

INFORMATION AND COMMUNICATION TECHNOLOGY SKILLS

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

Session 3: ICT Tools: Smartphones and
Tablets — II

By: GITASHREE NAYAK

Mob No.:9439656911

CHANGING YOUR TOMORROW

Learning outcome of this Session

After completing this session, you will be able to

- identify various parts of a mobile device and list their functions.
- list the important features of a mobile device.

CHANGING YOUR TOMORROW

Mobile Device Layout

Some of the basic controls you see on mobile device are as follows:

- **Power button:** This is used to start and shut down a mobile device.
- **Screen:** A screen on which we perform functions by touching with our fingers.
- **Back button:** You use the Back Button to go back to the previous screen in an application.
- **Microphone:** This is present at the bottom of the mobile and we speak into the microphone when we talk to someone.
- **Menu button:** This is used to show the options available in a particular app. This may not be present in all mobile devices.
- **Home button:** This brings you back to the Home Screen from wherever you are in your mobile, whether you are on another page or using an App.
- **Earpiece:** This helps you to listen to voice calls.
- **Volume button:** This helps you to increase or reduce the sound of your mobile.



Basic Controls of a Mobile

CHANGING YOUR TOMORROW

Basic features of a mobile device

	Bluetooth: This is a short-range wireless technology which helps you connect with other devices that are within 30 feet of where you are. Once connected, you can send messages and songs.
	Chargeable Battery: This is a portable power pack which can be recharged. It allows you to use the device anywhere.
	Wi-Fi: This is a wireless network technology that helps you connect to the local area network. This is used to connect to the Internet and work with e-mails, social media and anything to do which requires internet.
	Touch Screen: The output display of a mobile device is a touch screen. This helps you to run apps and type anything into the mobile by simply touching different areas of the screen with your finger.
	Camera: Smartphones and Tablet have a front and back camera to capture pictures and videos.
	Clock: Every mobile device has a clock which can be set according to the time in your country.
	Cellular network connectivity: This provides the network through which you can make calls.
	Global Positioning System: It is a navigation (direction finding) system that helps you to navigate, find direction and maps to specific locations.

CHANGING YOUR TOMORROW

Home screen of a mobile device

The home screen is the first (start) screen of a mobile device.

- There are three main parts of the home screen.



The top part of the screen is called the **Status Bar**. It displays icons to show network signal, battery life, Wi-Fi and Bluetooth connectivity, 3G/4G status etc.

This is the main part of the screen that consists of icons / shortcuts to the applications. These can be placed anywhere you want. There can be several pages depending on the number of apps present.

This is the lower part of the screen which is called the **Dock**. The apps in this area can always be seen even if we move to a different page.

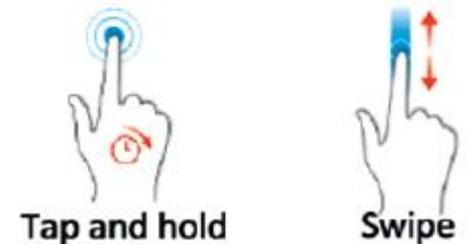
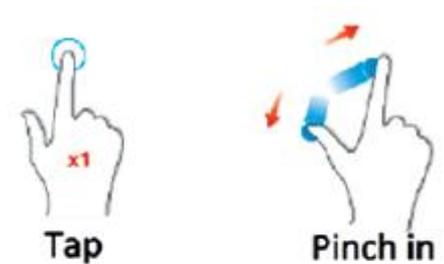
CHANGING YOUR TOMORROW

Basic gestures used

- Gestures are used to interact with the touchscreen of your mobile device.
- For example, instead of clicking a mouse to open an App, you tap on the touchscreen.

Some of these gestures' are as follows:

- **Tap:** Touch the screen with your finger, once, to click.
- **Tap and hold:** This is similar to right-clicking your mouse.
- **Drag:** To tap, hold and move your finger across the screen.
- **Swipe:** To slide finger to the right, left, up or down of the screen like turning a page.
- **Double tap:** To tap twice quickly this is to zoom out (increase the size of) of something. For example, to make a word appear bigger.
- **Pinch:** To bring thumb and finger together on the screen to zoom in (reduce the size). For example, to make a picture appear smaller.



