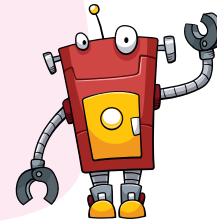




Computer and its Uses

Learning in this chapter

- ❁ What is a Computer?
- ❁ Uses of Computer
- ❁ Features of Computer
- ❁ Types of Computers



What is a Computer?

A computer is an electronic machine like a television, CD player and a mobile phone. It helps to make our work easy and saves our time. It can solve different problems.



Television



CD player



Mobile phone



What a computer does?

- A computer works very fast and does large calculations in seconds.
- Computer does not make any mistake.
- A computer does not get tired.
- A computer cannot take its own decisions.
- A computer does many kind of work at the same time.



Types of Computers

These are different types of computers that people commonly use.

Desktop Computer

- This is a Desktop Computer.
- These computers are placed on a desk and are big in size.
- We cannot carry them along for use.



Desktop Computer

Laptop Computer

- This is a Laptop Computer.
- These computers are small in size and light weight. It can be kept on our lap.
- They can be easily carried along.



Laptop Computer

Tablet

- This is a Tablet.
- Tablets are smaller than laptop computers.
- They operate on touch and are easy to carry around.



Tablet

Do you
Know?

Desktop Computers draw electricity from the wall sockets. Laptops and tablets can operate on the rechargeable batteries.



Smart Gadgets

Many modern gadgets like Smart phones, smart watches, smart televisions and gaming consoles can also work like computers.

We can use them to access the Internet, do calculations, play music, movies and games and so on.



Smart phones



Smart televisions



Smart watches

Activity

Tick (✓) the child who is using a laptop computer :



Features of a Computer

Computer is a wonderful machine. It has many special features.

1. **Storage** : Computer has a very large memory. It can store a lot of information.
2. **Time** : Computer works very fast. Computer can do many tasks at the same time. It can play music, print documents and send an email, all at the same time.



3. **Accuracy** : Computer never makes mistakes. It always gives accurate results.
4. **Work Process** : Computer does not get tired and can work for long hours.
5. **Decision** : A computer can not take its own decisions. We need to tell it what to do by giving it commands.
6. **Feelings** : A computer does not have any feelings.



Uses of Computer

Computer is a very useful machine. It is used in different places to do different things. Let us see few examples :

At Homes : We use computers at homes for different purposes.



- We use computer to listen to music, watch movies and to play games.
- To calculate monthly expenses.
- To purchase items from home.

Do you Know?

Purchasing items from home using computer is known as online shopping.

Schools : Computer serve both school staff and students in this work school use computers :

- to prepare report cards.
- to make time tables.
- to solve sums quickly.
- to teach maths, science and other subjects.
- to draw pictures.

