

1

Know Your Computer

LEARNING OBJECTIVES

You will learn about:

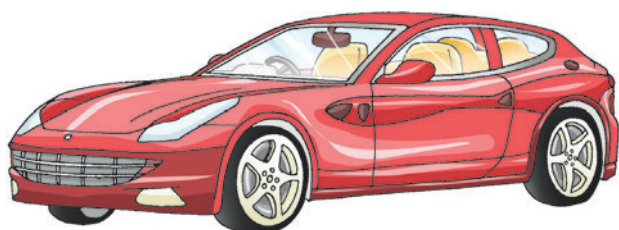
1. machines
2. computer being a machine



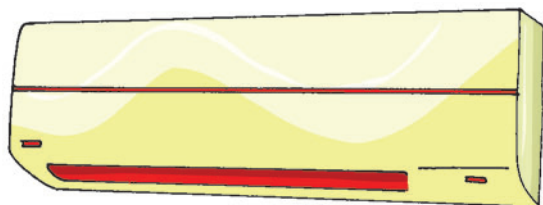
Machines

Machines are **man-made** things that help us to do work. Machines help to do the work **faster**. They make our work **easy**. Machines also **save time and energy**.

Here are some machines that you use:



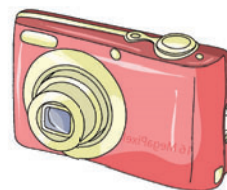
A **car** takes you from one place to another.



An **air conditioner** keeps the room cool.



A **refrigerator** keeps food cold and fresh.



A **camera** helps you to take photographs.

A Computer is a Machine

A **computer** is also a machine. It runs on **electricity**. It works very fast. It helps us save time and energy.

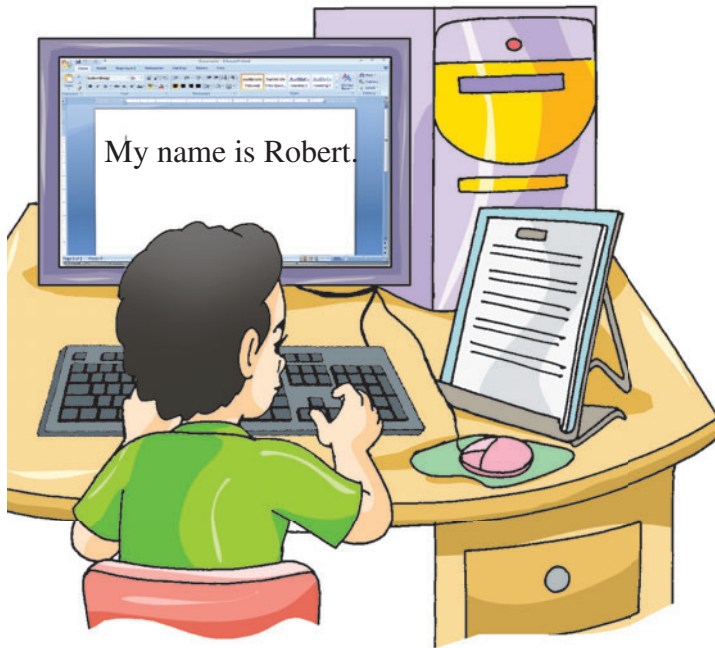


A computer can be used to do many things.



You can **draw pictures** on a computer.

You can **solve sums** on a computer.



You can **write** on a computer.



You can **play games** on a computer.



You can **listen to music** on a computer.



You can **store** a lot of things on a computer.

ACTIVITY

A. Look at the pictures carefully. Color the box blue if it is a machine. Color the box orange if it is not a machine.

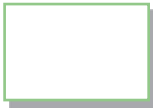
1.



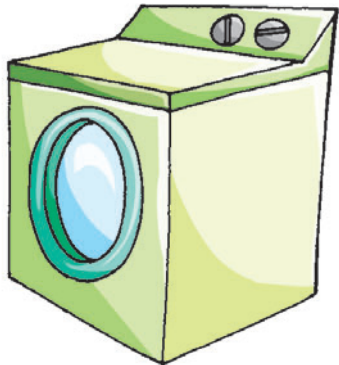
2.



3.



4.



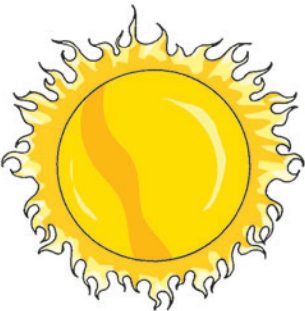
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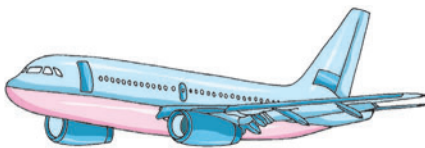
6.



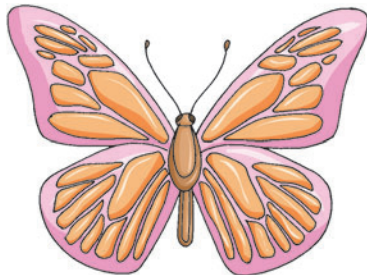
7.



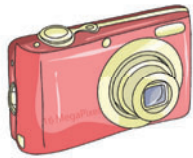
8.



