkjet



Laser

MICROPHONE, SPEAKERS AND HEADPHONES

A **microphone** is used to record different sounds. It is used to input sound into a computer.



Speakers help us listen to the sound coming from a computer.

Headphones are used when we want to listen to something without disturbing others around us.



FLASHBACK

- Monitor, Keyboard, Mouse and CPU Cabinet are basic parts of computer.
- The monitor displays the work that we do on the computer.
- The keyboard is used to type on the computer.
- The mouse is used to select different things on the monitor screen.
- CPU stands for Central Processing Unit.
- CPU is the brain of the computer.
- UPS stands for Uninterrupted Power Supply.

TRICKY TERMS

CPU Cabinet: The computer part that contains the CPU.

Microphone: The device used to record sound.

Headphones: The device used to listen to recorded sound.

EXERCISE

A. Tick (✓) the correct option.

- CPU stands for _____ Processing Unit.
 (a) Computing (b) Centre (c) **Central**
- UPS stands for _____ Power Supply.
 (a) Unnecessary (b) **Uninterrupted** (c) Uniform
- The keyboard helps us to _____ on the computer.
 (a) store (b) draw (c) **type**
- The mouse helps us to _____ on the computer.
 (a) store (b) **draw** (c) type

B. Fill in the blanks with appropriate words.

- The MONITOR displays the work done on the computer.
- CPU stands for Central PROCESSING Unit.
- Speakers help us listen to the SOUND coming from a computer.
- The keyboard helps us to TYPE on the computer.
- UPS stands for Uninterrupted Power Supply.

Sound, Monitor, Processing, UPS, Type

C. Tick (✓) for the correct statements and cross (X) for the wrong ones.

- A computer can solve the sums with its UPS. *false*
- A computer mouse has two or three buttons. *True*
- Speakers are used to record different sounds. *false*
- A keyboard consists of many keys. *True*
- A mouse is usually kept on a mouse pad. *True*

D. Answer the following questions.

1. Name the main parts of a computer.

keyboard, mouse, cpu, monitor, ups, printer etc.

2. How can we compare the mouse with a computer mouse?

The mouse has a wire that looks like the tail of mouse.

3. Why do we use UPS in the computer system?

ups keeps the computer working when the power supply goes off.

4. Write the names of some keys of the keyboard.

Alphabet keys, Number keys, spacebar keys, Enter keys, capslock key, Backspace key, Delete keys.

5. What is the function of a CPU?

cpu is called the brain of a computer. The cpu controls the other parts of a computer.

E. Name the device used for each task by choosing the given words.

Monitor, Mouse, Microphone, Headphones

1. Listen to songs

Headphones

2. Play games

mouse

3. Watch movies

MONITOR

4. Record a poem

MICROPHONE

FUN TIME

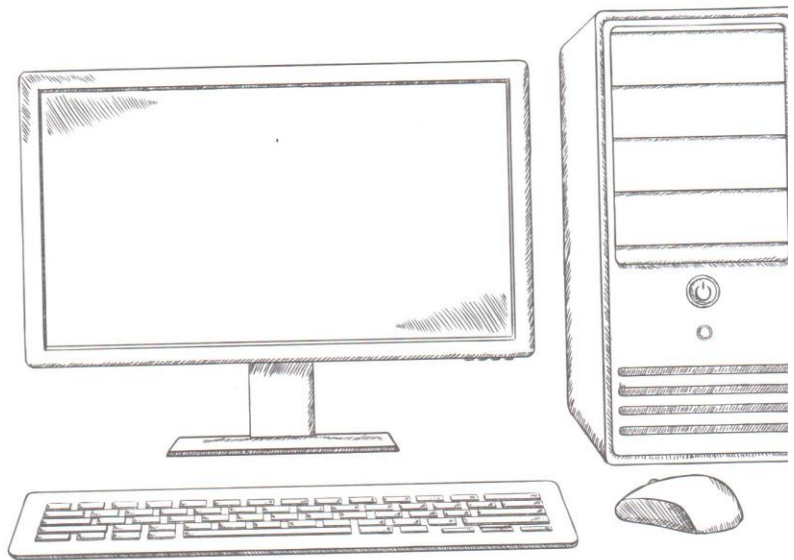
- Colour the picture of the computer using the colour codes given below.

 Keyboard

 Mouse

 Monitor

 CPU Cabinet



LAB ACTIVITY

Visit the computer lab of your school. List the different parts of a computer. Ask your teacher about any part that you are not sure of.

PROJECT ZONE

Collect pictures of different types of keyboard, mouse, monitor, printer and speakers. Paste them in your scrapbook.

TEACHER'S CORNER

Show the pictures of various parts of the computer to the students and ask them to name those parts.