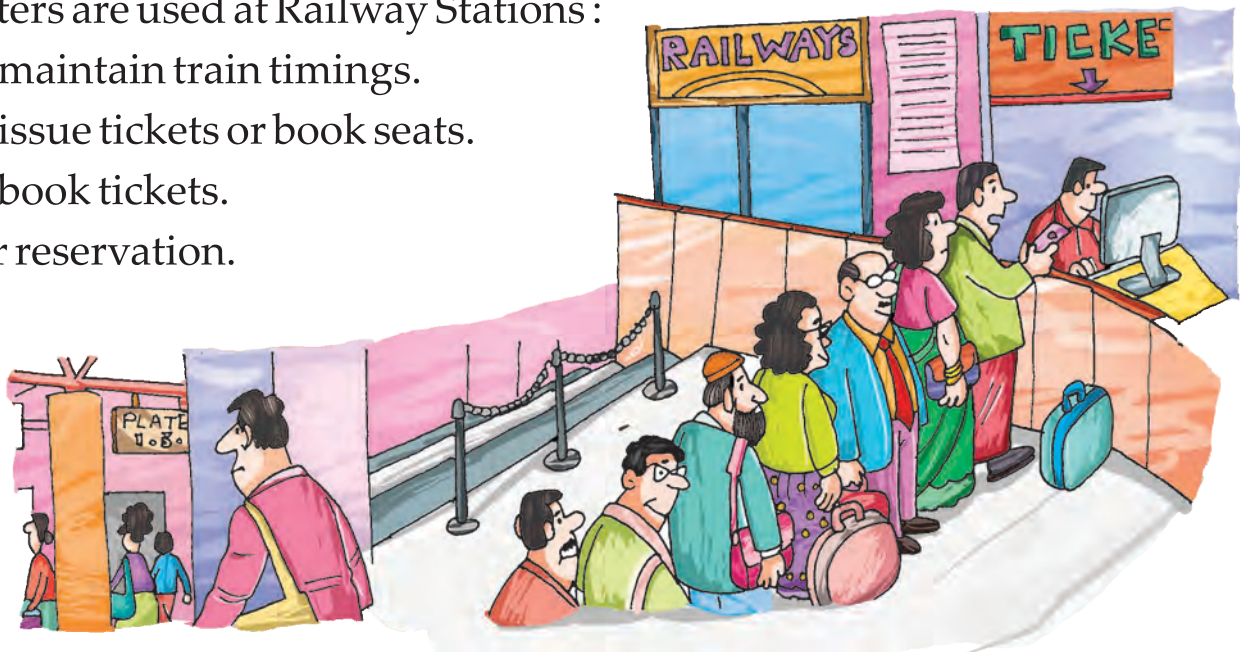




Railway Stations:

Computers are used at Railway Stations :

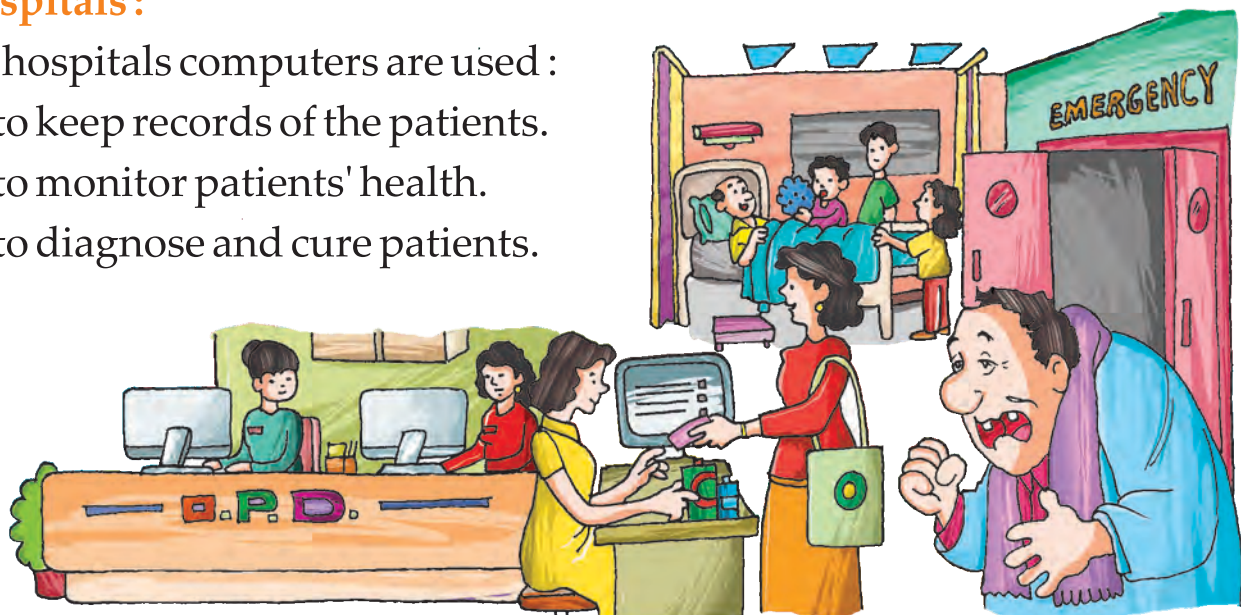
- to maintain train timings.
- to issue tickets or book seats.
- to book tickets.
- for reservation.



In Hospitals:

In the hospitals computers are used :

- to keep records of the patients.
- to monitor patients' health.
- to diagnose and cure patients.



Libraries :

In a library computers are used :

- to keep details of books.
- to keep details of library members.



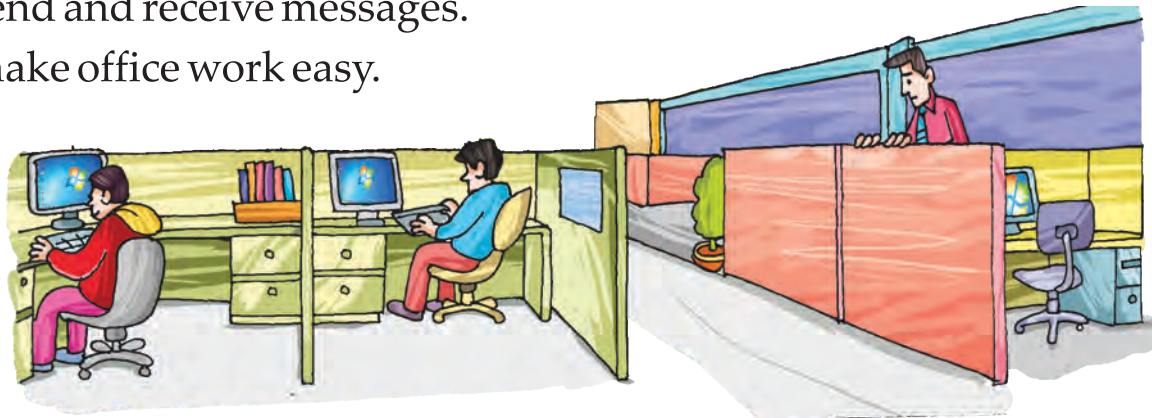
Offices :

Computers are used in the offices :

- to create files.
- to make designs of projects.
- to send and receive messages.
- to make office work easy.