9.



B. Look at the pictures carefully. A letter is missing in the word given below each picture. Fill in the missing letters.



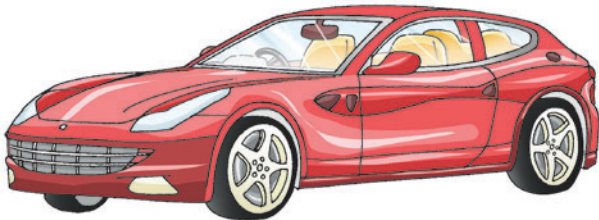
1. AMERA



3. CO PUTER



2. MU IC



4. C R

FACT FILE



The computers you see at home and in your Computer Lab easily fit on a table. But the first computers were so big that they would take up the entire space of a large room.

GLOSSARY

Computer: It is a machine that runs on electricity and helps you draw and color pictures, solve sums, listen to music and much more.
Machine: It is a man-made thing used to make our work easy.

NOW YOU KNOW

- 1. Machines make our work easy.
- 2. Machines save our time and energy.
- 3. A computer is a machine.
- 4. A computer runs on electricity.
- 5. We can do a lot of work on a computer.







EXERCISE

A Fill in the blanks with the correct word.

Games Man-made Sums Cold Energy Machine

- 1. Computer is a
- 2. Machines save your time and
- 3. You can play on a computer.
- 4. You can solve on a computer.
- 5. A refrigerator keeps food and fresh.
- 6. Machines are things.

B Read the sentences given below carefully. Color the circle **green** for the correct sentence. Color the circle **red** for the sentence that is incorrect.

- 1. A computer can remember things. 
- 2. When a computer does a lot of work, it gets tired. 
- 3. A computer does the work faster. 
- 4. A computer helps you save time. 
- 5. You can write on a computer. 
- 6. A computer feels hungry after working for a long time. 

C Match the following.

1. It keeps the room cool.

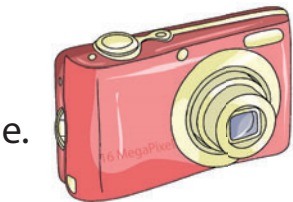
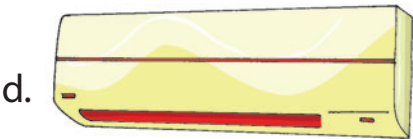
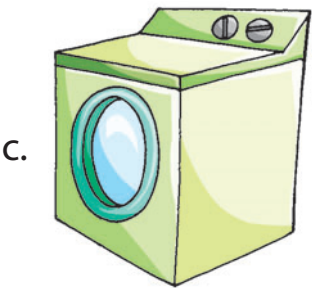
2. It keeps the food cold and fresh.

3. You can watch movies on this.

4. It helps you to take photographs.

5. It helps you to wash your clothes.

6. It takes you from one place to another.



D Circle the correct option.

- 1. A computer **is** / **is not** a machine.
- 2. A computer **gets** / **does not get** tired.
- 3. You can draw on a **computer** / **calculator**.
- 4. A computer **runs** / **does not run** on electricity.
- 5. Machines **save** / **do not save** your time.

E Color the task that a computer can do for you.

Play games

Play music

Eat food

Draw pictures

Wash clothes

Drink water

LAB WORK

- A. Ask your teacher to take you around the school. Make a list of the machines that you see in your school.
- B. Prepare a list of machines present at your home and write one use of each.

TEACHER'S NOTES

- 1. Bring placards of various commonly used machines and ask the students to identify them.
- 2. Demonstrate to the students how machines powered by electricity save time and energy.

2

Parts of a
Computer

LEARNING OBJECTIVES

You will learn about:

the basic parts of a computer – the monitor, the CPU, the keyboard, the mouse, the printer and the speakers



In the first chapter, you read that a computer is a **machine** that makes your work easy. It can do things faster. Let us now learn about the **parts of a computer**.

As you can see in the picture, a computer is made up of several parts.



Computer System

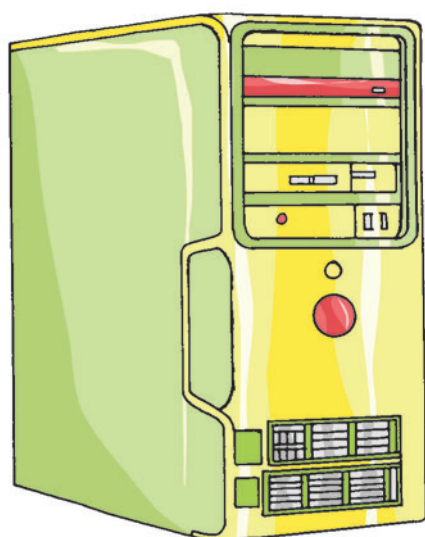
Monitor

A computer monitor looks like a television. The monitor shows whatever you type or draw on a computer.

You can also see movies on it.



Monitor



CPU

CPU

CPU stands for **Central Processing Unit**. The CPU is the most important part of a computer. It is the brain of a computer. It stores information. The CPU makes all the parts of a computer work.

Keyboard

A keyboard has many buttons. These are called **keys**. The keys are used to type numbers and words.

You can see the effects on the monitor whenever you type on the keyboard.



Keyboard