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Get Started

The following topics give you all the information you need to set up your phone and the service the first time.

Your Phone at a Glance

The following illustration outlines your phone’s primary external features and keys.
Key Functions

- **Proximity/Light sensor** detects how close an object is to the surface of the screen. This is typically used to detect when your face is pressed up against the screen, such as during a phone call.

- **Touchscreen** displays all the information needed to operate your phone. Use finger gestures to navigate and interact with items on the screen. In Underwater Mode, the touch operation will be disabled.

- **Recent key** displays thumbnail images of apps you have recently accessed.

- **Speakers** let you hear different ringtones and sounds. The speakers also let you hear the caller’s voice in speakerphone mode.

- **Back key** lets you return to the previous screen, or close a dialog box, options menu, the Notifications panel, or onscreen keyboard.

- **Home key** returns you to the Home screen. Press and hold to open the Google search app.

- **Earpiece** lets you hear the caller and automated prompts.

- **Front camera** takes pictures and records videos while facing the screen, and allows you to video conference.

- **LED indicator** displays a phone notification, charging status, or alert.

- **Secondary microphone** suppresses background noise improving audio quality for the other party during voice calls. In speakerphone mode, it is used as a main microphone.

- **Headset jack** allows you to plug in an optional headset for convenient, hands-free conversations or for listening to music.

- **Speaker key** lets you place or receive calls in speakerphone mode or turn the speakerphone on and off during a call.

- **Primary microphone** transmits your voice for phone calls and is used for voice-activated functions. It is disabled in speakerphone mode.

- **Charger/USB port** allows you to connect the phone and the micro-USB cable for use with the charger adapter, or other compatible accessories.

**CAUTION!** Inserting an accessory into the incorrect jack may damage the phone.

- **Programmable key** allows you to assign a frequently used function for quick access. See Programmable Key.
● **Volume key** allows you to adjust the ringtone or media volume when you are not on a call, or adjust the voice volume during a call.

● **Power key** lets you turn the phone on or off or turn the screen on or off, restart the phone, switch your phone to Airplane mode, or capture screenshots. The key also works as the fingerprint sensor.

● **SIM/microSD slots** (internal) allow you to insert a SIM card and a microSD card.

**Note:** microSD cards are sold separately.

● **Camera key** lets you activate the front camera, the back camera or the wide view camera.

● **Back camera** lets you take pictures and videos.

● **Flash** helps illuminate subjects in low-light environments when taking a picture or recording a video. It can also work as an LED flashlight. See [Flashlight](#).

● **Wide view camera** lets you take pictures and videos in wide angle.

● **Charging contacts** allow you to connect to a multi-bay battery charger that can charge multiple phones simultaneously.

---

**Set Up Your Phone**

You need to charge the battery to begin setting up your phone.

**Charge the Battery**

Fully charge the battery before powering on the phone.

**Important:** Unplug the AC adapter from the electrical outlet when not in use to reduce the environmental impact of charging.

1. Open the cover to the Charger/USB port on the bottom of the phone.
2. Plug the smaller end of the USB cable into the phone’s Charger/USB port.
3. Plug the other end of the USB cable into the AC adapter, and then plug the adapter into an electrical outlet. Be sure to use the AC adapter that came with your phone.
4. When charging is complete, remove the cable from the port and close the cover. Press around the edges of the cover to ensure that it is securely closed.

**Warning:** Be sure all ports and covers are properly sealed to maintain the phone’s waterproof capability.

---

**Insert the SIM Card**

Before you start using your phone, you will need to insert a nano SIM card.

**Warning:** Use only the nano SIM card included with your phone.

1. Remove the back cover by inserting your fingernail in the slit on the bottom of your phone and pulling away from the phone.

2. Open the SIM/microSD slot cover, as shown.

3. Insert the SIM card into the SIM card slot on the left, making sure the gold contacts are facing down and the cut-off corner is at the top left. Gently push the card in until it snaps into place.
4. Securely close the SIM/microSD slot cover.

**Warning:** Be sure the SIM/microSD slot cover is properly sealed to maintain the phone’s waterproof capability.

5. Replace the back cover. Press around the edges to ensure a proper fit.

**Warning:** Be sure all ports and covers are properly sealed to maintain the phone’s waterproof capability.

### Charge the Battery Wirelessly

Your phone supports the PMA standard via a wireless charging accessory (sold separately). Follow the steps below to charge your phone wirelessly.

1. Locate the charging area on your wireless charger by referring to the charger documentation.

2. Place your phone in contact with the charger, ensuring that the charging area of your phone touches the charging area of your wireless charger.
Before starting wireless charging, please note the following:

- If the charging areas are not touching, the charging results will be poor.
- Make sure there is nothing between your phone and wireless charger.
- Your phone may become hot while charging the battery.
- If charging doesn’t start after positioning your phone correctly, please use the AC adapter that came with your phone.

For more information on wireless charging, see your wireless charger documentation.

**Turn Your Phone On and Off**

The instructions below explain how to turn your phone on and off.

**Turn Your Phone On**

1. Press and hold the **Power key** until the screen lights up.

**Turn Your Phone Off**

1. Press and hold the **Power key** until the phone options are displayed.
2. Tap **Power off > OK** to turn the phone off.

**Restart Your Phone**

1. Press and hold the **Power key** until the phone options are displayed.
2. Tap **Restart > OK** to restart the phone.
Hard Reset

▸ Press and hold the **Power key** for about ten seconds. The phone shuts down and automatically starts up.

**Turn Your Screen On and Off**

Your phone allows you to quickly turn the screen off when not in use and to turn it back on when you need it.

**Turn the Screen Off When Not in Use**

▸ To quickly turn the screen off, press the **Power key**. Pressing the **Power key** again or receiving an incoming call will turn on your phone screen.

To save battery power, the phone screen automatically turns off after a certain period of time when left idle. You will still be able to receive messages and calls while the phone screen is off.

**Note:** For information on how to adjust the time before the screen turns off, see Sleep.

**Turn the Screen On and Start with Swipe**

1. To turn the screen on, press the **Power key** or **Home key**. The below screen appears by default.

**Note:** To set up a screen lock for security, see Lock Screen Settings.

2. On the screen, swipe ◀ toward:
to access the Home screen or the screen displayed before the phone was turned off.

- 📷 to launch the Camera app.
- 🔊 to launch the voice search function.

**Setup Wizard**

Your phone has a Setup Wizard to set up your phone quickly and easily. When you turn on your phone for the first time, the Setup Wizard starts automatically.

The Setup Wizard consists of the following sections:

- Select a language
- Insert SIM card (if it is not yet inserted)
- Select Wi-Fi network
- Google account setup

Follow the onscreen instructions to quickly set up your phone.

**Set Up Voicemail**

You should set up your voicemail and personal greeting as soon as your phone is activated. Always use a password to protect against unauthorized access. Your phone automatically transfers all unanswered calls to your voicemail, even if your phone is in use or turned off. See Voicemail for details.

1. From the Home screen, tap Apps 📲 > Phone > DIALPAD.
2. Touch and hold 1 to dial your voicemail number.
3. Follow the system prompts to:
   - Create your password.
   - Record your name announcement.
   - Record your greeting.

**Important:** Voicemail Password – It is strongly recommended that you create a password when setting up your voicemail to protect against unauthorized access. Without a password, anyone who has access to your phone is able to access your voicemail messages.
Phone Basics

Your phone is packed with features that simplify your life and expand your ability to stay connected to the people and information that are important to you. The following topics will introduce the basic functions and features of your phone.

Touchscreen Navigation

Your phone’s touchscreen lets you control actions through a variety of tap gestures.

- **Tap**: Tap the screen with your finger to select or launch a menu, option, or application. A light tap works best.
- **Touch and Hold**: To open the available options for an item (for example, a keyboard), touch and hold the item.
- **Drag**: Touch and hold your finger before you start to move it. Do not release your finger until you have reached the target position.
Swipe or Slide

To swipe or slide means to quickly drag your finger vertically or horizontally across the screen.

Flick

Flicking the screen is similar to swiping, except that you need to swipe your finger in light, quick strokes.

Pinch and Spread

Pinch the screen using your thumb and forefinger to zoom out, or spread the screen to zoom in when viewing a picture or a Web page. (Move fingers inward to zoom out and outward to zoom in.)

Rotate

For most screens, you can automatically change the screen orientation from portrait to landscape by turning the phone sideways. When entering text, you can turn the phone sideways to bring up a bigger keyboard. See Touchscreen Keyboards.

Note: Rotate the contents of the screen needs to be selected for the screen orientation to automatically change. From the Home screen, tap Apps > Settings > Display > When device is rotated.
Function Keys

Just below the touchscreen, you will find a row of three buttons that let you perform specific functions.

- Back key (◀) - Press to return to the previous screen, or close a dialog box, options menu, the Notifications panel, or onscreen keyboard.

- Home key (◯) - Press to open the Home screen.

- Recent key ( □ ) - Press to open a list of thumbnail images of screens you have worked with recently. To open one, tap it. To remove a screen from the list, swipe it left or right or tap on the X.

Your Home Screen

The Home screen is the starting point for your phone’s applications, functions, and menus. You can customize your Home screen by adding application icons, shortcuts, folders, widgets, wallpapers and more.
Home Screen Overview
The following illustration describes the basics of the Home screen.

- **Status Bar**: Displays the time, notification icons, and phone status icons. Slide down to display the Notifications panel. See Status Bar.

- **Widget**: Allows users to access various useful programs.

- **Google Search Widget**: Allows you to enter text or spoken keywords for a quick search on the phone or on the Internet. Tap to enter text or tap 🗣 to speak your keyword.

- **Folder**: Allows you to organize screen items. You can store multiple application icons as a group. See Use Folders.

- **Screen Position Indicator**: Indicates where you are among the Home screens. Tap an icon to select a Home screen.

- **Favorites Tray**: Contains up to five icons and appears on every Home screen. You can customize these icons except the Apps icon in the center of the tray.

- **Apps**: Displays all of your apps.

- **Shortcut**: Allows you to quickly launch applications.

**Tip:** Press Home 🏠 to return to the main Home screen from any other screen.
Extended Home Screens
The Home screen extends beyond the initial screen. In addition to the main Home screen, your phone can have up to ten extended Home screens to provide more space for adding icons and widgets.

► On the Home screen, swipe across the screen to move from the main Home screen to an extended Home screen.

– or –

On the screen position indicator, press Home key to access the main Home screen, or tap to access each extended Home screen.

Manage the Home Screens
Learn how to customize the Home screens.

Add or Reduce the Home Screens
You can have up to eleven Home screens.

1. Touch and hold any empty area on the Home screen to display the Home screen thumbnails.

2. The following options are available:
   - Tap a thumbnail to access the Home screen.
   - Tap to add a new Home screen.
   - Touch and hold a thumbnail and drag it to rearrange the positions of the Home screens. Release the thumbnail where you want to place it.
   - Touch and hold a thumbnail, drag it to “REMOVE” and release it when it turns red to remove the Home screen.
   - Tap the Home icon at the top of each screen to set that screen as the main Home screen.

Add App Shortcuts or Widgets to the Home Screen

1. Touch and hold any empty area on the Home screen.

2. Tap APPS or WIDGETS.

3. Slide the screen to find the item you want to add to the Home screen.

4. Touch and hold the item and move your finger to one of the Home screen thumbnails displayed at the top of the screen.
5. When you find the position to place the item, release your finger.

**Tip:** You can also select a Home screen thumbnail where you want to place the item and then simply tap the item.

**Move or Remove Items on the Home Screen**

- Touch and hold the item you want to move or remove from the Home screen.
  - To move the item, drag it to a new area and release it.
  - To remove the item, drag it to “REMOVE” at the top of the screen and release it.

**Favorites Tray**

The favorites tray takes up to five icons and appears on every Home screen. You can replace those icons except the Apps icon in the center of the tray.

To add a new icon to the favorites tray:

1. Remove the current icon on the tray. See *Move or Remove Items on the Home Screen*.
2. Touch and hold an app icon and drag it to the favorites tray.
3. Release your finger.

**Use Folders**

You can place up to 16 app icons in a folder. Drop an app icon over another on the Home screen, and the two icons will be placed in a new folder.

To create a folder:

1. Touch and hold an app icon and drag it over another on the Home screen.
2. Release your finger. Both icons are in a newly created folder.
3. Tap the folder > *Unnamed Folder*. The keyboard opens and you can name the folder. To rename it, tap the name.

To add app icons to a folder:

- Touch and hold an app icon, drag it over a folder and release your finger.
  - or –
1. Tap a folder on the Home screen.
2. Tap and select the icons you want to add to the folder.
3. Tap *OK*. 
Change the Wallpaper

1. Touch and hold any empty area on the Home screen and then tap WALLPAPERS.
   – or –
   From the Home screen, tap Apps > Settings > Display > Wallpaper.
2. Tap Pick image to use your own image, or browse through the preset choices.
3. Tap SET WALLPAPER.

Weather

Your Weather widget can display a large quantity of weather information.

Retrieve the Current Location Information

1. Tap Tap to start on the widget.
2. Read the message and tap OK to enable data connection.
3. Your phone will display the weather forecast for your current location.

Add a Location

1. Tap the weather image on the widget and then tap + > +.
2. Enter a location in the Search location field and tap . The matching location(s) will be listed.
3. Tap the location you want to add to the location list.
4. Tap the added location to access the details screen.

Delete a Location

1. Tap the weather image on the widget and then tap + > −.
2. Select the check box next to the location you want to delete.
   - Tap SELECT ALL to select all the locations.
3. Tap DONE.

Configure the Settings

1. Tap the weather image on the widget and then tap .
2. The following options are available:
- **Temperature scale:** Select **Fahrenheit** or **Celsius**.
- **Refresh time:** Select the frequency of auto update.
- **When launching:** Update the weather information when the application is opened.
- **When the current location changes:** Update the weather information when your current location changes. Data usage may increase when this is on.

**Dura Grid**

The Dura Grid widget offers popular settings and apps uniquely designed with high contrast, large icons for easy access with gloved hands or while on the move. The Dura Grid widget can also be customized with most frequently used apps and settings and is available in a three, six or nine-position layout.

**Access the Six-position Dura Grid Widget**

1. From the main Home screen, swipe to the right.
2. Tap on individual icons to turn them on or to adjust settings.

**Change an Icon on the Dura Grid Widget**

1. Tap **EDIT** on Dura Grid. **✗** appears in the right hand corner of each of the icons.
2. Tap the setting or feature to be changed. The icon disappears.
3. Tap **Add** and tap on an icon from the **SETTINGS** or **APPS** tabs.
4. Tap **DONE**.

**Add a Three or Nine-position Dura Grid Widget to the Home Screen**

1. Touch and hold any empty area on the Home screen.
2. Tap **WIDGETS** and slide the Widgets screen to find the three or nine-position Dura Grid widget.
3. Touch and hold the Dura Grid widget and move your finger to one of the Home screen thumbnails displayed at the top of the screen.
4. When you find the position you prefer, release your finger.

**Launcher Screens**

You can access all your apps on your phone from the launcher screens. You can also customize the view of your launcher screens.
Access the Launcher Screens

1. From the Home screen, tap Apps.

2. Following options are available:
   - Tap > All (Customize) to customize the order of apps. See Rearrange Your Apps on the Launcher Screens below.
   - Tap > All (Alphabetical) to reset the order of apps in alphabetical order.
   - Tap > Frequently used to display the apps you have used most frequently.
   - Tap > Downloads to display the apps downloaded on your phone.

Rearrange Your Apps on the Launcher Screens

1. From the Home screen, tap Apps.

2. Tap > All (Customize) > Edit.

3. Touch and hold an app, drag it to a new position and release it. To move it to another screen, drag the app to another screen and release it on the screen you want to place it.

4. Tap OK.

Status Bar

The status bar at the top of the screen provides phone and service status information on the right side and notification alerts on the left.

