



# More About a Computer

## Learning Objectives

- Understand the differences between humans and computers.
- Learn about various types of computers.
- Discover where computers are used.
- Recognize that computers need humans to work.

## Warm-up Activity

Creative Thinking NEP 2020

What is an electronic device that helps us do many tasks like writing, drawing, and playing games? Circle the correct picture.



In this chapter, we will explore how computers are different from humans, the various types of computers, and the many places where they help us every day.

## Computers and Humans

Humans tell computers what to do by giving them instructions. Without these instructions, computers are not smart. However, computers have special abilities that make them different from humans.

## Working Non-stop

Computers can work all the time without getting tired, unlike humans who need to rest. They can also do jobs quicker than humans.



## Making Decision

While humans can decide for themselves, computers cannot make decisions without being programmed.

## Feeling and Remembering

Unlike humans, computers don't have feelings and they don't forget things they have stored.



## Doing Things Correctly

Humans might make mistakes, but computers do tasks perfectly if they are given the right instructions.



## Needing Instructions

Computers can't do tasks by themselves; they need humans to tell them what to do.



### Intext Question

Conceptual Understanding NEP 2020

1. Can a computer make decisions by itself?
2. Why do computers need humans?

## Different Types of Computers

There are several types of computers, like desktops, laptops, tablets, and smartphones.

- **Desktops** are usually placed on desks and used in homes, schools, and offices.



- **Laptops** are portable and smaller than desktops.



### Did You Know?

Smartphones are actually powerful computers that fit in your pocket.



### Did You Know?

The first electronic computer was created in the 1940s.

- **Smartphones** let you make calls, surf the internet, take photos, and use apps.



- **Tablets** are like big smartphones that you can hold in your hands.



## Fun Time

Art integration NEP 2020

Draw your favourite electronic device and label its parts. Is it a type of computer? Share with your classmates why you like it.

## Where We Use Computers

Computers are everywhere!

- **Offices** use them for documents, records, and emails.



- **Schools** help teachers and students with learning.

- **Homes** are places for homework, entertainment, and online shopping.





- **Hospitals** monitor patients and store medical information.
- **Police Stations** track and identify criminals.



- **Transport Hubs** (bus stops, stations, airports) manage tickets and schedules.



- **Shops and Malls** create sales bills and keep stock records.



- **Banks** keep account records and manage transactions.

- **Publishing Houses** print newspapers, magazines, and books.



- **Photo Studios** and the film industry use computers for editing and creating animations.





## Activity

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Find the different places where computers are used in the grid and write them in the blanks given below.

1. ....
2. ....
3. ....
4. ....
5. ....
6. ....

S	C	H	O	O	L	S	H	B
A	G	G	J	L	D	K	O	A
S	H	O	P	S	V	Z	M	N
Q	V	W	F	H	C	K	E	K
O	F	F	I	C	E	S	J	S
B	D	H	J	K	L	O	I	U
H	O	S	P	I	T	A	L	S
Z	A	S	D	E	T	U	O	J



## Chapter Recap

- Computers are faster but can not make decisions or feel.
- They remember everything and do tasks accurately.
- We use different types of computers for different tasks.
- Computers are used in many places in our daily lives.



## Exercises

Conceptual Understanding NEP 2020

### A. Tick (✓) the correct option.

1. What do humans need to do to make computers work?
  - a. Talk to them ☐
  - b. Give them instructions ☐
  - c. Charge them ☐
2. Which of these is not a type of computer?
  - a. Laptop ☐
  - b. Smartphone ☐
  - c. Television ☐
3. Where are desktop computers usually placed?
  - a. In your pocket ☐
  - b. On desks ☐
  - c. Outside ☐
4. Which of the following can't computers do by themselves?
  - a. Make decisions ☐
  - b. Work non-stop ☐
  - c. Remember things ☐

**B. Fill in the blanks with the correct words.**

Smartphones, humans, all the time, feelings

1. Computers can work ..... without getting tired.
2. Unlike humans, computers don't have .....
3. .... let you make calls and surf the internet.
4. Computers need ..... to tell them what to do.

**C. Write T for true and F for false statements.**

1. Computers can make decisions by themselves.
2. Desktops are portable.
3. Schools use computers to help with learning.
4. Computers forget things easily.

☐  
☐  
☐  
☐

**D. Answer the following questions:**

1. What do computers need to operate?

.....

2. Name a portable computer.

.....

3. Where do we commonly use desktops?

.....

4. What can't computers have?

.....



**Puzzle Time**

Which of these is a portable type of computer?



**Critical Thinking** NEP 2020



## Computer Lab Activity

Experiential Learning NEP 2020

With the help of your teacher or parents, open Calculator on your computer and perform the simple calculations given below.

1.  $25 + 15$  = .....
2.  $20 + 16 + 4$  = .....
3.  $100 - 30$  = .....
4.  $60 - 17$  = .....



## Helping Hand

Life Skills NEP 2020

Smirti lives near a shop. The shop owner spends a long time writing bills by hand. Smirti thinks a computer might help. Can you guess why?



## Web Link

Deepen Your Learning NEP 2020

[www.youtube.com/watch?v=dDhJr336mAM](https://www.youtube.com/watch?v=dDhJr336mAM)

## Teacher's Note

Learning Support NEP 2020

Encourage students to explore different types of computers and devices at home or in school and share their experiences with the class.