

Chapter 1

Lets Learn About Computers

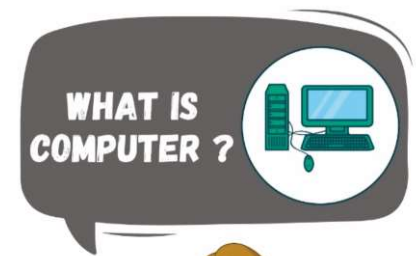
What is Computer -

Computer is derived from a Latin word "**computare**" or in very general "**Computation**".

Computer = "A machine which Computes"

Computare or Computation means

- "**to calculate**",
- "**to count**", and
- "**to solve something**".



Definition:

A computer is a very clever machine that can do lots of things. It can help us solve problems, draw pictures and do math, like counting how many toys we have.

It does all these things faster and more efficiently than humans.



A computer uses its "**camera eyes**" to take pictures of toys. Then, it looks closely at the pictures and figures out how many toys there are by seeing their shapes and colors.

Fun Facts: Computer sees the world as if it is made up of two numbers (**Binary Numbers: 1 & 0**).

Where are Computers Used -



USES OF COMPUTER

Using a computer can help us *do things faster* and *learn new things* by showing us **pictures**, **videos**, and **games**.

It's like having a really smart friend who can help us with lots of things.

Computers are used in many places today !
You can find them at :

- Homes
- Schools
- Offices
- Hospitals
- Stores
- Banks
- Entertainment
- Cars
- And many more places...





“At Home”

People use computers for playing games, watching videos, and doing homework.

“At School”

Teachers and students use computers for learning, research, and creating projects.



“At Offices”

Employees use computers to do jobs like writing emails, making presentations, printing and keeping track of information.

“At Hospitals”

Doctors use computers to keep track of patients' health records and for important medical research.



“At Stores”

Computers help with things like keeping track of inventory, billing and making sure there's enough of what people want to buy.

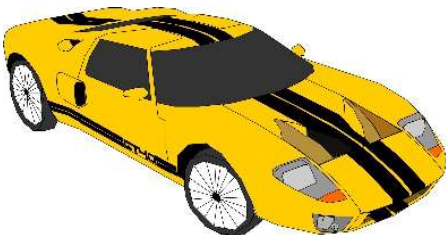


“At Banks”

Computers help us with banking, like checking our account balance and transferring money.

“For Entertainment”

Computers are used for watching movies, playing music, and even creating special effects in movies and video games



“In Cars”

Modern cars have computers to help with things like directions, safety features, and engine performance.

So, computers are like helpful friends that are almost everywhere, making things easier and more fun!



Computer Helps you -

To solve problems quickly	Computers are like super problem-solvers! For instance, if you want to know how many cookies you need for a party, a computer can figure it out really fast.
To do complex calculations	A computer can do really hard math problems that are too difficult for a normal calculator. For example, a computer can help us figure out how long it would take to travel to the moon and back.
To do homework	If you have homework about animals, a computer can show you videos and information to make learning more exciting. It's like having a clever study buddy!
To draw pictures	Do you Want to draw a picture of a colourful rainbow? Well, Computers have special tools that make drawing fun and easy. You can create your own magical world on the screen!
To get work done	We can use a computer to help us with lots of tasks, like writing a letter, making a budget, or organizing our schedule
To have fun	We can use a computer to play games, watch videos, or listen to music
To learn new things	Suppose you're curious about dinosaurs or outer space. With a computer, you can explore the internet and learn all sorts of amazing facts about your favourite subjects.
To talk to others	If your grandparents live far away, a computer lets you see and talk to them on the screen. It's like having a virtual visit with your family, even when they're not right next to you.