Status Icons

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<th>Status</th>
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<td><img src="bluetooth.png" alt="Bluetooth" /></td>
<td>Bluetooth® active</td>
</tr>
<tr>
<td><img src="wi-fi.png" alt="Wi-Fi" /></td>
<td>Wi-Fi® active</td>
</tr>
<tr>
<td><img src="vibrate.png" alt="Vibrate" /></td>
<td>Vibrate</td>
</tr>
<tr>
<td><img src="alarms.png" alt="Alarms" /></td>
<td>Alarms only</td>
</tr>
<tr>
<td><img src="total-silence.png" alt="Total silence" /></td>
<td>Total silence</td>
</tr>
<tr>
<td><img src="priority-only.png" alt="Priority only" /></td>
<td>Priority only</td>
</tr>
<tr>
<td><img src="network.png" alt="Network" /></td>
<td>Network (full signal)</td>
</tr>
<tr>
<td><img src="network-no-signal.png" alt="Network (no signal)" /></td>
<td>Network (no signal)</td>
</tr>
<tr>
<td><img src="4g-lte.png" alt="4G LTE" /></td>
<td>4G LTE (data service)</td>
</tr>
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<td>Icon</td>
<td>Status</td>
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<tr>
<td>4G</td>
<td>4G (data service)</td>
</tr>
<tr>
<td>3G</td>
<td>3G (data service)</td>
</tr>
<tr>
<td>2G</td>
<td>2G (data service)</td>
</tr>
<tr>
<td>G</td>
<td>GPRS; General Packet Radio Service (data service)</td>
</tr>
<tr>
<td>📲</td>
<td>Airplane mode</td>
</tr>
<tr>
<td>🌍</td>
<td>GPS active</td>
</tr>
<tr>
<td>⏰</td>
<td>Alarm set</td>
</tr>
<tr>
<td>🌏</td>
<td>Battery (full charge)</td>
</tr>
<tr>
<td>🌍</td>
<td>Battery (charging)</td>
</tr>
<tr>
<td>🌍</td>
<td>Battery (discharged)</td>
</tr>
</tbody>
</table>

**Notification Icons**

<table>
<thead>
<tr>
<th>Icon</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>⌚</td>
<td>Missed call</td>
</tr>
<tr>
<td>⚙</td>
<td>New Gmail</td>
</tr>
<tr>
<td>😎</td>
<td>New message</td>
</tr>
<tr>
<td>🎉</td>
<td>Event</td>
</tr>
<tr>
<td>🎟</td>
<td>Music application is running in the background</td>
</tr>
<tr>
<td>⏰</td>
<td>Alarm</td>
</tr>
<tr>
<td>⚙</td>
<td>Downloading</td>
</tr>
</tbody>
</table>

**Note:** Additional notification icons may appear. All icons are simulated. Actual images may vary.
Notifications Panel
You can open the Notifications panel to view the list of notifications you received, Wi-Fi connection status, and more.

To open the Notifications panel:

► Slide the status bar down to the bottom of the touchscreen.

● When you are finished with a notification, swipe it away to the left or right.

● To clear all notifications, tap CLEAR ALL at the very bottom of the notifications list.

Tip: You can control what notifications show on your screen when your phone is locked.

● To open the main Settings app, tap the settings icon . For details, see Settings.

To close the Notifications panel:

► Swipe up from the bottom of the screen.

– or –

Press Back .

Quick Settings
The quick settings screen enables you to quickly access useful menu items. Tap to expand the Quick Settings panel.
**Note:** You can only add up to 8 entries in Quick Settings panel.

1. Slide the status bar down to the bottom of the touchscreen.

2. Tap on a quick setting panel icon to enable or disable the feature:
   - **Wi-Fi** to enable or disable the Wi-Fi function.
   - **Location** to enable or disable the location feature.
   - **Do not disturb** to change the sound and notification settings. You can switch between Vibrate, Alarms only, Total silence, or Priority only.
   - **Rotation** to enable or disable the auto-rotate screen feature.
   - **Eco Mode** to enable or disable the Eco Mode feature.
   - **HotSpot** to turn HotSpot feature on or off.
   - **Bluetooth** to enable or disable the Bluetooth function.
   - **Flashlight** to turn the flashlight on or off.
   - **NFC** to enable or disable the NFC feature.
   - **Airplane** to enable or disable the Airplane Mode.

   - To change the positions of items, tap **EDIT**. Touch and hold the item you want to move, and then drag it to a different location and release your finger. Tap **OK**.

   - To adjust the screen brightness, drag the knob on the brightness slider left or right.

**Enter Text**

You can type on your phone using one of the available touchscreen keyboards or using your voice.

**Touchscreen Keyboards**

The keyboard appears automatically onscreen when you tap a text entry field, and they can be used in either portrait or landscape mode.

**Google Keyboard**

Google Keyboard offers a traditional QWERTY keyboard setup for entering text by tapping keys (like on a computer), along with enhancements and options that allow you to enter text faster and more accurately, such as continuous key input, personalized usage dictionaries, and more.

**Note:** Keyboard specification may vary depending on the version installed on your phone.
Google Keyboard Overview

<table>
<thead>
<tr>
<th>Key</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>🔄</td>
<td><strong>Shift:</strong> Tap to toggle between lower case and upper case.</td>
</tr>
<tr>
<td>🚦</td>
<td><strong>Caps lock:</strong> Double-tap the lower case or upper case shift key.</td>
</tr>
<tr>
<td>🌐</td>
<td><strong>Text mode:</strong> Tap to toggle between the Alphabet keyboard and Number &amp; Symbol keyboard.</td>
</tr>
<tr>
<td>🎤</td>
<td><strong>Voice input mode:</strong> Tap to enter text using your voice.</td>
</tr>
<tr>
<td>🗑️</td>
<td><strong>Backspace:</strong> Tap to delete a character. Touch and hold to delete multiple characters.</td>
</tr>
<tr>
<td>⏏️</td>
<td><strong>Enter:</strong> Tap to confirm your entry or move to a new line.</td>
</tr>
<tr>
<td>🔄</td>
<td><strong>Next:</strong> Tap to go to the next text entry field.</td>
</tr>
</tbody>
</table>

**Note:** Key appearance may vary depending on the selected application or text field.

Some of the keys on the Google Keyboard are given below:
### Key | Description
--- | ---
@?# | **Alternate**: Tap to toggle between the default Number & Symbol keyboard and additional Number & Symbol keyboard.
1234 |  
🔍 | **Go**: Tap to go to a Web address.
Space | **Space**: Tap to insert a space. Touch and hold to select the input method.

### Text Mode
ABC mode is primarily used for entering letters while Number & Symbol mode for numbers and symbols.

- Tap **ABC** to select ABC mode. Tap ?10 to select Number & Symbol mode.
  - In ABC mode, tap  to alter the capitalization:
    - (Unshifted) to enter all letters in lowercase.
    - (One-character-shifted) to capitalize only the first letter of a word.
  - You can select the caps lock by double-tapping  or  to make all letters in uppercase.
    - (Caps lock) to enter all letters in uppercase.
  - In Number & Symbol mode, tap  to display more symbols.
  - Some keys have alternate characters. In either mode, if a key displays an extra character at the upper right corner, touch and hold the key to enter the character. Or, touch and long hold a key to call up a list of all the characters available on that key, and slide your finger to the character you want to enter on the list.

### Add a Word to the User Dictionary
You can use the user dictionary option to add new words to the dictionary.

1. From the Home screen, tap **Apps** > **Settings** > **Language & input** > **Personal dictionary**.
2. Select a language.
3. Tap **+**.
4. Type the word you want to add.

5. Type the shortcut to bring up the typed word if you want, and tap ✔.

6. Press Back ⬅. A list of words you have added to the dictionary is displayed.
   - Tap a word to edit it.
   - Tap a word > to delete it.

For more information about the Google Keyboard settings, see Google Keyboard Settings.

**Gesture Typing**
The gesture typing lets you enter words by drawing a path from letter to letter in one continuous motion.

Example: dog
Place your finger on the key with the first letter of the word and glide to the following letters. Lift your finger after the last letter.

Example: cool
For double letters, circle the letter.

To enable the Gesture Typing input feature:

1. From the Home screen, tap Apps 📲 > Settings > Language & input.

2. Tap Google Keyboard > Gesture typing.

3. Tap Enable gesture typing to on.

**Google Voice Typing**
Google voice typing uses Google voice recognition to convert speech to text.

If the Google Keyboard does not display the microphone icon 🎤, the voice input feature is not enabled.

To enable the voice input feature:
1. From the Home screen, tap **Apps** > **Settings** > **Language & input**.

2. Tap **Current Keyboard** > **CHOOSE KEYBOARDS**.

3. Tap **Google voice typing** to on.

To enter text by speaking:

1. Tap the microphone icon on the keyboard.

2. If you see **Speak now**, say the text you wish to enter into the microphone. If you see **Tap to pause**, Google Voice Typing recognizes your voice.

3. Confirm the text you wish to enter is displayed. Tap the microphone icon again to continue entering.

For more information about the settings of Google voice typing, see Google Voice Typing Settings.

**Copy and Paste Text**

In applications that require text entry, such as Messenger, use the copy and paste functions to copy and paste text from one application to another.

To copy and paste the text:

1. Open the application or received message that you want to copy text from.

2. Touch and hold the text body. Selection tabs appear and the currently selected words or characters are highlighted. Drag the tabs to expand or reduce the range of the selected text.

   2012. The conference's press release also hinted at Missouri's imminent departure, as it was not listed among the "expected" ten

   Tabs

   2012. The conference's press release also hinted at Missouri's imminent departure, as it was not listed among the "expected" ten

**Tip:** Tap **SELECT ALL** to select all the text.

3. Tap **COPY**.
4. Open the application into which you want to paste the text.

5. Touch and hold the text box where you want to paste the text, tap **PASTE**, and select the text you want to paste from the Paste list.

- If you want to add the selected text to the current text, place a cursor to the position where you want to insert the selected words or characters. Touch and hold the text box, tap **PASTE**, and select the text you want to paste from the Paste list.
Phone Calls

With the network and your phone’s calling features, you can enjoy clear phone calls across the country.

Make Phone Calls

There are several convenient ways to place calls from your phone.

RECENTS
Tap to open the Recent calls list.

DIALPAD
Tap to open the dialpad.

Menu
Tap to open the call options menu.

CONTACTS
Tap to open your contacts list.

FAVORITES
Tap to open the Favorites list.

Delete
Tap to delete the digit entered.

Matching Contacts
As you type the number, matching contacts in your Contacts list appears.

Voicemail
Tap to call Voicemail.

Call
Tap to call the phone number entered.

Video Call
Tap to make a video call (if available).

Call Using the Phone Dialpad

The most “traditional” way to place a call is by using the phone dialpad.

1. From the Home screen, tap Phone > DIALPAD to display the dialpad.

2. Tap the number keys on the dialpad to enter the phone number.

3. Tap 📲 to call the number.

4. To end the call, tap ✘.

   ▪ For additional options, tap ☰ and select an option.
Call from Recents
The Recent calls list lets you quickly place calls to recent incoming, outgoing, or missed numbers.

1. From the Home screen, tap **Phone > RECENTS** to display the recent calls list.
2. Tap the phone icon next to the number or contact to place a call.
   - For additional options, tap the name or number.

Call from Contacts
You can place phone calls directly from entries in your contacts list.

1. From the Home screen, tap **Phone**.
2. Tap **CONTACTS** to display your contacts list.
   - Tap **Q** to search your contacts.
3. Tap the contact you want to call.
4. Tap.
   - For additional information on Contacts, see **Contacts**.

Call Using a Speed Dial Number
Speed dialing lets you contact numbers that you call frequently more easily. See **Set Up Speed Dialing** for information on assigning speed dial numbers.

1. From the Home screen, tap **Phone > DIALPAD**.
2. For speed dial numbers 2-9, touch and hold the number on the dialpad.
   - or –
   For speed dial numbers 10-99, tap the first digit and then touch and hold the second digit on the dialpad.

Call Emergency Numbers
You can place calls to 911 even if the phone screen is locked or your account is restricted.

To call the 911 emergency number:

1. From the Home screen, tap **Phone > DIALPAD**.
2. Enter **911** and tap **Call**.

To call the 911 emergency number when the screen is locked:
1. Tap **EMERGENCY CALL** on the screen.

2. Enter 911 and tap 📞

### Enhanced 911 (E911) Information

This phone features an embedded Global Positioning System (GPS) chip necessary for utilizing E911 emergency location services where available.

When you place an emergency 911 call, the GPS feature of your phone seeks information to calculate your approximate location. Depending on several variables, including availability and access to satellite signals, it may take up to 30 seconds or more to determine and report your approximate location.

**Important:** Always report your location to the 911 operator when placing an emergency call. Some designated emergency call takers, known as Public Safety Answering Points (PSAPs), may not be equipped to receive GPS location information from your phone.

### Call Numbers with Pauses

You can dial phone numbers with pauses for use with automated systems, such as Voicemail or credit card billing numbers.

There are two types of pauses available on your phone:

- **Add 2-sec pause:** Automatically sends the next set of numbers after two seconds.
- **Add wait:** Sends the next set of numbers when you tap Yes in the pop-up window.

1. From the Home screen, tap Phone > DIALPAD.

2. Enter all or part of a number.

3. Tap 📡 > Add 2-sec pause or Add wait.

4. Enter additional numbers.

5. Tap 📞 to dial the number.

### Call Using the Plus (+) Code

When placing international calls, Plus Code Dialing automatically enters the international access code for your location (for example, 011 for international calls made from the U.S.).

1. From the Home screen, tap Phone > DIALPAD.

2. Touch and hold 0 until you see a “+” on the display screen.
3. Enter the country code and phone number, and then tap 📞. The phone automatically prepends the access code for international dialing, followed by the country code and phone number.

**Call Using Wi-Fi Calling**

Wi-Fi Calling allows you to make and receive phone calls and messages over a Wi-Fi connection. To use Wi-Fi Calling, please use the nano SIM card included with your phone. A different SIM card may not work with the Wi-Fi Calling feature.

Turn Wi-Fi Calling On or Off

1. From the Home screen, tap Phone.

2. Tap 📞 > Call settings.

3. Tap the ON/OFF switch next to Wi-Fi Calling to turn it on or off.

**Important:** You must have a 9-1-1 emergency address registered with your account. Log into your account at t-mobile.com and go to your profile to register your address.

Make a Wi-Fi Call

Once Wi-Fi Calling is enabled, you can begin making calls right away.

**Note:** Verify you are currently connected to a Wi-Fi calling enabled Wi-Fi network.

1. Confirm the Wi-Fi Calling icon 📞 displays in the status bar.

2. Enter the desired number on your dialpad or select a contact from Contacts or Recent calls.

3. Tap 📞 on the dialpad or use the appropriate call option to make a call.

4. To end a call, tap 📞.

**Note:** Wi-Fi Calling is automatically turned off when you are out of Wi-Fi range.

Set Connection Preferences

1. From the Home screen, tap Phone.

2. Tap 📞 > Call settings > Wi-Fi Calling > Connection Preferences.

3. Select Wi-Fi Preferred, Cellular Network Preferred, or Never use Cellular Network.

Learn about Wi-Fi Calling

1. From the Home screen, tap Phone.
2. Tap 📞 > Call settings > Wi-Fi Calling > Help.

3. Tap Tutorial or Top Questions.

**Receive Phone Calls**

The following information lets you know how to answer incoming calls, mute the ringtone on incoming calls, reject incoming calls, and more.

When you receive a phone call from a contact, the Incoming call screen appears and displays the caller ID icon, name, and phone number of the calling party. When you receive a phone call from someone who is not stored in Contacts, only the default caller ID icon and phone number appear on the Incoming call screen.

**Note:** If your phone is turned off, all calls automatically go to Voicemail.

**Answer an Incoming Call**

► On the Incoming call screen, swipe 📞.

**Mute the Ringing Sound**

To mute the ringtone without rejecting the call:

► Press the volume key down.

**Send an Incoming Call to Voicemail**

► Swipe 📞 to send the call to your Voicemail inbox.

**Reject a Call and Send a Text Message**

You can reject an incoming call and automatically send a text message to the caller.

► Tap 📨 to ignore the call and send a message to the caller.

**Note:** You can edit the preset text messages through the Call settings menu. See Quick Responses.

**Voicemail**

Your phone automatically transfers all unanswered calls to your voicemail, even if your phone is in use or turned off. Set up your voicemail to access the service.

**Set Up Voicemail**

You should set up your voicemail and personal greeting as soon as your phone is activated. See Set Up Voicemail.
**Voicemail Notification**
There are several different ways your phone may alert you to a new Voicemail message.

- By sounding the assigned notification sound.
- By vibrating the phone if you have selected this option.
- By displaying 📡 within the Notifications area of the Status bar when new voicemail messages are received.

**Retrieve Your Voicemail Messages**
You can review your messages directly from your wireless phone or from any other touch-tone phone.

**Use Your Phone to Access Your Messages**

1. From the Home screen, tap **Phone > DIALPAD**.
2. Touch and hold 1. If prompted, enter your voicemail password.
3. Follow the voice prompts to listen to and manage your voicemail messages.

**Use Another Phone to Access Messages**

1. Dial your wireless phone number.
2. When your voicemail answers, press the asterisk key on the phone (*).
3. Enter your password.

**Phone Call Options**
Your phone application provides many useful features and options to help you make the most of your calling experience.