Basic gestures

CHANGING YOUR TOMORROW

Quick Recap of this Session

In this session, you have learnt about the various parts of a smartphone and the important features of a tablet and smartphone. You have also learnt about the basic user gestures available on a smartphone.

Basic Features of a Mobile Device

Bluetooth: This is a short-range wireless technology which helps you connect with other devices that are within 30 feet of where you are. Once connected, you can send messages and songs.

Chargeable Battery: This is a portable power pack which can be recharged. It allows you to use the device anywhere.

Wi-Fi: This is a wireless network technology that helps you connect to the local area network. This is used to connect to the Internet and work with e-mails, social media and anything to do which requires internet.

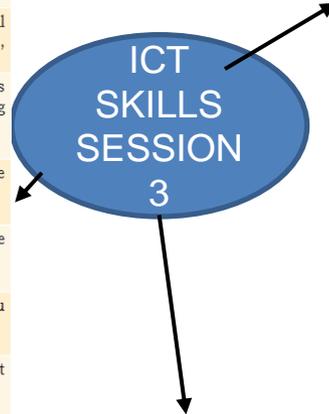
Touch Screen: The output display of a mobile device is a touch screen. This helps you to run apps and type anything into the mobile by simply touching different areas of the screen with your finger.

Camera: Smartphones and Tablet have a front and back camera to capture pictures and videos.

Clock: Every mobile device has a clock which can be set according to the time in your country.

Cellular network connectivity: This provides the network through which you can make calls.

Global Positioning System: It is a navigation (direction finding) system that helps you to navigate, find direction and maps to specific locations.



Some of the basic controls you see on mobile device are as follows:

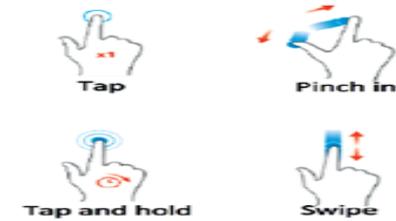
- **Power button:** This is used to start and shut down a mobile device.
- **Screen:** A screen on which we perform functions by touching with our fingers.
- **Back button:** You use the Back Button to go back to the previous screen in an application.
- **Microphone:** This is present at the bottom of the mobile and we speak into the microphone when we talk to someone.
- **Menu button:** This is used to show the options available in a particular app. This may not be present in all mobile devices.
- **Home button:** This brings you back to the Home Screen from wherever you are in your mobile, whether you are on another page or using an App.
- **Earpiece:** This helps you to listen to voice calls.
- **Volume button:** This helps you to increase or reduce the sound of your mobile.



Basic Controls of a Mobile

Some of these gestures' are as follows:

- **Tap:** Touch the screen with your finger, once, to click.
- **Tap and hold:** This is similar to right-clicking your mouse.
- **Drag:** To tap, hold and move your finger across the screen.
- **Swipe:** To slide finger to the right, left, up or down of the screen like turning a page.
- **Double tap:** To tap twice quickly this is to zoom out (increase the size of) of something. For example, to make a word appear bigger.
- **Pinch:** To bring thumb and finger together on the screen to zoom in (reduce the size). For example, to make a picture appear smaller.



Basic gestures

Home Assignment

A. Multiple choice questions

1. What is a short-range wireless communication technology called?
 - a) Wi-Fi
 - b) Internet
 - c) Bluetooth
 - d) PS
2. Which part of the home screen is visible on all pages?
 - a) Status bar
 - b) Main icon area
 - c) Dock
 - d) Clock
3. What does GPS stand for?
 - a) Global Positioning System
 - b) Global Payment System
 - c) Global Program System
 - d) Global Pointing System

CHANGING YOUR TOMORROW

THANKING YOU

ODM EDUCATIONAL GROUP