

# INFORMATION AND COMMUNICATION TECHNOLOGY SKILLS

Class IX , Ch-3 Information and Communication  
Technology Skills: I ( IT #402)

Session 2: ICT Tools: Smartphones and  
Tablets — I

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## Learning outcome of this Session

After completing this session, you will be able to

- demonstrate the knowledge of the uses of ICT tools, such as smartphones and tablet.
- differentiate between smartphones and tablets.

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# Smartphones

- Smartphones are now being used to stay connected with social media and exchange information.
- Smartphones are also called mobile phones as you can use them anywhere — at home, in office or on the road . They do not need a telephone line. They use wireless (mobile) networks to make calls and to connect to the Internet. Some of the popular operating systems for smartphones are Android OS, Apple iOS and Windows Mobile.
- You can make calls and do things that you normally do using a computer, such as browsing the web, sending e-mails, making video calls, playing games, listening to music, watching movies and much more.



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# Tablets

- A tablet is a mini computer with input, output and processing functions that are all combined into one 'touchscreen', where you can do various tasks just by touching its screen.
- It is bigger than a smartphone and you can perform all the functions that one can perform on a computer or a smartphone.



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# TV and Radio

- TV and radio are being used as an ICT tool since a long time
- Radio is used to broadcast audio while TV is used to broadcast audio visual information to many people
- Radio and TV are used for both entertainment and to learn new things You can hear news, songs, stories, speeches, cricket commentary, etc. on radio, while TV is used for watching movies, news, weather forecast, songs, cartoons and educational lectures.



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# Applications or Apps

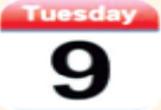
- How does a smartphone perform so many functions? It does so with the help of software applications(Apps)
- On the screen of a Smartphone or Tablet, you see a lot of small pictures (or 'icons'). If you touch these, they start programs or functions required for watching movies, playing games, using camera, etc.
- Apps are software programs (a set of instructions, or a set of modules or procedures, that allow for a certain type of computer operation) that perform different functions.
- Some of the apps are already present on the phone or tablet. These are called “default” apps. Besides, there are hundreds of other apps that can be purchased and downloaded or downloaded free of cost from online stores. There are several online stores, including Google Play Store for Android and Apple App Store for Apple.



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# Commonly found applications

Some of the default Apps installed on smartphones and simple mobile phones

	<p><b>Phone:</b> This app is used to make calls. It also stores the names and phone numbers of people you know.</p>		<p><b>Camera:</b> Connects to the camera in the phone and takes photos and videos.</p>
	<p><b>Calendar:</b> Shows a calendar and you can also enter appointments, reminders, etc.</p>		<p><b>Mail:</b> An e-mail app to send and receive e-mails using your E-mail account in Gmail, Yahoo, Outlook, etc.</p>
	<p><b>Photos:</b> This helps you store all your photos and video and arrange them into albums.</p>		<p><b>Clock:</b> This shows the time and also sets alarm, timers, etc.</p>
	<p><b>Maps:</b> This app helps you find directions to where you want to go. It uses GPS (Global Positioning System)</p>		<p><b>Messages:</b> This is for sending and receiving SMS messages.</p>
	<p><b>Web Browser:</b> This allows you to open a browser to search and visit different websites.</p>		<p><b>Music:</b> This allows you to play and listen to songs and music.</p>
 <p>Google Play</p>	<p><b>Google Play store:</b> This is the Google store from where you can get apps like Facebook, WhatsApp, etc. Some apps are free while some are paid ones.</p>		<p><b>Apple Store:</b> As Android smartphones have a Google Playstore, similarly, Apple devices have an Apple store where you can download and use various apps.</p>

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# Difference between a smartphone and a tablet

## Smartphone vs. Tablet

	 <b>Smartphone</b>	 <b>Tablet</b>
Main usage	As a phone but with some additional features, such as camera. The majority of smartphones run on Apple iOS or Google Android but others use Windows Phone or BlackBerry OS.	As a wireless portable personal computer with a touchscreen interface which makes it more useful than the notebook computer. Some tablets use Android OS, others use Apple iOS or Windows OS.
Screen size	Screen size is smaller	Has a bigger screen
Photos and videos	Watching a movie or making changes to a picture is difficult	Watching videos and making changes to a photo is better and easier due to bigger screen size
Battery life	You need to charge phones more often	Usually have a longer battery life
Storage	Comes with different storage capacities, but phones with high storage are costly	Usually have higher storage capacity, i.e., they can store more pics, videos and Apps

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# Quick Recap of this Session

In this session, you have learnt about the knowledge of the uses of ICT tools, such as smartphones and tablet and differentiate between smartphones and tablets



## Some of the default Apps installed on smartphones and simple mobile phones

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	<b>Calendar:</b> Shows a calendar and you can also enter appointments, reminders, etc.		<b>Mail:</b> An e-mail app to send and receive e-mails using your E-mail account in Gmail, Yahoo, Outlook, etc.
	<b>Photos:</b> This helps you store all your photos and video and arrange them into albums.		<b>Clock:</b> This shows the time and also sets alarm, timers, etc.
	<b>Maps:</b> This app helps you find directions to where you want to go. It uses GPS (Global Positioning System)		<b>Messages:</b> This is for sending and receiving SMS messages.
	<b>Web Browser:</b> This allows you to open a browser to search and visit different websites.		<b>Music:</b> This allows you to play and listen to songs and music.
	<b>Google Play store:</b> This is the Google store from where you can get apps like Facebook, WhatsApp, etc. Some apps are free while some are paid ones.		<b>Apple Store:</b> As Android smartphones have a Google Playstore, similarly, Apple devices have an Apple store where you can download and use various apps.

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# Home Assignment

## A. Short answer questions

1. Identify the following symbols and write the name in the blank space.

a.		
b.		
c.		
d.		
e.		
f.		

2. Write any two differences between a smartphone and a tablet.

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# THANKING YOU

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