**In-call Options**
While you're on a call, you will see a number of onscreen options. Tap an option to select it.

- **Hold**: Tap to hold the current call.
- **Add call**: Tap to initiate a conference call.
- **End**: End the current call.
- **Dialpad/Hide**: Toggle the appearance of the onscreen dialpad to enter additional numbers such as an extension or access code.
• For example: When you call your bank’s toll-free number, use your dialpad to enter your account number and PIN.

• **Mute**: Mute or unmute the microphone during an active call.

• **Speaker**: Turn the speaker on or off.

• **Audio**: Route the phone’s audio through a connected Bluetooth headset, through the earpiece, or through the speaker. This option will be displayed instead of **Speaker**, when a Bluetooth device is connected to the phone.

**Warning**: Because of higher volume levels, do not place the phone near your ear during speakerphone use.

• **Video**: Tap to initiate a two-way video call.

• **One-way**: Tap to initiate a one-way video call.

**Caller ID**

Caller ID identifies a caller before you answer the phone by displaying the number of the incoming call. If you do not want your number displayed when you make a call, follow these steps.

1. From the Home screen, tap **Phone** > **DIALPAD**.

2. Enter *67.

3. Enter a phone number.

4. Tap 📞.

**Caller ID Settings**

You can configure the Caller ID settings on the settings menu of your Phone app.

1. From the Home screen, tap **Phone** > 📞 > **Call settings** > **Additional settings**.

2. Tap **Caller ID**.

3. Select an option:
   - **Network default** to follow the network default settings.
   - **Hide number** to hide your number to the people you call.
   - **Show number** to display your number to the people you call.
**Call Waiting**

When you’re on a call, Call Waiting alerts you to incoming calls by sounding beeps. Your phone screen informs you that another call is coming in and displays the caller’s phone number (if available).

To enable Call waiting:

1. From the Home screen, tap **Phone > Call settings > Additional settings**.
2. Select the Call waiting check box.

To respond to an incoming call while you’re on a call, putting the first caller on hold:

- Swipe **Hold & Answer**.

To switch back to the first caller:

- Tap **Swap call**.

To create a conference call between your existing calls:

- Tap **Merge calls**.

To respond to an incoming call while you are on a call, ending the current call:

- Swipe **End & Answer**.

**Conference Calling**

With conference calling, you can talk to up to five people at the same time. When using this feature, the normal airtime rates will be charged for each of the calls.

1. Enter a number on the dialpad and tap **Call** (or place a call from recent calls or contacts).
2. Once you have established the connection, tap **Add call**, and dial the second number (or place the call from Recents or Contacts). This puts the first caller on hold and dials the second number.
3. When you’re connected to the second party, tap **Merge calls**. Your conference call is now in session.
4. If you want to add another call to the existing conference, repeat steps 2 and 3.
5. To end the conference call, tap **End Call**.
Note: If one of the parties you called hangs up during your call, you and the remaining party stay connected. If you initiated the call and are the first to hang up, all callers are disconnected.

**Call Forwarding**

Call Forwarding lets you forward all your incoming calls to another phone number – even when your phone is turned off. You can continue to make calls from your phone when you have activated Call Forwarding.

**Note:** You may be charged a higher rate for calls you have forwarded.

To activate Call forwarding:

1. From the Home screen, tap Phone > > Call settings > Call forwarding.
2. Select an option:
   - **Always forward** to forward all calls.
   - **When busy** to forward a call when you are already on a call and ignore the call.
   - **When unanswered** to forward a call when the call is not answered.
   - **When unreachable** to forward a call when the call cannot reach the phone when the phone is turned off, out of range, in Airplane Mode, etc.
3. Enter the number you want to forward your calls to.
4. Tap **TURN ON**.

To change your Call Forwarding number:

1. From the Home screen, tap Phone > > Call settings > Call forwarding.
2. Select an option you want to change the number.
3. Edit the number.
4. Tap **UPDATE**.

To deactivate Call forwarding:

1. From the Home screen, tap Phone > > Call settings > Call forwarding.
2. Select an option you want to deactivate.
3. Tap **TURN OFF**.
**Set Up Speed Dialing**
You can store up to 98 numbers in your phone’s speed dial memory.

To assign a speed dial number to a contact:

1. From the Home screen, tap **Phone > DIALPAD > Speed dial setup**.
2. Tap **Add speed dial** next to the location number you want to assign a number to.
3. Select a contact. If the contact has more than one number, select a number.

To remove a number from a speed dial location:

1. From the Home screen, tap **Phone > DIALPAD > Speed dial setup**.
2. Tap the assigned contact you want to remove and tap **Remove > OK**.

To replace a number in a speed dial location:

1. From the Home screen, tap **Phone > DIALPAD > Speed dial setup**.
2. Tap the assigned contact you want to replace and tap **Replace**.
3. Select a contact. If the contact has more than one number, select a number.

**Recent Calls**
The Recent calls tab of the Phone application lists up to 500 recent incoming, outgoing, and missed calls.

**View Recent Calls**

- From the Home screen, tap **Phone > RECENTS**.
  - You can determine if an entry was an incoming, outgoing, or a missed call from the icons shown below.
    - 🔵 = Incoming Call
    - 🔵 = Incoming Video Call
    - 🔵 = Outgoing Call
    - 🔵 = Outgoing Video Call
    - 🔴 = Missed Call
Recent Calls Options

1. From the Home screen, tap Phone > RECENTS.

2. Tap an entry to view the contact.
   - Tap ☎️ to call the number.
   - Tap 📞 to make a video call.
   - Tap 📬 to send a text message.
   - Tap 📞 to add the number to Contacts.
   - Tap 👤 to access the Contacts detail screen.
   - Tap 🚫 > Delete from recent call to delete the call.
   - Tap 📞 > Edit number before call to edit the number before calling.
   - Tap 🚫 > Add to reject call list to add the number to Reject call list.

Filter Recent Calls

1. From the Home screen, tap Phone > RECENTS.

2. Tap 📜 > Filter by.

3. Select All calls, Missed calls, Outgoing calls, Incoming calls, Voice calls, or Video calls.

Clear Recent Calls

Use the menu option to clear your recent calls.

1. From the Home screen, tap Phone > RECENTS.

2. Tap 🚫 > Delete recent calls.

3. Tap the check box next to the calls you want to delete or tap SELECT ALL.

4. Tap OK > OK.

Call Settings

Your phone’s Call settings menu lets you configure your settings for the phone application.

Call Rejection

You can set your phone to reject incoming calls.
1. From the Home screen, tap **Phone > ☎ > Call settings > Call rejection**.

2. Tap **Call rejection** to turn on.

3. Tap **Rejection list** and specify the numbers you want to reject. Following options are available:
   - Tap **Unknown number** to turn on.
   - Tap ✨, select **Contacts** or **Recent calls**, and select a number.
   - Tap ✨ > New, enter a number, and tap **SAVE**.

To delete an item from the call rejection list:

1. From the Home screen, tap **Phone > ☎ > Call settings > Call rejection > Rejection list**.

2. Tap and select the item you want to remove from the list.

3. Tap **DONE**.

To manage the call rejection list from Contacts:

1. From the Home screen, tap **Contacts**. Tap the **CONTACTS** tab, if necessary.

2. Tap a contact to display the detailed screen and touch and hold a number.

3. Tap an option:
   - **Allow call**: The number will be removed from the call rejection list.
   - **Reject call**: The number will be added to the call rejection list.

To add an item to the rejection list from Recent calls:

1. From the Home screen, tap **Phone > RECENTS**.

2. Tap an entry to display the detailed screen.

3. Tap ✨ > Add to reject call list > Reject call.

**Quick Responses**

You can add, delete, or modify the preset text messages to send when you select to reject an incoming call and send a text message. Your phone can register up to seven messages.

1. From the Home screen, tap **Phone > ☎ > Call settings > Quick responses**.

2. Following options are available:
- To edit a message, tap a message, edit it, and tap OK.
- To add a new message, tap + enter text, and tap OK.
- To delete a message, tap > Delete, select the check box next to the message(s) you want to delete, or tap SELECT ALL, and then tap DONE.
- To restore the default messages, tap > Reset to default.

**Auto Answer**
Select when to answer incoming calls automatically with the headset.

1. From the Home screen, tap Phone > Call settings > Auto answer.
2. Select Hands free or Speakerphone.
3. Select a time to elapse before answering the phone automatically.

**Power Key Ends Call**
Set the Power key ends call function on or off.

1. From the Home screen, tap Phone > Call settings.
2. Tap Power key ends call to turn on.

**Call Forwarding**
You can forward all your incoming calls to another phone number. For more information, see Call Forwarding.

**Video Call**
With this feature on, you can make or receive video calls with your contacts.

1. From the Home screen, tap Phone > Call settings.
2. Tap Video call to turn on.

**Additional Settings**
Call Barring
Call Barring allows you to prevent certain calls being made from or to your mobile phone.

1. From the Home screen, tap Phone > Call settings > Additional settings.
2. Tap Call barring.
3. Select from All outgoing calls, International calls, INT'L calls except home, All incoming calls, or Incoming when roaming.
4. Select Start regulation or Stop regulation. To check the current status, select Confirm the settings.

5. Enter your password, if prompted, and tap OK.

**Phone Ringtone**
Assign a ringtone to your incoming calls.

1. From the Home screen, tap Phone > ☑ > Call settings > Phone ringtone.

2. Select the file and tap OK to assign the ringtone.

**Dial Pad Touch Tones**
Play tones when using the dialpad.

1. From the Home screen, tap Phone > ☑ > Call settings.

2. Tap Dial pad touch tones to turn on.

**Vibrate When Ringing**
Set your phone to ring and vibrate simultaneously.

1. From the Home screen, tap Phone > ☑ > Call settings.

2. Tap Vibrate when ringing to turn on.

**Voicemail Settings**
You can configure the Voicemail settings.

1. From the Home screen, tap Phone > ☑ > Call settings > Voicemail.

2. Configure the following settings:
   - **Service** to select the Voicemail service provider.
   - **Voicemail number** to configure the Voicemail number if necessary.
   - **Sound** to select the sound to ring for a new Voicemail message.
   - **Vibrate** to select whether the phone responds with vibration to a new Voicemail message.

**Fixed Dialing Numbers**
This feature allows you to restrict your outgoing calls to the numbers included in the FDN list. Emergency calls will not be affected by this setting.

To enable FDN mode:
1. From the Home screen, tap **Phone > Call settings > Fixed Dialing Numbers.**

2. Tap **Enable FDN.**

3. Enter your PIN2 and tap **OK.**

To change a PIN for FDN access:

1. From the Home screen, tap **Phone > Call settings > Fixed Dialing Numbers.**

2. Tap **Change PIN2.**

3. Enter the old PIN2 and tap **OK.**

4. Enter a new PIN2 and tap **OK.**

5. Enter the new PIN2 again and tap **OK.**

To view and manage your FDN list:

1. From the Home screen, tap **Phone > Call settings > Fixed Dialing Numbers.**

2. Tap **FDN list.**
   - Tap **Allow sending SMS** to turn it on.
   - Tap **Add contact** to add a new contact.

**Note:** To use this feature you will have to enter your PIN2 number, which is associated with your SIM card. If you do not know your number, please contact your carrier to obtain it.

**TTY Mode**

A TTY (teletypewriter, also known as a TDD or Text Telephone) is a telecommunications device that allows people who are deaf, hard of hearing, or who have speech or language disabilities, to communicate by telephone.

Your phone is compatible with select TTY devices. Please check with the manufacturer of your TTY device to ensure that it supports digital wireless transmission. Your phone and TTY device will connect using a special cable that plugs into your phone’s headset jack. If this cable was not provided with your TTY device, contact your TTY device manufacturer to purchase the connector cable.

To turn TTY Mode on or off:

1. From the Home screen, tap **Phone > Call settings > TTY mode.**

2. Tap **TTY Full, TTY HCO,** or **TTY VCO** to turn TTY mode on.
   – or –
Tap **TTY Off** to turn TTY mode off.

**Note:** When enabled, TTY mode may impair the audio quality of non-TTY devices connected to the headset jack.

**Warning:** 911 Emergency Calling

It is recommended that TTY users make emergency calls by other means, including Telecommunications Relay Services (TRS), analog cellular, and landline communications. Wireless TTY calls to 911 may be corrupted when received by public safety answering points (PSAPs), rendering some communications unintelligible. The problem encountered appears related to TTY equipment or software used by PSAPs. This matter has been brought to the attention of the FCC, and the wireless industry and the PSAP community are currently working to resolve this.

**Hearing Aids**

Set to turn on hearing aid compatibility.

1. From the Home screen, tap **Phone > Call settings**.
2. Tap **Hearing aids** to turn on.

**Call Timer**

To view the call timer and call duration:

1. From the Home screen, tap **Phone > Call settings**.
2. Tap **Call timer**.

To reset the call timer:

1. From the Home screen, tap **Phone > Call settings**.
2. Tap **Call timer**.
3. Touch and hold the item you want to reset and tap **OK**.
Contacts
The Contacts application lets you store and manage contacts from a variety of sources, including contacts you enter and save directly in your phone as well as contacts synchronized with your Google Account, your PC, and compatible email programs.

Contacts List
Scroll through the list to view all your contacts. To see a specific entry, tap it.

- From the Home screen, tap Apps > Contacts.

- **FAVORITES**: Tap to display your favorite contacts.
  - **Add new favorite**: Tap to add a new favorite contact. See Add a Contact to Favorites.

- **CONTACTS**: Tap to display the individual contacts.
  - **Add new contact**: Tap to add a new individual contact. See Add a Contact.

- **GROUPS**: Tap to display the group contacts.
  - **Add new group**: Tap to add a new group contact. See Add a Group Contact.

- : Tap to search a contact.

- : Tap to display the contacts list options. See Contacts List Options below.

**Tip:** You will see letters in alphabetical order when you drag the slider on the right of the screen. Release your finger to display the entries starting with a specific letter when you see it.

Contacts List Options

- From the Home screen, tap Apps > Contacts >

- **Share**: Shares contacts using Android Beam, Bluetooth, Drive, etc.

- **Delete**: Allows you to select and delete the contacts.

- **Import/export**: Imports/exports contacts from/to the SIM card or microSD card.

- **Contacts to display**: Selects contacts to be displayed on Contacts. See Display Options below.
• **Settings:** Opens the display settings screen. You can select how your contacts are displayed. See **Display Options** below.

• **Clear frequents:** Clears the frequently contacted list under the **FAVORITES** tab.

• **Change order:** Allows you to change the order of the listed contacts under the **FAVORITES** tab.

**Display Options**

Select which contacts to be displayed on Contacts.

1. From the Home screen, tap **Apps** > **Contacts** > **Contacts to display**.

2. Select an account to display its contacts or select one of the following options:

   • **All contacts:** Displays all the contacts you’ve saved.
   
   • **Phone:** Displays the contacts saved in the phone.
   
   • **SIM:** Displays the contacts saved in the SIM card.
   
   • An account (for example, **Google**)) to display only its contacts.

   • **Customize:** Allows you to display the selected types of contacts of the selected accounts.

You can also select how your contacts will be displayed.

1. From the Home screen, tap **Apps** > **Contacts** > **Settings**.

2. Set the following options:

   • **Position of index tab:** Chooses the position to place the index tab.

   • **Sort by:** Selects how your contacts are sorted.

   • **Name format:** Selects how your contact’s names are displayed.

   • **Accounts:** Selects to open the account settings.

**Add a Contact**

Enter details such as name, phone numbers, email addresses, mailing addresses, and more.

1. From the Home screen, tap **Apps** > **Contacts** > **CONTACTS** > **+**.

2. You may be prompted to select an account to save your new contact to. Select one of the following options:
**Phone**: Stores your contact to your phone.

**SIM**: Stores your contact to the SIM card.

Select an account (for example, Google) from the displayed list.

**ADD NEW ACCOUNT**: Adds a new account.

3. Use the keyboard to enter as much information as you want.

   - Tap the location/account above name and select an option to change where to save the contact to.

   **Name**

   - Tap **CHANGE** to assign a picture to the contact. See Assign a Stored Picture to a Contact or Assign a New Picture to a Contact.

   **Phone**

   **Email**

   **ADD ANOTHER FIELD**: Tap to include additional information such as **Phonetic name**, **Nickname**, **Address**, **Company**, **Notes**, **IM**, etc.

**Note**: To select a type (label) for a phone number, email address, or postal address (such as **Mobile**, **Home**, **Work**, etc.), tap ▼ to the right of the field and select the appropriate type.

4. When you have finished adding information, tap **SAVE**.

### Save a Phone Number

You can save a phone number to Contacts directly from the phone dialpad.