Do you
Know?

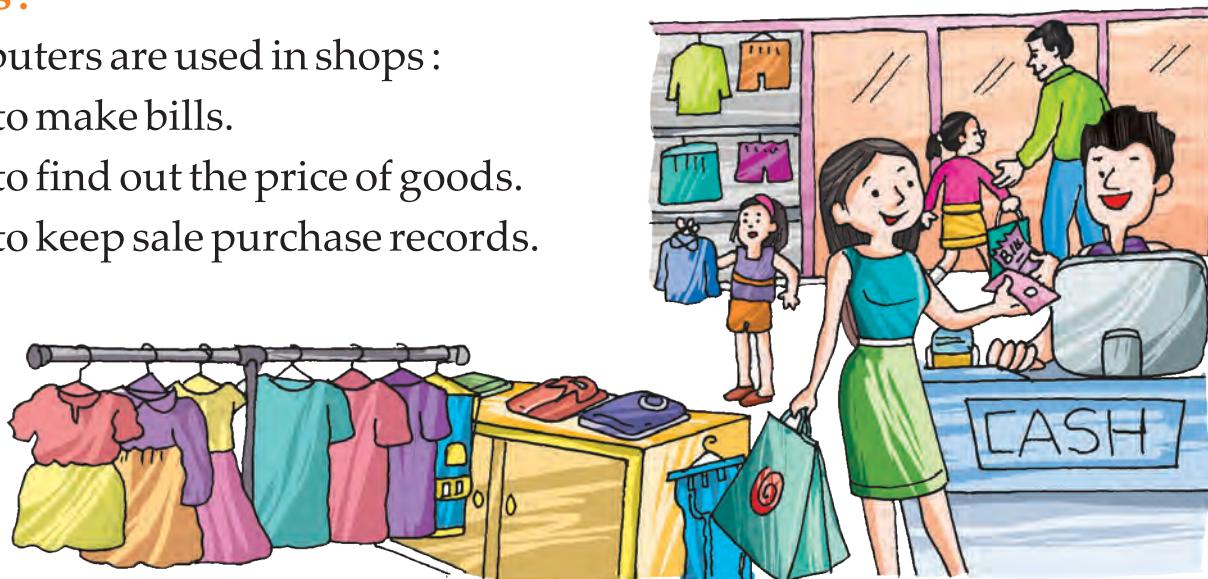
The process of sending message through computer is known as e-mail.



Shops :

Computers are used in shops :

- to make bills.
- to find out the price of goods.
- to keep sale purchase records.



Banks:

Computers are used in banks :

- to keep details of bank accounts.
- to take out money from ATM.
- to print bank statements or pass books of account holders.



Remember

- ATM stands for Automatic Teller Machine.

Activity

Names of some places where computer is used are given in a jumbled form. Unjumble them and write them in the blanks :

1. LBIARRY _____
2. OHSIPATL _____
3. FICEOF _____
4. SHCOLO _____
5. RIALAWY SATTION _____



POINTS to Recall

- Computer is a machine which makes our work fast and easy.
- Desktop, laptop and tablet are different types of computers.
- A computer has many special features like it works very fast, never makes mistakes, has large memory, can do many things, etc.
- Computer is used at different places like homes, schools, railway station, library, offices, etc. for doing different kinds of things.



TERMS to Learn

- **Storage** : Refers to the capacity of computer to store information.
- **Reservation** : Advance booking in trains, buses or planes and rooms in hotels.



Multiple Choice Questions :

A. Tick (✓) the correct answer :

- Computers help in _____ of tickets at railway stations.
 - Operation
 - Storing
 - Reservation
- Which is not a feature of the computer?
 - Storage
 - Slow speed
- Where is a computer used to keep the patients' details?
 - Hospitals
 - Schools
- Where is a computer used for booking tickets?
 - Railway station
 - School

B. Fill in the blanks using the given hints :

HINTS: ATM, Information, Accurate, Messages, Laptop, Desktop

- In office computers are used to send and receive _____.
- A _____ computer is kept on desk.
- A computer can store a lot of _____.
- Computer always gives _____ results.
- _____ is used to withdraw money.
- A _____ is a portable computer that we can carry anywhere.