1. From the Home screen, tap **Apps** > **Phone** > **DIALPAD**.

2. Enter a phone number and tap **Add to contacts**.

3. To add the number to an existing contact, tap the contact, select a number type for the new number, and then tap **OK**.

   - or –

To add the number as a new contact, tap **Create new contact**, enter the name and any additional information, and then tap **SAVE**. See Add a Contact.
**Edit a Contact**

Once you've added a contact, you can add or edit any of the information in the entry, assign a caller ID picture, customize with a unique ringtone, and more.

Add or Edit Information for a Contact

Follow the instructions to add or edit information for an existing contact.

1. From the Home screen, tap **Apps > Contacts > CONTACTS**.
2. Tap a contact to display it, and tap ⬆️.
3. Tap any field you want to change or add. See Add a Contact.
4. Add or edit the information, and then tap **SAVE**.

**Note:** To select a type (label) for a phone number, email address, or postal address (such as Mobile, Home, Work, etc.), tap ⬇️ to the right of the field and select the appropriate type.

Assign a Stored Picture to a Contact

Follow the instructions to assign a picture stored in your phone's internal memory or SD card to a contact.

1. From the Home screen, tap **Apps > Contacts > CONTACTS**.
2. Tap a contact to display it, and tap ⬆️.
3. Tap **CHANGE** to the right of the contact icon.
4. Tap **Choose photo** and select a location.
5. Tap a picture to select it.

- You may be prompted to size the picture for use with contacts. Drag the square to frame the portion of the picture to use. Tap and drag the side of the square to resize the square and complete the action.
6. Tap **SAVE** to save the contact.

Assign a New Picture to a Contact

Follow the instructions to take a new picture and assign it directly to an existing contact.

1. From the Home screen, tap **Apps > Contacts > CONTACTS**.
2. Tap a contact to display it, and tap ⬆️.
3. Tap **CHANGE** to the right of the contact icon.

4. Tap **Take photo**.

5. Tap ✡ to take a picture.
   - You may be prompted to size the picture for use with contacts. Drag the square to frame the portion of the picture to use. Tap and drag the side of the square to resize the square and complete the action.

6. Tap **SAVE** to save the contact.

**Assign a Phone Ringtone to a Contact**

Know who’s calling without looking at your phone by assigning a specific ringtone to a contact.

1. From the Home screen, tap **Apps ➤ Contacts ➤ CONTACTS**.

2. Tap a contact to display it, and tap ➤ **Set phone ringtone**.

3. Tap a ringtone from the available list. The ringtone briefly plays when selected.
   - or -
   
   Tap ✦ and select a saved sound file.

4. Tap **OK** to assign the ringtone.

**Assign a Vibration to a Contact**

You can assign a specific vibration pattern to a contact.

1. From the Home screen, tap **Apps ➤ Contacts ➤ CONTACTS**.

2. Tap a contact to display it, and tap ➤ **Set vibration pattern**.

3. Tap an available vibration. The phone vibrates when selected.

4. Tap **OK** to assign the vibration.

**Add a Contact to Favorites**

The Favorites tab of the Phone menu is a listing that can help you quickly access your most used or preferred contacts entries.

1. From the Home screen, tap **Apps ➤ Contacts ➤ CONTACTS**.

2. Tap a contact.
3. Tap ✶. The icon changes to ✶ when the contact is added to Favorites.
   – or –
1. From the Home screen, tap Apps ⬠ > Contacts > FAVORITES.
2. Tap ✶ and select the check box next to the contact(s) that you want to add to your Favorites list.
3. Tap DONE.

Add a Contact Widget to the Home Screen

You can place your favorite contacts on the Home screen.

1. From the Home screen, tap Apps ⬠ > Contacts > CONTACTS.
2. Tap a contact to display it, and tap ✶ > Place on Home screen. The contact widget is added to your Home screen.

Delete Single or Multiple Contacts

You can delete contacts from the contacts details page.

1. From the Home screen, tap Apps ⬠ > Contacts > CONTACTS.
2. Tap ✶ > Delete, select the check box next to the contact(s) you want to delete, or tap SELECT ALL.
3. Tap DONE and then tap OK to confirm the deletion.
   - or -
   Tap a contact to display it, and tap ✶ > Delete > OK.

Merge Contacts

You can merge two or more contact entries into one.

1. From the Home screen, tap Apps ⬠ > Contacts > CONTACTS.
2. Select the contact you want to appear as the primary listing.
3. Tap ✶ > Merge.
4. Choose the contact you wish to merge with the primary listing.
Separate Contacts
You can separate merged contacts into multiple contacts.

1. From the Home screen, tap Apps > Contacts > CONTACTS.
2. Select a merged contact.
3. Tap > Separate > OK.

Copy/Move Contact
You can copy or move contact entries between the phone and SIM card.

1. From the Home screen, tap Apps > Contacts > CONTACTS.
2. Tap a contact to display it, and tap > Copy/Move contact.
3. Select Copy or Move and then tap OK.

Add a Group Contact
Create a group contact with your individual contact entries in Contacts.

Note: In order to create a group contact, you may first sync your phone with a Google or corporate account. See Synchronize Contacts for instructions on how to sync your phone to an account.

1. From the Home screen, tap Apps > Contacts > GROUPS >
2. Select the account in which you want to create a group contact.
3. Enter the group’s name.
4. Tap Add/remove contacts and tap the entries you want to add.
5. Tap DONE > SAVE.

Edit a Group Contact
Manage the group contacts that you have created.

Add or Remove a Group Contact Entry, or Rename a Group

1. From the Home screen, tap Apps > Contacts > GROUPS.
2. Tap a group contact and tap
3. The following options are available:
- Tap the group’s name to rename it.
- Tap Add/remove contacts to add or remove entries.

4. Tap **DONE**.
5. Tap **SAVE**.

Assign a Ringtone to a Group Contact

You can assign a specific ringtone to a group.

1. From the Home screen, tap **Apps** > **Contacts** > **GROUPS**.
2. Tap a group contact and tap 📞
3. Tap **Ringtone** and select a ringtone.
4. Tap **OK > SAVE**.

Assign a Vibration to a Contact

You can assign a specific vibration pattern to a group.

1. From the Home screen, tap **Apps** > **Contacts** > **GROUPS**.
2. Tap a group contact and tap 📞
3. Tap **Vibration pattern** and select a vibration pattern.
4. Tap **OK > SAVE**.

Delete a Group Contact

1. From the Home screen, tap **Apps** > **Contacts** > **GROUPS**.
2. Tap a group you want to delete, and tap 🗑 > **Delete**.
3. Tap **OK**.
   - or -
1. From the Home screen, tap **Apps** > **Contacts** > **GROUPS**.
2. Tap 🗑 > **Delete**.
3. Tap a group you want to delete.
4. Tap **DONE**.
ICE (In Case of Emergency)

Registering ICE information might help rescue workers, such as paramedics, police and hospital personnel identify your primary contact. You can register up to three contacts.

ICE contact

To add an ICE contact:

1. From the Home screen, tap Apps > Contacts > CONTACTS.
2. Tap ICE- In Case of Emergency.
3. Tap .

Note: You will be prompted to enable the Location settings if they are disabled. Read the onscreen information and follow the instructions.

4. Tap the entry to register.

To change or remove an ICE contact:

1. From the Home screen, tap Apps > Contacts > CONTACTS.
2. Tap ICE- In Case of Emergency.
3. Tap and tap the contact to remove.
4. Tap OK.

Personal Information

1. From the Home screen, tap Apps > Contacts > CONTACTS.
2. Tap ICE- In Case of Emergency.
3. Tap My emergency information .
4. Enter or edit the necessary information and tap SAVE.

Access the Registered ICE Information When the Screen is Locked

1. Tap on the screen.
2. The following options are available:
   - Tap My emergency information to display the registered information.
   - Tap next to the ICE contact to place a call to the contact.
Synchronize Contacts
Syncing data from your managed accounts lets you add and manage new or existing contacts from your online or remote accounts to your phone. Prior to syncing, you must have an active Google or corporate account with associated contacts, and be signed into your account with the phone.

With syncing, any contacts (with phone numbers, email addresses, pictures, etc.) are updated and synced with your phone.

1. From the Home screen, tap **Apps > Contacts**.

2. Tap **Settings > Accounts**.

3. Tap the account type, if necessary. Screen appearance may vary depending upon the account type.

4. Tap the account you want to sync your contacts with.

5. Tap the **ON/OFF** switch next to **Contacts** to turn contacts sync on or off.

Your Contacts then reflects any updated contact information.

- This update process works both ways. For example, any changes on the phone are updated to your account contacts list after sync.

Share a Contact
You can quickly share contacts using Bluetooth, Gmail, or text messaging.

1. From the Home screen, tap **Apps > Contacts > CONTACTS**.

2. Tap a contact to display it, and tap **> Share**.

3. In the **Share contact via** menu, select a method and follow the onscreen instructions.
Accounts and Messaging

With the service and your phone’s messaging capabilities, you have the opportunity to share information through many different channels and accounts, including Gmail (Google), personal and corporate email, text and multimedia messaging, and social networking accounts.

Gmail / Google

You will need a Google Account to access several phone features such as Gmail, YouTube, and the Google Play Store applications. Before you are able to access Google applications, you must enter your account information. These applications sync between your phone and your online Google Account.

Create a Google Account

If you do not already have a Google Account, you can create one online or using your phone.

**Note:** Although you need a Gmail account to use certain features on your phone, such as Google Play Store, you do not need to use Gmail as the default account for your phone.

Create a Google Account Online

1. From a computer, launch a Web browser and navigate to google.com.
2. On the main page, click Sign in > Create account.
3. Follow the onscreen prompts to create your free account.

Create a Google Account Using Your Phone

1. From the Home screen, tap Apps > Settings > Accounts > Add account > Google.
2. Tap Or create a new account.
3. Enter your first name and last name, and tap NEXT.
4. Enter your desired username, which will be the first part of your Gmail address, and tap NEXT.
5. When prompted, enter and reenter a password and tap NEXT.
6. Select if you set up recovery options now.

**Note:** When setting up a new Google Account, either on your phone or online, you are recommended to add a secondary phone number or email address. Enter a second phone number or email address from which you currently send and receive message or email. This number or address is used to authenticate your account should you ever
encounter problems or forget your password. It is strongly encouraged for Android users so you can regain access to Google Mobile™ services and purchases on your phone.

7. Follow the onscreen prompts to create your free account.

**Sign In to Your Google Account**

If you have a Google Account but have not yet signed in with your phone, follow these instructions.

1. From the Home screen, tap Apps > Settings > Accounts > Add account > Google.

2. Enter your email address, and tap NEXT.

3. Enter the password, and tap NEXT.

4. Read the message, and tap ACCEPT.

5. Select the backup options, if prompted, and tap NEXT.

6. Select if you save your credit card information now to enable purchases at Google Play Store.

**Access Gmail**

1. From the Home screen, tap Apps > Gmail.

2. Do any of the following:

   - View more email messages: If the screen is full, swipe your finger up the screen to view more messages and conversations.

   - Read a new email message: Tap the unread message or the conversation with an unread message (just-arrived items display in bold).

   - Select messages and conversations: Touch and hold the email or conversation.

   - View the inbox of your other Gmail account: If you have more than one Google account set up on your phone, tap at the top left of the screen and then choose an account to view.

**Send a Gmail Message**

1. From the Home screen, tap Apps > Gmail.

2. In any folder, tap  

3. Enter the message recipient’s email address in the To field.
4. If you want to send a carbon copy (CC) or a blind carbon copy (BCC) of the email to other recipients, tap on the right side of the field.

5. Enter the subject and then compose your message.

**Note:** If you want to add a file as attachment, tap select Attach file or Insert from Drive and then locate and choose the file you want to attach.

6. After composing your message, tap .

**Read and Reply to Gmail Messages**

1. From the Home screen, tap Apps > Gmail.

2. Tap a message to display it.

3. To reply to or forward a message:
   - Tap Reply to reply to the message.
   - Tap Reply all to reply to all recipients.
   - Tap Forward to forward the message.
   - Tap for additional options.

4. After composing your message, tap .

**Gmail Account Settings**

1. From the Home screen, tap Apps > Gmail.

2. Tap at the top left of the screen to display menu.

3. Tap Settings > General settings.

4. Configure the following settings:

**Note:** Depending upon the email account type, the available options may vary.

- **Gmail default action:** Select whether you want delete or archive to be the default option.
- **Conversation view:** Check to turn Conversation view on.
- **Swipe actions:** Check to archive a conversation when you swipe it.
- **Sender image:** Check to display an image of the sender in conversation list.
- **Reply all**: Check to display the Reply all option as default.
- **Auto-fit messages**: Check to shrink the messages to fit the screen and allow zooming.
- **Auto-advance**: Choose which screen to show after you delete a message.
- **Confirm before deleting**: Check to display a confirmation before deleting a message.
- **Confirm before archiving**: Check to display a confirmation before archiving a message.
- **Confirm before sending**: Check to display a confirmation before sending a message.

**Delete a Gmail Account**
1. From the Home screen, tap **Apps > Settings > Accounts > Google**.
2. Tap the account you want to delete.
3. Tap **Remove account**.
4. Tap **REMOVE ACCOUNT**.

**Set Up Other Email Accounts**

**Add a Personal (IMAP/POP3) Account**
1. From the Home screen, tap **Apps > Settings > Accounts > Add account**.
2. Tap **Personal (IMAP)** or **Personal (POP3)**.
3. Enter the Email address and tap **NEXT**.
4. If prompted, tap the appropriate account type.
5. Enter the Password and tap **NEXT**.
6. Enter the account details and tap **NEXT**.
7. Configure the account options as necessary and tap **NEXT**.
8. Follow the onscreen prompts to complete.

**Add an Exchange Account**
1. From the Home screen, tap **Apps > Settings > Accounts > Add account**.
2. Tap Exchange.

3. Enter your Exchange email address and password and tap NEXT.

4. Enter the Exchange account details and tap NEXT.

**Note:** You may need to contact your Exchange Server administrator for required sign-in information.

5. Configure the account options as necessary and tap NEXT.

6. Follow the onscreen prompts to complete.

**Note:** All of your email accounts are now managed in the Gmail app. You can register and view all your accounts, including personal and business, on Gmail.

**Text Messaging and MMS**

**Compose Text Messages**

1. From the Home screen, tap Apps > Messenger.

2. On the Messenger screen, tap .

3. Fill in one or more recipients. You can enter phone numbers or email addresses in the To field. If you are sending the message to several recipients, separate the phone numbers or email addresses with a comma.

**Tip:** You can type a name or email address saved in your Contacts to bring up the contact information.

4. Tap the Send message field and then start composing your message.

5. When done, tap .

**Send a Multimedia Message (MMS)**

1. From the Home screen, tap Apps > Messenger.

2. On the Messenger screen, tap .

3. Fill in one or more recipients. You can enter phone numbers or email addresses in the To field. If you are sending the message to several recipients, separate the phone numbers or email addresses with a comma.

**Tip:** You can type a name or email address saved in your Contacts to bring up the contact information.

4. Tap Send message and then start composing your message.
5. Tap 📖 and select from the following file attachments:
   - 📕 = Take a picture to attach or record a video to attach.
   - 📝 = Select a stored picture to attach.
   - 📖 = Select a pictogram to attach.
   - 🎤 = Record an audio file to attach.
   - 📍 = Select a location to attach.

**Tip:** To remove an attachment, tap ✗.

6. When done, tap ✅.

**Save and Resume a Draft Message**
While composing a text or multimedia message, press Back ✅ to save your message as a draft.

To resume composing the message:

1. On the Messenger screen, tap the message to resume editing it.

2. When you have finished editing the message, tap ✅.

**New Messages Notification**
Depending on your notification settings, the phone will play a ringtone, vibrate, or display the message at your lock screen and in your Notifications panel to notify you of a new text or multimedia message.

**Read a Message**

► Do one of the following:
   - On the Messenger screen, tap the message thread to open and read it.
   - If you have a new message notification, swipe down from the top of the screen to open the Notifications panel. Tap the new message to open and read it.

**Reply to a Message**

1. From the Home screen, tap Apps 📱 > Messenger.

2. On the Messenger screen, tap a text or multimedia message thread to open it.
3. Tap the text box at the bottom of the screen, enter your reply message, attach files if desired and then tap 🔄.

Delete a Message Thread

1. From the Home screen, tap Apps ⚙️ > Messenger.

2. On the Messenger screen, touch and hold the message thread that you want to delete. Tap another thread to select multiple threads.

3. Tap 📦.

4. When prompted to confirm, tap DELETE.

– or –
1. While viewing a message thread, tap 📦 > Delete.

2. When prompted to confirm, tap DELETE.

Delete a Single Message

1. While viewing a message thread, touch and hold the message that you want to delete.

2. Tap 📦.

3. When prompted to confirm, tap DELETE.

Text and MMS Settings

1. From the Home screen, tap Apps ⚙️ > Messenger.

2. On the Messenger screen, tap 📦 > Settings to configure message settings:

   - **Default SMS app**: Select your default Messaging app.
   - **Outgoing message sounds**: Select this option if you want the phone to ring when you send a new text or multimedia message.
   - **Notifications**: Select this option if you want to display a notification in the status bar when a new text or multimedia message arrives.
   - **Sound**: Select a ringtone that is specific to new text and multimedia messages.
   - **Vibrate**: Select this option if you want the phone to vibrate when a new text or multimedia message arrives.
   - **Your current country**: Select your current country.
   - **Advanced**: Set advanced options.
Social Networking Accounts
Stay in touch while on the go with all your social networking accounts.

YouTube
YouTube™ is a video sharing website on which users can upload and share videos. The site is used to display a wide variety of user-generated video content, including movie clips, TV clips, and music videos, as well as video content such as video blogging, informational shorts and other original videos.

Open YouTube

► From the Home screen, tap Apps > YouTube.

Note: Terms of Service may appear. Tap ACCEPT, if you agree to the Terms of Service.

Watch YouTube Videos
1. On the YouTube screen, tap a video.
2. Tap the screen to show the progress bar at the bottom. Tap the screen while the bar is displayed to pause/play the video. Move the slider on the bar to the left or right to rewind or fast-forward the video.

Search for Videos
1. On the YouTube screen, tap on the screen to open the search box.
2. Enter the keyword to search. Search results appear below the status bar.
3. Tap a video to watch it.

Hangouts
Hangouts is an application for instant messaging offered by Google.

1. From the Home screen, tap Apps > Hangouts.
2. If you have already signed in to a Google account, the Hangouts screen is displayed.
   – or –
   Tap Or create a new account to create a new Google account, or sign in to an existing Google account.
3. Follow the onscreen instructions.
Apps and Entertainment

All your phone’s features are accessible through the Apps list.

Google Play Store App

Google Play™ is your digital content destination to discover Android apps, books, movies, music and much more. Choose from a wide variety of free and paid content ranging from productivity apps and games to bestselling books and blockbuster movies and music. When you find what you want, you can easily download and install it on your phone.

To access the Google Play Store app, you must first connect to the Internet using data services or Wi-Fi data connections and sign in to your Google Account. See Web and Data and Sign In to Your Google Account.

Find and Install an App

When you install apps from the Google Play Store app and use them on your phone, they may require access to your personal information (such as your location, contact data, and more) or access to certain functions or settings of your phone. Download and install only apps that you trust.

1. From the Home screen, tap Apps 📱 > Play Store.

2. Find an app you want and tap it to open its details screen.

Note: Your Google Play Store app will update automatically when available.

3. Tap an app to read a description about the app and user reviews.

4. Tap INSTALL (for free applications) or the price button (for paid applications).

Note: If you have not set up your payment method on your Google account, you are prompted to enter your billing information to set it up.

5. The subsequent screen notifies you whether the app will require access to your personal information or access to certain functions or settings of your phone. If you agree to the conditions, tap ACCEPT to begin downloading and installing the app.

If you selected a paid application, after tapping ACCEPT, follow the onscreen instructions to add a payment method and complete your purchase.

Warning: Read the notification carefully! Be especially cautious with applications that have access to many functions or a significant amount of your data. Once you tap ACCEPT on this screen, you are responsible for the results of using this item on your phone.
Google Play Store Options

Some convenient options are available with the Google Play Store app. Available options may vary.

 ► In the Google Play Store app, tap ☐ on the top left of the screen to display the following options:

 **Tip:** You can also touch and hold the left end of the screen and slide it to the right to display the options.

 - The account name you are currently logged in to the Google Play Store app is displayed. To log in with another account stored on your phone, tap ☐ next to the account name and select an account.
 - Touch the empty area on the right side of the options screen to return to the Google Play Store homepage.
 - **Apps & Games** displays the Apps Home screen.
 - **My apps & games** displays the lists of apps installed on your phone.
 - **Entertainment** displays the Entertainment Home screen.
 - **Account** allows you to manage your account.
 - **Redeem** allows you to redeem Google Play Store gift card and promotional code.
 - **Wishlist** displays the apps you have bookmarked. To bookmark an app, tap the bookmark icon ☐ on the apps detailed screen.
 - **People** displays a list of person resources, each of which represents a Google+ user.
 - **Settings** to manage settings for Google apps and services.

**Note:** Tap **Help & Feedback**, **Parent Guide**, and **About Google play** for additional options.

Request a Refund for a Paid App

If you are not satisfied with an app, you can ask for a refund within 15 minutes of the purchase, unless otherwise stated by the app developer. Your account is not charged and the app is uninstalled from your phone.

If you change your mind, you can install the app again, but you can’t request a refund a second time.

1. From the Home screen, tap **Apps (≡) > Play Store**.

2. Tap ☐ on the top left of the screen, or touch and hold the left end of the screen and slide it to the right, and tap **My apps & games**.
3. Tap the app to uninstall for a refund. The details screen for the app opens.
4. Tap **Refund**. Your app is uninstalled and the charge is cancelled.

**Open an Installed App**

There are options for opening an installed app.

- On the status bar, check if you see the 📱 icon. If you see the 📱 icon, open the Notifications panel, and then tap the app to open it.

  - or –

1. From the Home screen, tap **Apps** 📸.
2. Locate the app and tap the icon.

  - or –

1. From the Home screen, tap **Apps** 📸 > **Play Store**.
2. Tap ☐️ on the top left of the screen, or touch and hold the left end of the screen and slide it to the right, and tap **My apps & games**.
3. Locate the app and tap the icon.
4. Tap **OPEN**.

**Uninstall an App**

You can uninstall any app that you have downloaded and installed from the Google Play Store app.

1. From the Home screen, tap **Apps** 📸 > **Play Store**.
2. Tap ☐️ on the top left of the screen, or touch and hold the left end of the screen and slide it to the right, and tap **My apps & games**.
3. Tap the app you want to uninstall, and tap **UNINSTALL**.
4. When prompted, tap **OK** to remove the app from your phone.

   - or –

1. From the Home screen, tap **Apps** 📸 > **Settings** > **Apps**.
2. Tap 📚 to display the drop-down list, and tap **Downloaded**.
3. Tap the app you want to uninstall, and tap **UNINSTALL**.
4. When prompted, tap **OK** to remove the app on your phone.

**Google Maps**

Use the Google Maps app to determine your location, find directions, browse local businesses and attractions, rate and review places, and more.

Enable Location Services on Your Phone

Before using any location-based services, you must enable your phone’s GPS location feature. See Location Settings.

Open Google Maps

► From the Home screen, tap **Apps > Maps**.

**Note:** When you open the Google Maps apps for the first time, the Welcome to Google Maps screen will appear. Tap **ACCEPT & CONTINUE** if you agree to the Terms of Service and Privacy Policy.

**Note:** The Maps screen and menu options may vary depending on the version installed on your phone.

Find Your Current Location

**Note:** Don’t forget to set your location sources.

On the Google Maps screen, tap **📍**. A blue arrow indicates your current location on the map. This feature is available when the location setting is enabled. See Location Settings.
Search Maps

1. On the Google Maps screen, tap inside the Search bar at the top of the screen.

2. Type the place that you want to search. You can enter an address, a city, or type of establishment.

Tip: Tap 🎤 to enter the location by speaking.

3. Tap a matching result on the drop-down list, or tap 📀 on the keyboard. A red marker appears on the map to indicate the location together with a label at the bottom of the screen.

4. Tap the marker or the label to open the menu for the location.

Add Map Layers

Layers allow you to view locations and additional info overlaid on the map. Some of the layers are available in selected areas only.

► On the Google Maps screen, tap ⬇️ on the top left of the screen, or touch and hold the left end of the screen and slide it to the right:

- **Traffic**: Provides real-time traffic information. The colors on the roads indicate the traffic conditions.
- **Public transit**: Provides available transit information.
- **Bicycling**: Provides possible cycling routes.
- **Satellite**: Provides the hybrid view of road labels overlaid on a satellite image.
- **Terrain**: Provides a shaded relief view of topographic features.
- **Google Earth**: Launches the Google Earth app and displays your location in Google Earth.

Get Directions

1. On the Google Maps screen, tap 📍

2. Specify the starting point and the destination:

Tip: To display your Home and Work as options, tap ⬇️ at the top left of the Google Maps screen, select Your places, and then enter their addresses.

- The starting point is set to your current location as default. To change it, tap Your location and type a new point in the Choose starting point field or select a point from the list.
Tap **Choose destination** and type your destination or select a destination from the list.

Tap 🔎 to switch the starting point and the destination.

3. Select the method to get to the destination (by car, by public transit, or by foot).
   - You may tap OPTIONS to configure available settings options.

4. Tap the result to see the details.

**Music**

You can play digital audio files saved on the phone or the storage card using music apps. See **Use the Phone’s microSD Card as a Media Device** for copying files.

**Play Music**

Access the Play Music app to enjoy your favorite music.

**Access the Play Music App**

1. From the Home screen, tap **Apps (≡) > Play Music**. The Google Play Music screen appears.

   **Note:** If you have signed up for Google Music™, the first time you open the Play Music application you will be prompted to select the account whose online music library you want to access from the Google Play Music application. Follow the onscreen instructions to continue.

2. Tap ☰ on the top left of the screen, or touch and hold the left side of the screen and slide it to the right, to display the screen options.

   - **Listen Now:** Your starting point to play music. See **The Listen Now Screen** below.
   - **Top charts:** Displays Google Play Music best hit charts.
   - **New releases:** Displays Google Play Music newly released music.
   - **Music library:** Your music is sorted by **PLAYLISTS, ARTISTS, ALBUMS, SONGS** and **GENRES**.
   - **Browse stations:** Allows you to download radio stations to your device.
   - **Downloaded only:** Allows you to show only the downloaded music on your device. Tap the switch to turn the feature on or off.
   - **Settings:** Allows you to change your settings on the Google Play Music.
   - **Help & Feedback:** Displays Play Music help page.
The Listen Now Screen

Learn the basics to use the Play Music application.

► Tap **Shuffle all** to play the music on your phone in shuffle mode.

► Tap an album image and then tap a song in the album to play it.

► Tap : for available options.

► Tap **Search** to search for music.

The label of the currently played song appears at the bottom of the screen when you play music. Simply tap ■ or ▶ on the label to manage the music or tap the label for more control options.

**Back Up Your Downloaded Music Files**

It is recommended that you back up your downloaded music files to your computer. Although the downloaded files can only be played on your phone and on your account, backing them up to your computer lets you access the files in case your microSD card is lost or damaged, or if you install a new microSD card. See **microSD Card**.

1. Connect your phone to your computer using a USB cable.

2. Use your computer to navigate to the microSD card’s Music folder.

3. Select and copy the music files to a folder on your computer’s hard drive.
Web and Data

Your phone’s data capabilities let you wirelessly access the Internet or your corporate network through a variety of connections, including Wi-Fi, 4G LTE, 4G, 3G, 2G, GPRS, and Virtual Private Networks (VPN).

The following topics address your phone’s data connections and the built-in Web browser. Additional data-related features can be found in Accounts and Messaging, Apps and Entertainment, and Tools and Calendar.

Wi-Fi

Wi-Fi provides wireless Internet access. To use your phone’s Wi-Fi, you need access to a wireless access point or “hotspot.”

The availability and range of the Wi-Fi signal depends on a number of factors, including infrastructure and other objects through which the signal passes.

Turn Wi-Fi On and Connect to a Wireless Network

Use the Wireless & networks setting menu to enable your phone’s Wi-Fi radio and connect to an available Wi-Fi network.

1. From the Home screen, tap Apps > Settings > Wi-Fi.

2. Tap the ON/OFF switch to turn Wi-Fi on. The network names of detected Wi-Fi networks are displayed.

3. Tap a Wi-Fi network to connect. If you selected an open network, you will be automatically connected to the network. If you selected a network that is secured with a password, enter the password and then tap CONNECT.

Depending on the network type and its security settings, you may also need to enter more information or choose a security certificate.

When your phone is connected to a wireless network, the Wi-Fi icon appears in the status bar and tells you the approximate signal strength. (The above icon indicates maximum signal strength.)

If Network notification in Advanced Wi-Fi settings is enabled, the open network icon appears in the status bar whenever the phone detects an available open wireless network within range.

Note: The next time your phone connects to a previously accessed secured wireless network, you will not be prompted to enter the password again, unless you reset your phone to its factory default settings or you instruct the phone to forget the network.
Note: Wi-Fi networks are self-discoverable, which means no additional steps are required for your phone to connect to a Wi-Fi network. It may be necessary to provide a user name and password for certain closed wireless networks.

Check the Wireless Network Status
Check the status of your current wireless network, including speed and signal strength, through the Wi-Fi settings menu.

1. From the Home screen, tap Apps > Settings > Wi-Fi.

2. Tap the wireless network that the phone is currently connected to. You will see a message box showing the Wi-Fi network name, status, signal strength, speed, and other details.

Note: If you want to remove the phone’s wireless network settings, tap FORGET on this window. You need to enter the settings again if you want to connect to this wireless network.

Connect to a Different Wi-Fi Network
Use the Wireless & networks settings menu to scan for and connect to a different Wi-Fi network.

1. From the Home screen, tap Apps > Settings > Wi-Fi.

   - Detected Wi-Fi networks are displayed in the Wi-Fi networks section. To manually scan for available Wi-Fi networks, tap > Refresh.

2. Tap another Wi-Fi network to connect to it.

Note: If the wireless network you want to connect to is not in the list of detected networks, tap > Add network. Enter the wireless network settings and tap SAVE.

The Wi-Fi Settings Menu
The Wi-Fi settings menu lets you turn Wi-Fi on or off, set up and connect to available Wi-Fi networks, and configure advanced Wi-Fi options.

► From the Home screen, tap Apps > Settings > Wi-Fi.

   - Tap for the following menus:

     • Add network to add a new Wi-Fi network.
     • Saved networks to display the connected Wi-Fi network.
     • Refresh to manually scan for available Wi-Fi networks.
     • Advanced to configure advanced Wi-Fi settings, which include:
       ▪ Network notification to notify whenever a public network is available.
- **Keep Wi-Fi on during sleep** to stay connected to Wi-Fi when the screen goes to sleep to manage mobile data usage.

- **Install certificates** to install the certificates for communicating via Wi-Fi.

- **Wi-Fi Direct** to use a peer-to-peer Wi-Fi connection. The Wi-Fi client and the hotspot operation will be disabled while Wi-Fi direct is enabled.

- **WPS Push Button** to set up a Wi-Fi Protected Setup connection by pressing the set up button on the router.

- **WPS Pin Entry** to set up a Wi-Fi Protected Setup connection by entering the PIN on your router.
  - **MAC address** to display the Media Access Control (MAC) address of your phone when connected to a Wi-Fi network.
  - **IP address** to display the Internet Protocol (IP) address assigned to your phone by the Wi-Fi network you are connected to (unless you used the IP settings to assign it a static IP address).

### Data Services

The following topics will help you learn the basics of using your data services, including managing your user name, launching a data connection, and navigating the Web with your phone.

**Important:** Certain data services requests may require additional time to process. While your phone is loading the requested service, the touchscreen may appear unresponsive when in fact they are functioning properly. Allow the phone some time to process your data usage request.

### Data Connection Status and Indicators

Your phone displays the current status of your data connection through indicators at the top of the screen. The following symbols are used:

<table>
<thead>
<tr>
<th>Icon</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="4G LTE" /></td>
<td>Your phone is connected to the high-speed 4G LTE network.</td>
</tr>
<tr>
<td><img src="image" alt="4G" /></td>
<td>Your phone is connected to the 4G network.</td>
</tr>
<tr>
<td><img src="image" alt="3G" /></td>
<td>Your phone is connected to the 3G network.</td>
</tr>
<tr>
<td><img src="image" alt="2G" /></td>
<td>Your phone is connected to the 2G network.</td>
</tr>
<tr>
<td>Icon</td>
<td>Description</td>
</tr>
<tr>
<td>------</td>
<td>-------------</td>
</tr>
<tr>
<td><img src="image" alt="GPRS icon" /></td>
<td>Your phone is connected to the GPRS (General Packet Radio Service) network.</td>
</tr>
</tbody>
</table>

When the arrows are animated, your phone is transferring data (for example, when you are opening a Web page); when the arrows are gray, your phone is connected to the network but is not currently transferring data (for example, when you are viewing a Web page that is completely open). In either state, you can receive incoming calls.