C. Write (T) for True and (F) for False statements :

- Computer is used in shops for printing tickets.
- Computers can do many things at the same time.
- Computers can work on their own.
- Computers can make mistakes like humans.
- A laptop computer can operate on its battery.

D. Guess, who am I?

- I am a bigger computer.
You keep me on a Desktop.



2. I am a smaller computer with touch screen interface.



3. I am a small computer. You can put me in your lap.



4. I am a phone and a computer. You can carry me anywhere.



E. Colour each box on the right with the colour of the matching box on the left :

A
Homes
Schools
Railway stations
Hospitals
Libraries
Offices
Banks

B
To keep details of books
To play games
To make time tables
To create files
To keep details of bank accounts
To keep records of the patients
To book tickets

F. Very Short Answer Questions :

1. What is a Computer?

2. What is online shopping?

3. Write two features of the computer.

a. _____ b. _____

G. Short Answer Questions :

1. Write any two things that a computer does.

2. What is the use of computers in schools?



Activity Time

A. Complete the crossword puzzle by completing the names of different types of computers:



D S T P



B

S M L T P O E



P
O



B. Draw lines to match the features of computers with its picture :

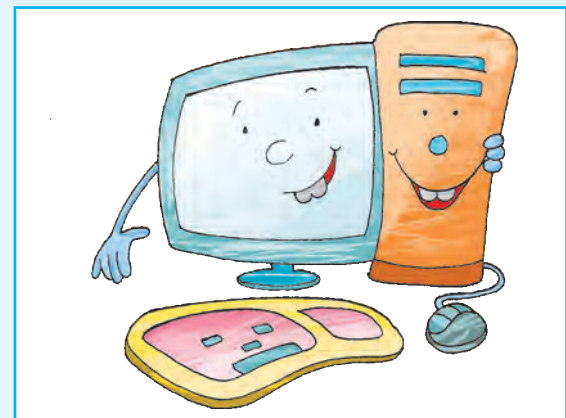
Works very fast

Makes many mistakes

Does not get tired

Has a large memory

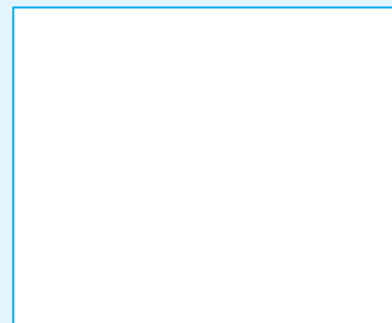
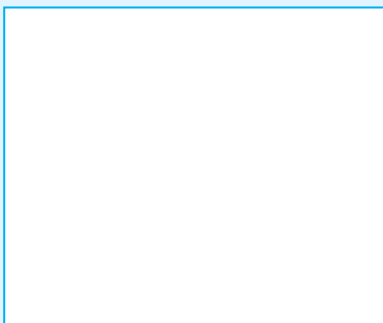
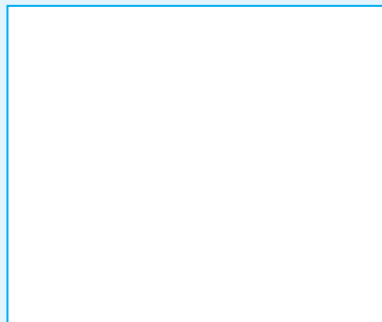
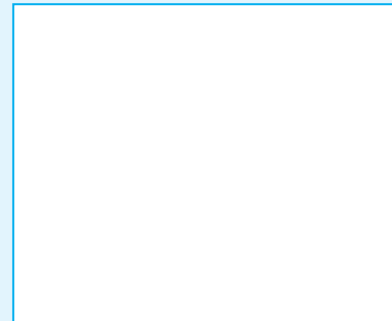
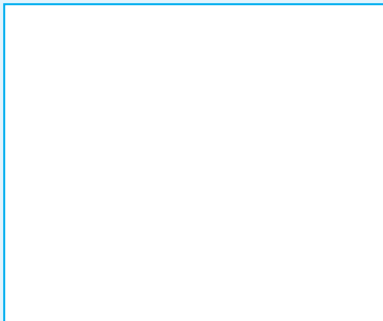
Can work on its own





Lab Activity

1. Collect 5 pictures related to the use of the computers at different places by different people. Paste them in the space given below.



2. Prepare a chart describing features of a computer. Also state some limitations of the computer in the chart.



For Teacher's

1. Encourage students to observe how computers are being used by people whenever they visit different places with their parents or elders.
2. Open the web page www.childsplay.sourceforge.net and download Childsplay (an educational activities software) for Windows. Install it on the computer and help the children to play various games which are intended to enhance their mouse, keyboarding, logical thinking and reasoning skills. etc.