If you do not see an indicator, your phone does not have a current data connection.

**Virtual Private Networks (VPN)**

From your phone, you can add, set up, and manage virtual private networks (VPNs) that allow you to connect and access resources inside a secured local network, such as your corporate network.

**Prepare Your Phone for VPN Connection**

Depending on the type of VPN you are using at work, you may be required to enter your login credentials or install security certificates before you can connect to your company’s local network. You can get this information from your network administrator.

Before you can initiate a VPN connection, your phone must first establish a Wi-Fi or data connection. For information about setting up and using these connections on your phone, see Turn Wi-Fi On and Connect to a Wireless Network.

**Install Security Certificates**

Your network administrator may instruct you to download and install security certificates to connect to the network.

1. Download and install the certificates needed to access your local network into a microSD card. Your network administrator can tell you how to do this.

2. Insert the microSD card into your phone. See Insert or Remove a microSD Card.

3. From the Home screen, tap Apps > Settings > Security > Install from SD card, and install the necessary security certificates.

**Add a VPN Connection**

Use the Wireless & networks settings menu to add a VPN connection to your phone.

1. From the Home screen, tap Apps > Settings > More > VPN > Basic VPN.

**Note:** Tap Advanced IPsec VPN to access the KeyVPN app.
2. If you are asked to set up a screen lock, tap **OK** and set up a required type of lock. To set up a screen lock, see **Lock Screen Settings**.

3. Tap ➕ and enter the information for the VPN you want to add.
   - Information may include Name, Type, Server address, PPP encryption (MPPE), and advanced options.
   - Set up all options according to the security details you have obtained from your network administrator.

4. Tap **SAVE**.

The VPN is then added to the VPNs section of the VPN settings screen.

**Connect to or Disconnect from a VPN**

Once you have set up a VPN connection, connecting and disconnecting from the VPN is easy.

**Connect to a VPN**

1. From the Home screen, tap **Apps ➔ Settings ➔ More ➔ VPN ➔ Basic VPN**.

2. In the VPNs section, tap the VPN that you want to connect to.
   - Tap ➔ **Always-on VPN** to select a VPN profile to always remain connected to.

3. When prompted, enter your login credentials, and then tap **CONNECT**. When you are connected, a VPN connected icon appears in the notification area.

4. Open the Web browser to access resources such as intranet sites on your corporate network. For more information about browsing the Web, see **Learn to Navigate Chrome**.

**Disconnect from a VPN**

1. Slide the status bar down to open the Notifications panel.

2. Tap the VPN connection to return to the VPN settings screen, and then tap the VPN connection to disconnect from it.

When your phone has disconnected from the VPN, a VPN disconnected icon briefly appears in the notification area.

**Browser**

Your phone’s Web browser gives you full access to both mobile and traditional websites on the go, using data services or Wi-Fi data connections.
Launch Chrome
Launching Chrome is as easy as tapping an icon.

► From the Home screen, tap Apps > Chrome.

Learn to Navigate Chrome
Navigating through menus and websites during a data session is easy once you have learned a few basics.

Scrolling
As with other parts of your phone’s menu, you’ll have to drag up and down to see everything on some websites.

To scroll through a website’s page:

► In a single motion, touch and drag across or up and down a page.

Selecting
To select onscreen items or links:

► Scroll across a page, and then tap an item or onscreen link.

Links, which are displayed as underlined text, allow you to jump to Web pages, select special functions, or even place phone calls.

Pinching and Zooming
Zooming in and out on a Web page can be done without the need of an onscreen zoom tool. Just use your fingers to pinch in or spread out on the screen.

To zoom in:
1. Place your thumb and index finger on the screen.
2. Expand them outward (spread) to zoom in.

To zoom out:
1. Place your thumb and index finger on the screen.
2. Bring them together (pinch) to zoom out.

Go Back
To go back one page:
Press Back ▪ on your phone. Repeat this process to keep going back through your Web page history of recently visited pages.

Go to a Specific Website

1. Tap the search/address field at the top of the browser window and enter a new Web address.
   - As you enter the address, possible matches are displayed within an onscreen list. Tap an entry to launch the desired website.

Tip: You can also enter a search term into the field to perform a Web search.

2. Tap ➡ on the keyboard to launch the new page.

Chrome Menu
The Chrome menu offers additional options to expand your use of the Web on your phone.

Open the Chrome Menu
The Chrome menu may be opened anytime you have an active data session, from any page you are viewing.

From the Home screen, tap Apps ☰ > Chrome > ●.

Options available within the Chrome menu may include:

- ➡: Returns you to the previously viewed page.
- ★: Adds the currently viewed page to a bookmark.
- 🌐: Show information about the currently viewed page.
- ⏹️: Reloads the currently viewed page.
- New tab: Opens a new page as a new tab.
- New Incognito tab: Opens a new incognito page. Those pages you view in incognito tab will not appear in your browser history or search history, and they will not leave other traces on your phone like cookies after you close all open incognito tabs. Any bookmarks you create will be preserved.
- Bookmarks: Allows you to access and manage your bookmarks.
- Recent tabs: When you sign into Chrome, allows you to refer to the open tabs, bookmarks, and data from other devices logged in with the same account.
- History: Displays the browsing history.
• **Share...**: Allows you to share the current Web page via Bluetooth, Gmail, Message+, etc.
• **Print...**: Displays the printing options.
• **Find in page**: Searches the current Web page for a word.
• **Add to Home screen**: Creates a shortcut icon of the current page on the Home screen.
• **Request desktop site**: Displays the PC site of the current Web page.
• **Settings**: Lets you configure and manage your Chrome settings.
• **Help & feedback**: Opens a support page for Chrome.

**Note**: The Chrome menu options may vary depending on the version installed on your phone.

**Select Text on a Web Page**

You can highlight text on a Web page and copy it, search for it, or share it.

1. Scroll to the area of the Web page containing the text you want to select.

2. Touch and hold the text you want to copy. Drag the tabs to expand or reduce the range of the selected text. Any selected text will appear highlighted.

3. Select an option:

   - **COPY** to copy the selected text.
   - **SHARE** to share the selected text via Bluetooth, Gmail, Message+, etc.
   - **SELECT ALL** to select all the text on the Web page.
   - Tap for the following menus:
     - **WEB SEARCH** to launch a Web search for the selected text.
     - **ASSIST** to launch Now on tap to search using Google.
Manage Bookmarks

Make browsing easier by setting up and using custom bookmarks.

View Bookmarks

► From the Home screen, tap Apps > Chrome > Bookmarks.

Create Bookmarks

1. From the Home screen, tap Apps > Chrome.
2. Open the Web page you want to bookmark.
3. Tap > .

Edit Bookmarks

1. From the Home screen, tap Apps > Chrome > Bookmarks.
2. Touch and hold the bookmark you want to edit and tap .
   – or –
1. From the Home screen, tap Apps > Chrome.
2. Tap > on the Web page you want to edit.
3. Edit the bookmark. Tap to remove the bookmark.

Mobile HotSpot

Mobile HotSpot allows you to turn your phone into a Wi-Fi hotspot. The feature works best when used in conjunction with 4G LTE data services.

Activate Mobile HotSpot

Note: Use of this service requires a subscription. Follow the onscreen instructions to subscribe to this service.

1. From the Home screen, tap Apps > Settings > More > Tethering and Mobile HotSpot.

Tip: You can also access this feature by tapping Mobile HotSpot from the Home screen.

2. Tap Set up Mobile HotSpot > Configure Mobile HotSpot.
3. Edit the Network name field and then create a new Network name.
4. Tap ▼ in the Security field and verify the security level is set to WPA2 PSK.

5. Edit the Password field and then enter a new password.

6. Select the Broadcast network name (SSID) check box if you would like to broadcast your SSID name to nearby devices.

7. Tap SAVE.

8. Tap the ON/OFF switch next to Mobile HotSpot to turn it on.

   - If your phone’s mobile data access is not enabled, you will be prompted to turn it on. Follow the onscreen instructions.

9. Confirm the HotSpot active icon ☑ appears at the top of the screen.

**Note:** The best way to keep using the phone as a hotspot is to have it connected to a power supply.

**Tip:** Once Mobile HotSpot has been turned on, your SSID and password will be displayed under "Mobile HotSpot."

Mobile HotSpot Settings

To set the timer for turning Mobile HotSpot off:

1. From the Home screen, tap Apps > Settings > More > Tethering and Mobile HotSpot > Set up Mobile HotSpot > Mobile HotSpot turn off timer.

2. Select a timer option.

To limit maximum connections:

1. From the Home screen, tap Apps > Settings > More > Tethering and Mobile HotSpot > Set up Mobile HotSpot > Maximum connections.

2. Select the number of devices you will allow to connect.

To change the Mobile HotSpot network SSID or password:

1. From the Home screen, tap Apps > Settings > More > Tethering and Mobile HotSpot > Set up Mobile HotSpot > Configure Mobile HotSpot.

2. Tap the Security field and select WPA2 PSK.

3. With security enabled, delete the previous network SSID or password and enter a new one into the field.

4. Tap SAVE to store the new settings.
**Note:** The more complex the password, the harder it will be for intruders to break your security. It is recommended that you not use names, birthdays, or other personal information.

Connect to Mobile HotSpot

1. Enable Wi-Fi (wireless) functionality on your target device (laptop, media device, etc.).
2. Scan for Wi-Fi networks from the device and select your phone’s hotspot from the network list.
3. Select this device and follow the onscreen instructions to enter the passkey (provided on the Mobile HotSpot page).
4. Launch your web browser to confirm you have an Internet connection.

**Note:** You need to insert a nano SIM card in your phone to share your phone’s data connection with other devices using USB/Bluetooth tethering and Mobile HotSpot for Internet access.

**Note:** Using both data service and Mobile HotSpot drains your phone’s battery at a much faster rate than when using any other feature combination.

**Tethering**

You can share your phone’s Internet connection via a USB cable or Bluetooth.

**USB Tethering**

You can tether your phone to your computer with a USB cable and share your phone’s Internet connection with your computer.

1. From the Home screen, tap Apps > Settings > More > Tethering and Mobile HotSpot.
2. Tap the ON/OFF switch next to USB tethering to turn it on.

**Note:** Use of this service requires a subscription. Follow the onscreen instructions to subscribe this service.

**Bluetooth Tethering**

You can share your phone’s Internet connection with Bluetooth devices via Bluetooth.

1. From the Home screen, tap Apps > Settings > More > Tethering and Mobile HotSpot.
2. Tap the ON/OFF switch next to Bluetooth tethering to turn it on.
3. Pair your phone with a Bluetooth device. If they are already paired, establish their connection. See Connect a Bluetooth Headset or Car Kit or Reconnect a Headset or Car Kit for details.
Camera and Camcorder

You can use the camera or camcorder to take and share pictures and videos. Your phone comes with an 13.0 megapixel back camera with an autofocus feature and 5.0 megapixel front camera that let you take sharp pictures and videos and also has the Super Wide-View FHD Action Camera that allows you to take wide angle shots.

Use the Camera App

The following topics teach you how to take pictures and record videos.

Open or Close the Camera App

The first step to take a picture or record a video is to open the camera app.

Open the Camera App

► Press and hold the camera key on the lower right side of the phone.

– or –

From the Home screen, tap Apps > Camera.

Close the Camera App

► On the camera screen, press Home ○ or Back ◀.

Viewfinder Screen

The viewfinder screen lets you view your subject and provides controls and options for taking pictures or recording videos.

- Zoom Slider: Adjusts your zoom level. Pinch the screen with two fingers to display the zoom slider.
● **Thumbnail**: Displays the thumbnail of the latest image. Tap to view and manage.

● **Shutter Button**: Takes a picture.

● **Record Button**: Records a video.

● **MENU Button**: Opens the camera and camcorder settings menu. For more information, see **Camera and Camcorder Settings**.

● **Flash Button**: Helps illuminate subjects in low-light environments.

● **Switch Button**: Switches between the back camera and the front camera.

● **Wide View Button**: Switches between the back camera and the Wide-View Action Camera.

● **Available Shots/Time**: Displays remaining shots/time with the current settings. This setting appears only if the available memory drops below 500 MB.

**Take a Picture or Record a Video**

You can record high quality images with your phone’s camera and camcorder.

1. Press and hold the camera key on the lower right side of the phone.

   – or –

   From the Home screen, tap **Apps** > **Camera**.

2. Do the following to change the settings:

   - Tap \( \text{Menu} \) to switch between the front camera and the back camera.

   - Tap **MENU** to change the camera and camcorder settings as desired. See **Camera and Camcorder Settings**.

   - Pinch or spread to display the slider and zoom in or out on the slider, to zoom in or out on your subject. You can also press the Volume key up or down to zoom in or out.

   - Tap any point to focus the area.

3. Frame your subject on the screen.

   **Tip**: Hold the phone vertically when taking portrait shots or hold the phone horizontally when taking landscape shots.

4. Tap \( \text{Shutter} \) or press the camera key, to take a picture.

   – or –
Tap 📹 to record a video. Tap 🎬 or ⏯️ to pause or resume recording. To stop recording, tap 🎬.

5. Choose what you want to do with the image you’ve just taken or recorded. See Review Screen below.

**Review Screen**

After taking a picture or video, tap the thumbnail image to see the item in the review screen. From there, you can instantly edit your photos, replay videos, or share your photos or videos (see View Pictures and Videos Using Photos and Share Pictures and Videos).

To review the image:

► Tap the thumbnail image on the screen.

To display options for the displayed image:

► Tap the image to display available options.

- **Menu**: Displays available menus for the image. Available menus may vary:
  - **Slideshow**: Starts the slideshow of the pictures stored in the Photos application.
  - **Use as**: Sets the picture as the contact photo or wallpaper.
  - **Print**: Prints the selected picture.

- **Delete**: Deletes the currently displayed image. Tap DELETE to confirm the deletion.

- **Details**: Shows the details of the picture.

- **Edit**: Displays the editing options. For details, see Edit a Picture.

- **Share**: Displays available applications to share your image.
Underwater Mode

You can take a picture or record video also in the water. Your phone is immersible in water for up to 30 minutes at a depth not exceeding two meters (about 6.56 ft.).

**Warning:** Avoid using phone in saltwater. It is highly corrosive and can damage internal components and degrade the audio performance over time.

1. From the Home screen, tap Apps (Apps) > Camera > MENU > Mode > Underwater.

**Tip:** When “Underwater detection” is set to on and the phone is submerged in water, your Camera will change automatically to Underwater Mode.

2. In Underwater Mode, the following physical keys are used instead of touch screen icons.
   - **Camera key** to take a picture.
   - **Programmable key** to start/stop recording a video or display the help information.
   - **Speaker key** to open or close the menu screen.
   - **Volume key** up/down to zoom in/out or scroll through the options.

**Warning:** Before immersing your phone in the water, make sure all ports and covers are properly seated, with no foreign objects obstructing the seals, to maintain the waterproof capability. The phone should never be used under water with broken or open SIM/microSD slot cover.

**Note:** After using your phone in the Underwater Mode, immediately rinse the phone gently in clean fresh water. The phone should be dried using a very specific procedure. See Drying Your Phone.

Camera and Camcorder Settings

You can adjust the settings of your camera and camcorder by tapping MENU on the viewfinder screen. Some options are available for the back camera or camcorder only.

- **Auto:** Takes a picture using the recommended settings.
- **Manual:** Customizes settings for taking photos and videos.
- **Mode:** Select from Effect, Panorama, Underwater, Slow motion, Time lapse, Night view, or Sports.
  - **Effect:** Adds an effect to the picture or video.
  - **Panorama:** Takes a panorama picture as you pan the phone sideways.
  - **Underwater:** Allows you to take a picture or record a video under water. See Underwater Mode.
- **Slow motion**: Records a video or view in slow motion.
- **Time lapse**: Selects the time lapse recording setting from 1s, 2s, 3s, 5s, or 10s.
- **Night view**: Takes a picture or records a video with the night effect.
- **Sports**: Takes a picture or records a video of sports action.
- **Size**: Select from **16:9**, **4:3**, **1:1**, or **MMS**.
- **HDR**: Takes a series of pictures at different exposure levels and combines them into a single image (back camera only). Select **On**, **Off** or **Auto**. Select **Save original photo** check box to save the original image.
- **Image stabilization**: Select **On** or **Off**.
- **Grid**: Select from **On** or **Off**.
- **Self timer**: Select from **Off**, **2 sec.**, **5 sec.**, or **10 sec.**
- **Other settings**:
  - **Add location**: Stores the location information of the image. Select **On** or **Off**.
  - **Shutter sound**: Select **On** or **Off**.
  - **Camera key**: Select a function to assign to the camera key from **Photo** or **Video**.
  - **Audio recording**: Select **Unmute** or **Mute**.
  - **Storage**: Select where to store your pictures and videos from **Phone** or **SD card** (only available when the microSD card is inserted).
  - **Underwater detection**: Select **On** or **Off**.
  - **Reset settings**: Restores all the camera and camcorder settings to original state. Tap **RESET** to confirm.
  - **Help**: Displays the help information for camera.

**Note**: Available options may vary according to the subject and shooting/recording mode.

**View Pictures and Videos Using Photos**

Using the Photos application, you can view pictures and watch videos that you’ve taken with your phone’s camera, downloaded, or copied onto your microSD card or phone’s internal memory.

For pictures that are on your microSD card or phone’s internal memory, you can do basic editing such as rotating and cropping. You can also easily assign a picture as your contact picture or wallpaper and share pictures with your friends.
Open or Close Photos

Open the Photos App

► From the Home screen, tap Apps > Photos.

To view pictures and videos organized by category (Photos, Albums, etc.) or other applications, tap and select an item.

When viewing pictures in Photos, scroll left or right to view more albums. Simply tap an album to view the pictures or videos in that album.

Note: Depending on the number of pictures stored, it may take some time for Photos to load all your albums on the screen.

Close the Photos App

► While in the Photos screen, press Home.

View Pictures and Videos

After selecting an album, you can browse through the pictures and videos of that album in grid view. Tap a picture or video to view.

1. From the Home screen, tap Apps > Photos.

2. Tap an image to view a picture or video.
For playing the video, tap ▶. Tapping the other areas of the screen will display the control options. Tap ◼ to pause the video, or drag the dot on the timeline to rewind or forward the video.

**Zoom In or Out on a Picture**

There are two ways you can zoom in or out on a picture.

► Tap the screen twice quickly to zoom in, and then tap the screen twice quickly again to zoom out.

– or –

Pinch the screen using your thumb and forefinger to zoom out or spread the screen to zoom in.

**Work with Pictures**

You can manage your pictures.

**Picture Options Menu**

Various options are available while viewing a picture. For details, see Review Screen.

**Edit a Picture**

Your phone has a built in editing tool and you can alter your pictures easily.

1. Tap a picture and tap ✒.
2. Tap a thumbnail for the labeled effect.
   - **Auto**: Optimizes the picture quality automatically.
   - **Light**: Displays the brightness slider.
   - **Color**: Displays the slider to adjust the saturation.
   - **Pop**: Displays the level correction slider.
   - **Vignette**: Displays the slider to adjust the vignette.

3. When finished, tap ✓

**Rotate and Save a Picture**

1. Tap the picture you want to rotate.

2. Tap ✎ > ✎.

**Crop a Picture**

1. Tap the picture you want to crop.

2. Tap ✎ > ✎ A crop box appears on the picture.

3. To adjust the crop box size, touch and hold the edge of the box, and drag your finger inward or outward to resize the crop box.

4. To move the crop box to the part of the picture that you want to crop, drag the crop box to the desired position.

5. Tap ✓ to apply the changes to the picture.

The cropped picture is saved in the album as a copy. The original picture remains unedited.

**Share Pictures and Videos**

The Photos application lets you send pictures and videos using email or multimedia messages. You can share pictures on your social networks. You can also send them to another phone or your computer using Bluetooth. You can see some of the examples to share your pictures and videos below.

**Send Pictures or Videos by Gmail**

You can send several pictures, videos, or both in a Gmail message. They are added as file attachments to your email.

1. Touch and hold the picture or video to place a check mark on it. Tap multiple pictures and videos to select them.
2. Tap 🔄 > Gmail.

3. Compose your message and send a message.

**Note:** If you have multiple accounts, the default account will be used.

For more information about sending Gmail, see *Send a Gmail Message.*

**Send Pictures or Videos by Messenger**
You can send pictures and videos using the Messenger app. Although you can send several pictures or videos, it may be better to just send one at a time, especially if the files are large in size.

1. Touch and hold the picture or video to place a check mark on it. Tap multiple pictures and videos to select them.

2. Tap 🔄 > Messenger.

3. Compose your message and then tap 🔄.

For more information about multimedia messages, see *Text Messaging and MMS.*

**Send Pictures or Videos Using Bluetooth**
You can select several pictures, videos, or both and send them to another phone or your computer using Bluetooth.

1. Touch and hold the picture or video to place a check mark on it. Tap multiple pictures and videos to select them.

2. Tap 🔄 > Bluetooth.

3. You’ll be asked to turn on Bluetooth on your phone and connect to the receiving Bluetooth device so the files can be sent. For more information, see *Bluetooth.*

**Share Videos on YouTube**
You can share your videos by uploading them to YouTube™. Before you do this, you must create a YouTube account and sign in to that account on your phone.

1. Touch and hold the video to place a check mark on it. Tap multiple videos to select them.

2. Tap 🔄 > YouTube.

3. Enter the prompted information, such as title, description and tags, and select a privacy option.

4. Tap 🔄.
Tools and Calendar

Learn how to use many of your phone’s productivity-enhancing features.

Calendar

Use Calendar to create and manage events, meetings, and appointments. Your Calendar helps organize your time and reminds you of important events.

Note: If you have not added an account to sync with on your phone, you need to set one up.
From the Home screen, tap Apps > Settings > Accounts > Add account.

Add an Event to the Calendar

Add events to your calendar directly from the Calendar application.

Add an Event

1. From the Home screen, tap Apps > Calendar.

2. On any Calendar view, tap + > .

3. If you have multiple calendars, select a calendar to add the event to.

Note: You can create multiple Google Calendars only in Google Calendar on the Web. After creating them in Google Calendar on the Web, you’ll be able to see them in the Calendar application on your phone. For more information about creating and managing multiple Google Calendars, visit the Google website: calendar.google.com.

4. Enter the event name.

5. Specify the date and time of the event:
   - If there is a time frame for the event, tap the first line of dates and times to set them for the beginning of the event and the second line for the end of it.
   - If the event is a special occasion such as a birthday or an all-day event, tap All-day and set the dates.

6. If the event occurs on a regular basis, tap more options and tap Does not repeat to choose how often the event occurs.

7. Enter the event location.

8. Set the event reminder time and select how you are notified. Tap the default option to change or tap Add another notification to add another reminder.
9. Enter email addresses to invite guests to your event.

10. If you have already signed in to a Google account, select a color for the event.

11. Tap Add note to add event descriptions.

12. Tap SAVE.

Calendar Event Alerts
When your phone is turned on and you have an event alarm scheduled, your phone alerts you and displays the event summary. There are several ways your phone alerts you to scheduled events:

- By playing the assigned ringtone or vibration type.
- By showing on the status bar.

Event Reminders
If you have set at least one reminder for an event, the upcoming event icon will appear in the notifications area of the status bar to remind you of the upcoming event.

To view or postpone the reminder:

1. Swipe down from the top of the screen to open the Notifications panel.

2. Tap the event name to access the event.

3. The following options are available.
   - Tap > DELETE to delete the event.
   - Tap to edit the reminder settings.

To set reminder settings:

- On any Calendar view, tap > Settings > Events, and set the items under Default notifications and Default notifications for all-day events.

View Calendar Events
When you open the Calendar, you’ll see a list of your upcoming events. To change the Calendar view, tap displayed at the upper left corner, and choose an available option such as Schedule, Day, 3 Day, Week or Month. You can also tap the month name at the top of your calendar screen to choose a date to view.

Note: The Google Calendar options may vary depending on the version installed on your phone.
• **Schedule**: Schedule view show a list of all your schedule in chronological order.
• **Day**: Day view displays a list of the events of one day.
• **3 Day**: 3 Day view displays a list of the events of three days.
• **Week**: Week view displays a chart of the events of one week.
• **Month**: Month view displays markers on days that have events.

**Edit Calendar Events**
Edit your calendar events to keep your calendar up to date.

1. From the Home screen, tap Apps > Calendar.

2. Open the calendar event details:
   - In **Schedule**, **Day**, **3 Day**, and **Week** views, tap the calendar event you want to edit.
   - In **Month** view, tap the date where the calendar event occurs, and tap the calendar event.

3. Tap 📝.

4. Modify the event and tap **SAVE**.

5. If it is a recurring event, select **Change only this event** or **Change this and all future events**.

**Erase Calendar Events**
It’s easy to erase scheduled events from your calendar.

1. From the Home screen, tap Apps > Calendar.

2. Open the calendar event details:
   - In **Schedule**, **Day**, **3 Day**, and **Week** views, tap the calendar event you want to delete.
   - In **Month** view, tap the date where the calendar event occurs, and tap the calendar event.

3. Tap 🗑️.

4. Tap **Delete** and tap **OK**.

   – or –

   If the calendar event is recurring, select **This event** or **All following events**, and tap **OK**.
Clock
The Clock application functions as a world clock that shows the date and time. You can also use it to turn your phone into an alarm clock, a countdown timer, or a stopwatch.

World Clock
You can add the time from around the globe on the World Clock screen.

1. From the Home screen, tap Apps > Clock.
2. Tap WORLD CLOCK > and select the check box next to the city you want to display on the Clock screen.
3. Press Back or tap in the top-left corner of the screen to confirm.
   - The selected cities will be displayed at the top of the city list.

World Clock Settings
1. From the Home screen, tap Apps > Clock.
2. Tap WORLD CLOCK > and choose from the following options:
   - Style: Select the style of the clock to display. Choose from: Analog or Digital.
   - Automatic home clock: Check to add a clock with your home time to the screen while traveling in a different time zone.
   - Home time zone: Select the time zone for your home time.

Alarm
You can use your phone as an alarm clock. Simply tap the ON or OFF icon next to an alarm to turn it on or off.

Set an Alarm
1. From the Home screen, tap Apps > Clock.
2. Tap the ALARM tab to display the Alarms screen, if necessary.

Note: When you first open the alarms, three alarms are set up by default and ready for you to customize. These alarms are turned off by default.
3. Tap an existing alarm time to change the settings.
   - or -
Tap to add a new alarm.

4. Set the hours and minutes you want and tap OK. You will see the ON icon displayed next to the time you have set.

5. Select the Repeat check box and choose the days of the week you want the alarm to repeat.

6. Tap to select a ringtone that will play as an alarm.

7. Select the Vibrate check box to add a vibration feature to the alarm.

8. Tap Add label to add a name for the alarm.

Delete an Alarm

1. From the Home screen, tap Apps > Clock.

2. Tap the ALARM tab to display the Alarms screen, if necessary.

3. Tap on the alarm you want to delete.

4. Tap .

Phone at Alarm Time

- At the set alarm time, the phone sounds the alarm and/or vibrates.

- Stopping an alarm: When the alarm sounds, swipe DISMISS or tap DISMISS to dismiss it. Swipe SNOOZE or tap SNOOZE to postpone the alarm for the set duration.

Alarms Settings

1. From the Home screen, tap Apps > Clock.

2. Tap ALARM > and choose from the following options:

   - **Alarm volume:** Set the volume of the alarm.

   - **Snooze length:** Set the interval between the snoozes.

   - **Silence after:** Select the duration of the alarm to sound.

   - **Key behavior:** Select the behavior of the RECENT/HOME/BACK/CAMERA/Volume key when pressed while the alarm sounds. Choose from: Silence, Snooze, Dismiss, or Do nothing.
- **Default alarm sound**: Select the default alarm sounds.
- **Start week on**: Select the day that the week starts on the alarm.

**Timer**
You can use your phone as a countdown timer.

1. From the Home screen, tap Apps > Clock.
2. Tap the **TIMER** tab to display the Timer screen, if necessary.
3. Set the countdown time and tap to start the countdown.
4. The following options are available:
   - **Add label** to add a description to the timer.
   - to stop the countdown.
   - to resume the countdown.
   - **+1 MIN** to add an extra minute to the remaining time.
   - **-1 MIN** to subtract a minute from the timer.
   - **RESET** to return to the start of the countdown.
   - to edit the timer.
   - to add a new timer.
   - to delete the timer.

**Stopwatch**
You can use your phone as a stopwatch.

1. From the Home screen, tap Apps > Clock.
2. Tap the **STOPWATCH** tab to display the Stopwatch screen, if necessary.
3. Tap to start the stopwatch.
4. The following options are available:
   - **LAP** to record the lap time.
   - to stop timing.
- ◀ to resume timing.
- SHARE to share the recorded time via Messenger, Bluetooth, etc.
- RESET to reset the stopwatch.

**Calculator**
Your phone has a convenient calculator that lets you perform basic mathematical equations.

1. From the Home screen, tap Apps ☰ > Calculator.
2. Enter numbers by tapping the onscreen keys.
3. Tap DEL to clear a number. Touch and hold to clear an entire number.
   - To access more advanced features, flick the screen left.
4. Press Back ◀ to close the calculator.

**Flashlight**
Your phone’s camera flash can work as a flashlight.

**Warning:** Do not shine the flashlight into anyone’s eyes, as doing so may compromise their vision and cause an accident.

1. From the Home screen, tap Apps ☰ > Flashlight.
2. Tap the ON/OFF switch to turn on or off.
3. The following options are available:
   - **Blink speed:** Set the blink speed of Flashlight.
   - **Brightness:** Set the Flashlight brightness.
   - **Light time setting:** Set the Flashlight interval. Select from 1 minute, 3 minutes, 5 minutes, 10 minutes, or Never turn off. Tap ◐ at the top left of the screen to display menu.

**Sound Recorder**
The Sound Recorder app lets you record sound and save it as an audio file on your phone or the inserted microSD card.

Record Sound

1. From the Home screen, tap Apps ☰ > Sound Recorder.
2. Tap  to configure the following options:
   - **File format:** Select **Normal** or **High quality**.
   - **Storage:** Select **Phone** or **SD card**.

3. Tap  to start recording.
   - Tap  to pause recording. Tap  to resume recording.

4. Tap  to stop recording.

**Play Audio Data**

1. On the screen where you finished recording, tap  
   – or –
From the Home screen, tap  >  >  and then tap a file.

2. The following options are available:
   - Drag the bar to rewind or fast-forward the data.
   - Tap  to display the list of the stored files. See **Stored Sound List Options** below.
   - Tap  >  **Share** to share the file via **Bluetooth**, **Gmail**, **Messenger**, etc.
   - Tap  >  **Delete** >  **OK** to delete the file.

**Stored Sound List Options**

1. From the Home screen, tap  >  >  .

2. Tap  to display the list of the stored files.

3. The following options are available:
   - Tap  to delete a file or files. Tap a file or files to select the file(s) you want to delete and tap **OK**. To select all files on the list, tap **SELECT ALL**.
   - Tap  next to each file:
     - **Share** to share the file via **Bluetooth**, **Gmail**, **Messenger**, etc.
     - **Delete** to delete the file.
     - **Edit file name** to rename the file.
• Details to display the information about the audio file.

**Voice Services**

Your phone’s voice services let you place calls using your voice, convert text into speech, and more.

**Text-to-Speech**

Your phone can convert text into speech in certain downloaded applications. You may select the language you hear or adjust its speed.

1. From the Home screen, tap Apps > Settings > Language & input.
   – or –
   From the Home screen, tap Apps > Settings > Accessibility.
2. Tap Text-to-speech output.
3. The following options are available:
   - **Preferred engine**: Select your preferred engine. Tap to configure its settings.
   - **Speech rate**: Choose a comfortable speed of the spoken text.
   - **Speech pitch**: Choose a comfortable tone of the spoken text.
   - **Listen to an example**: Play a short demonstration of the set speech synthesis.
   - **Default language status**: Shows the status of language support for voice recognition.

**Voice Search**

Voice Search allows you to find information on the web as well as items and information on your phone by speaking your search terms.

1. Tap on the Google Search Widget.
   – or –
   From the Home screen, tap Apps > Voice Search.
2. Speak clearly into the phone’s microphone when you see Listening... on the screen. If an error occurs, try again.
3. Tap a matching item from the onscreen list.
Eco Mode

The Eco Mode allows you to save battery life while using your phone.

1. From the Home screen, tap Apps > Eco Mode.

2. Tap an option to enable or disable the Eco Mode:

   - **ON:** Enables the Eco Mode. The Eco Mode On icon appears on the status bar when selected.
   - **OFF:** Disables the Eco Mode.

3. Tap to configure the Eco Mode settings. Tap the following items to place or clear a check mark in the adjacent check box:

   - **Sleep** to sleep after 15 seconds. Tap to change the time to elapse before entering sleep mode.
   - **Brightness** to decrease the display brightness. Tap to change the Brightness settings.
   - **Auto-rotate screen** to turn off automatic screen rotation.
   - **Wi-Fi** to set it OFF.
   - **Bluetooth** to disable it.
   - **Location access** to disable it.
   - **NFC (Reader/Writer, P2P)** to disable it.
   - **CPU clock** to restrict it.
   - **Data Communication** to disable mobile data communication.
   - **Exchange account** to disable Sync settings in Exchange account.

*Note:* Tap > Auto set to set the time of the day and battery level at which eco mode turns on automatically. Tap ? to display the information for Eco Mode.

Configured settings in the Eco Mode are automatically reflected in the respective Settings menu, and vice versa.

Bluetooth

Bluetooth is a short-range communications technology that allows you to connect wirelessly to a number of Bluetooth devices, such as headsets and hands-free car kits, and Bluetooth-enabled...
handhelds, computers, printers, and wireless phones. The Bluetooth communication range is usually approximately 30 feet.

**Turn Bluetooth On or Off**

Use the settings menu to enable or disable your phone’s Bluetooth capabilities.

1. From the Home screen, tap **Apps > Settings > Bluetooth**.

2. Tap the **OFF** icon next to **Bluetooth** to turn Bluetooth on.
   
   — or —

   Tap the **ON** icon next to **Bluetooth** to turn Bluetooth off.

**Note:** Turn off Bluetooth when not in use to conserve battery power, or in places where using a wireless phone is prohibited, such as aboard an aircraft and in hospitals.

**The Bluetooth Settings Menu**

The Bluetooth settings menu gives you access to information and controls for your phone’s Bluetooth feature.

1. From the Home screen, tap **Apps > Settings > Bluetooth**.

   - Tap **** for the following menus:
     
     • **Refresh** to search for other visible in-range Bluetooth devices.
     
     • **Rename this device** to rename your phone for Bluetooth access.
     
     • **Show received files** to view all files you have received via Bluetooth.
     
     • **Save to** to select the location to store the files to be received via Bluetooth.

**Note:** Your phone is visible to nearby devices while Bluetooth settings is open.

**Change the Phone Name**

The phone name identifies your phone to other devices.

1. From the Home screen, tap **Apps > Settings > Bluetooth**.

2. If Bluetooth is not switched on, tap the **OFF** icon to turn Bluetooth on.

3. Tap **** > **Rename this device**.

4. Enter the name for your phone in the dialog box, and then tap **RENAME**.
Connect a Bluetooth Headset or Car Kit

You can listen to music over a Bluetooth stereo headset, or have hands-free conversations using a compatible Bluetooth headset or car kit. It’s the same procedure to set up stereo audio and hands-free devices.

To listen to music with your headset or car kit, the headset or car kit must support the A2DP Bluetooth profile.

Important: Perform the pairing process at a secure location.

Important: It is recommended to use a passcode of at least eight digits for pairing with a device without a pre-defined PIN.

1. From the Home screen, tap Apps > Settings > Bluetooth.

2. If Bluetooth is not switched on, tap the OFF icon to turn Bluetooth on. Your phone will show a list of nearby Bluetooth devices.

3. If you don’t see your device listed, tap > Refresh. Your phone will start to scan for Bluetooth devices within range.

   ▪ Make sure that the headset is discoverable, so that your phone can find the headset. Refer to the instructions that came with the headset to find out how to set it to discoverable mode.

4. When you see the name of your headset displayed on the Available devices list, tap the name. Your phone then automatically tries to pair with the headset.

5. If necessary, tap PAIR or enter the passcode supplied with your headset.

   ▪ Tap next to the paired device to display the information of the device. To change the name, edit the name and then tap OK.

The pairing and connection status is displayed below the hands-free headset or car kit name in the Bluetooth devices section. When the Bluetooth headset or car kit is connected to your phone, the Bluetooth connected icon is displayed in the status bar. Depending on the type of headset or car kit you have connected, you can then start using the headset or car kit to listen to music or make and receive phone calls.

Note: Due to different specifications and features of other Bluetooth-compatible devices, display and operations may be different, and functions such as transfer or exchange may not be possible with all Bluetooth-compatible devices.

Reconnect a Headset or Car Kit

When you have paired a headset with your phone, you should be able to reconnect it automatically by turning on Bluetooth on your phone and then turning on the headset. However,
sometimes you will need to reconnect manually, for example if you have been using your headset with another Bluetooth device.

1. From the Home screen, tap Apps > Settings > Bluetooth.

2. If Bluetooth is not switched on, tap the OFF icon to turn Bluetooth on.

3. Make sure that the headset is discoverable.

4. Tap the headset’s name in the Paired devices list.

5. If prompted to enter a passcode, try 0000 or 1234, or consult the headset or car kit documentation to find the passcode.

6. If you still cannot reconnect to the headset or car kit, follow the instructions in Disconnect or Unpair from a Bluetooth Device below, and then follow the instructions in Connect a Bluetooth Headset or Car Kit.

Disconnect or Unpair from a Bluetooth Device
You can manually disconnect or unpair from a Bluetooth device through the Bluetooth settings menu.

Disconnect a Bluetooth Device

1. From the Home screen, tap Apps > Settings > Bluetooth.

2. On the Paired devices list, tap the device to disconnect.

3. Tap OK.

Unpair from a Bluetooth Device
You can make your phone forget its pairing connection with another Bluetooth device. To connect to the other device again, you may need to enter or confirm a passcode again.

1. From the Home screen, tap Apps > Settings > Bluetooth.

2. On the Paired devices list, tap next to the device to unpair.

3. Tap FORGET.

Send and Receive Information Using Bluetooth
You can use Bluetooth to transfer information between your phone and another Bluetooth-enabled device such as a phone or notebook computer. The first time you transfer information between your phone and another device, you need to enter or confirm a security passcode. After that, your phone and the other device are paired, and you will not need to exchange passcodes to transfer information in the future.
Send Information from Your Phone to Another Device

You can send the following types of information, depending on the device you are sending to:

- Images and videos
- Contacts

1. Set the receiving device to discoverable mode. You may also need to set it to “Receive Beams” or “Receive Files”. Refer to the device’s documentation for instructions on receiving information over Bluetooth.

2. On the phone, open the application that contains the information or file you want to send.

3. Follow the steps for the type of item you want to send:
   - **Picture or video** (in Camera): After taking a picture or video, tap the thumbnail and then tap Bluetooth.
   - **Pictures and videos** (in Photos): On the Albums screen, tap an album. Touch and hold a picture or video to place a check mark on it. Tap multiple pictures and videos to select them. Tap Bluetooth.
   - **Contacts**: Display a contact and tap Share > Bluetooth.

4. If you are prompted to turn on Bluetooth, tap TURN ON.

5. Tap the name of the receiving device.

6. If prompted, accept the connection on the receiving device, and enter the same passcode on both your phone and the other device, or confirm the auto-generated passcode.

7. On the receiving device, accept the file.

Receive Information from Another Device

Your phone is capable of receiving a wide variety of file types with Bluetooth, including pictures, videos, or contacts.

1. From the Home screen, tap Apps > Settings > Bluetooth.

2. If Bluetooth is not switched on, tap the OFF icon to turn Bluetooth on.

3. Keep this screen open to make your phone visible to unpaired devices.

4. On the sending device, send one or more files to your phone. Refer to the device’s documentation for instructions on sending information over Bluetooth.
5. If prompted, enter the same passcode on both your phone and the other device, or confirm the auto-generated passcode. A Bluetooth authorization request is displayed on your phone. Tap OK.

6. When your phone receives a file transfer request notification, slide down the Notifications panel, tap the notification, and then tap ACCEPT.

7. When a file is transferred, a notification is displayed. To open the file immediately, slide down the Notifications panel, and then tap the relevant notification.

**Supported Bluetooth Profiles**

Following Bluetooth profiles are supported.

- **HSP**: Headset Profile
- **HFP**: Hand-free Profile
- **SPP**: Serial Port Profile
- **OPP**: Object Push Profile
- **PBAP**: Phone Book Access Profile
- **AVRCP**: Audio Video Remote Control Profile
- **GOEP**: Generic Object Exchange Profile
- **MAP**: Message Access Profile
- **HID**: Human Interface Device Profile
- **PAN**: Personal Area Networking Profile
- **A2DP**: Advanced Audio Distribution Profile
- **GATT**: Generic Attribute Profile
- **AVDTP**: Audio/Video Distribution Profile
- **AVCTP**: Audio/Video Control Transport Protocol Profile
- **GAVDP**: Generic Audio/Video Distribution Profile
- **HOGP**: HID over GATT Profile
- **DID**: Device ID Profile
Near Field Communication (NFC) Technology

NFC (Near Field Communication) technology is a short-range, wireless technology that lets you quickly and wirelessly exchange information between your phone and other NFC-enabled smartphones, smart accessories, and NFC-enabled access points. You can also use NFC technology to save, view, create, or change smart tags.

Depending on the applications that you have added to your phone, you might be able to use your phone as a transit pass or as an access pass, by tapping the back of your phone against an NFC-enabled access point, subject to applicable terms and conditions from the particular vendor.

Turn NFC On or Off

Use the settings menu to enable or disable your phone’s NFC capabilities.

1. From the Home screen, tap Apps > Settings > More.

2. Tap the OFF icon next to NFC to turn NFC on. If a security reminder appears, read it and tap OK.
   – or –
   Tap the ON icon next to NFC to turn NFC off.

Android Beam

With Android Beam you can beam app content such as Browser pages, YouTube videos, and Contacts entries, to another NFC-capable device by holding the devices close together.

To turn Android Beam on or off:

1. From the Home screen, tap Apps > Settings > More.

2. Tap the OFF icon next to NFC to turn NFC on, if it is off.

3. Tap Android Beam.

4. Tap the OFF icon to turn Android Beam on.
   – or –
   Tap the ON icon to turn Android Beam off.

To share app contents:

1. With Android Beam turned on, display the contents you want to share on your screen.

2. Bring your phone close to another NFC-enabled device, typically back to back aiming the NFC antenna, and then tap your screen. The app determines what gets beamed.
**microSD Card**

A microSD™ card is an optional accessory that allows you to store images, videos, music, documents, and voice data on your phone. Your phone supports a microSD card up to 256 GB.

**Insert or Remove a microSD Card**

Inserting a compatible microSD card into your phone will increase the storage capacity.

**Note:** The microSD card is sold separately.

To insert a microSD card:

1. If your phone is on, turn it off.
2. Remove the back cover by inserting your fingernail in the slit on the bottom of your phone and pulling away from the phone.
3. Open the SIM/microSD slot cover and insert a microSD card into the slot on the right with the gold terminals facing down. Gently push the card into the slot until it snaps into place.
4. Securely close the SIM/microSD slot cover.

**Warning:** Be sure the SIM/microSD slot cover is properly sealed to maintain the phone’s waterproof capability.

5. Replace the back cover. Press around the edges to ensure a proper fit.

To remove a microSD card:

1. If your phone is on, turn it off.

2. Remove the back cover by inserting your fingernail in the slit on the bottom of your phone.

3. Locate and open the SIM/microSD slot on the side of the phone.

4. Push the microSD card so the card is partly ejected. Gently pull out the card from the slot.

5. Securely close the SIM/microSD slot cover.

**Warning:** Be sure the SIM/microSD slot cover is properly sealed to maintain the phone’s waterproof capability.
6. Replace the back cover. Press around the edges to ensure a proper fit.

**Note:** You can easily damage the microSD card by improper operation. Please be careful when inserting, removing, or handling the microSD card.

**Note:** Make sure your battery is fully charged before using the microSD card. Your data may become damaged or unusable if the battery runs out while using the microSD card.

### View the microSD Card Memory

The Storage settings menu gives you access to your microSD card memory information.

1. With the microSD card installed, tap **Apps > Settings > Storage**.

2. The information of the SD card is displayed. Tap **SD card** to display more details.

### Format the microSD Card

Formatting a microSD card permanently removes all files stored on the card.

1. From the Home screen, tap **Apps > Settings > Storage**.

2. Tap **SD card > Settings > Format** or **Format as internal > ERASE & FORMAT > OK**.
   
   - **Format:** Select to format your SD card.
   - **Format as internal:** Select to use as internal storage for this device only. After formatting, the SD card will only work in this device.

**Note:** The formatting procedure erases all the data on the microSD card, after which the files CANNOT be retrieved. To prevent the loss of important data, please check the contents before you format the card.

### Unmount the microSD Card

Unmount the microSD card to prevent corrupting the data stored on it or damaging the microSD card.

1. From the Home screen, tap **Apps > Settings > Storage**.

2. Tap the eject icon ‡ next to **SD card**.

### Use the Phone’s microSD Card as a Media Device

You can connect your phone as a media device to your computer.

1. Connect the phone to your computer using the supplied USB cable.

2. Swipe down from the top of the screen to open the Notifications panel.
3. Tap the USB connection notification > **File transfers**.

4. On your computer, the connected phone is recognized as a portable media device. Navigate to the device and select **SD card**.

   **Note**: Once you format your SD card as internal storage, **SD card** may not be displayed.

5. Manage the data as you wish, unmount the phone as required by your computer’s operating system to safely remove your phone, and disconnect the phone from the computer.

**File Commander**

With the File Commander application, you can manage the contents stored in the phone or on the microSD card (optional) quickly and easily.

To open the File Commander:

1. From the Home screen, tap **Apps > File Commander**.

2. The following options are available.
   - **Music**: Stores the audio files.
   - **Videos**: Stores video files.
   - **Documents**: Stores document files.
   - **Downloads**: Stores downloaded files.
   - **Pictures**: Stores still image files.
   - **+**: Adds a new category.
   - **Internal storage**: Displays the current status of the internal storage.
   - **SD card**: Displays the current status of the microSD card.

   **Note**: Once you format your SD card as internal storage, **Internal storage** or **SD card** may not be displayed.

To manage the contents (available options may vary):

- Tap a folder or file to access it. You can search or sort in the folder and file lists.

- Tap for available options.

**Supported Formats**

Following image, video and audio formats are supported by the phone.
Outdoor Report

The Outdoor Report offers useful apps which provide important and interesting information for your outdoor activities. It also has shortcut buttons to access handy tools, such as compass, barometer or altimeter.

1. From the Home screen, tap Apps > Outdoor Report.

2. Tap NEXT on the welcome screen and follow the on-screen prompts.

3. The following information is available:

   - **WEATHER**: Displays the weather information in 6 hour increments.
   - **SUNRISE/SUNSET**: Displays the current position of the Sun and the Moon.
   - **SOLUNAR**: Displays the peak activities of animals and wildlife according to the Moon phases.
   - **TIDE**: Displays the tide level according to the Moon phases.
   - **FISH INDEX**: Displays the peak activities of fish according to the Moon phases.
   - **COMPASS**: Displays detailed Compass information.
   - **BAROMETER/ALTIMETER**: Displays detailed Barometer/Altimeter information.
   - **BAROMETER WEATHER**: Displays detailed Barometer weather information.
   - **IMAGE**: Select the image to use on the screen.
**Settings**

The following topics provide an overview of items you can change using your phone’s Settings menus.

**Wi-Fi Settings**

The Wi-Fi settings menu lets you turn Wi-Fi on or off, set up and connect to available Wi-Fi networks, and configure advanced Wi-Fi options. For more information about the Wi-Fi settings, see Wi-Fi.

**Bluetooth Settings**

Your phone’s Bluetooth capabilities let you use wireless headsets, send and receive pictures and files, and more. For details on your phone’s Bluetooth settings, see The Bluetooth Settings Menu.

**Data Usage Settings**

The Data usage menu lets you view and manage your phone’s data usage.

**View Data Usage**

1. From the Home screen, tap **Apps > Settings > Data usage**.

2. Confirm **Cellular data** is set to on.

3. Tap **** to change the period of time for which the chart will display the data usage.
   - The usage amount will be displayed below the chart, followed by the usage amount by each application. Tap an application to see further details.

**Limit Cellular Data Usage**

You can set a limit to your data usage in case you don’t have an unlimited data plan.

**Warning:** The usage displayed is measured by your phone. Your carrier’s data usage accounting may differ and the usage in excess of your data limit plan can result in charges. The data usage limit set in this menu is not guaranteed to prevent additional charges.

1. From the Home screen, tap **Apps > Settings > Data usage**.

2. Tap the **ON/OFF** switch next to **Set cellular data limit** to turn it on. Read the message and tap **OK**.
3. Drag the red tab vertically to set the limit you want.

   – or –

   Tap the red line, select the limit by scrolling the value and then tap SET.

   ▪ When your data usage reaches the limit, mobile data will be turned off automatically.

Alert About Data Usage

Your phone will warn you with an alert when the mobile data usage reaches a set level.

1. From the Home screen, tap Apps > Settings > Data usage.

2. Tap the ON/OFF switch next to Alert me about data usage to turn it on. Read the message and tap OK.

3. Drag the gray tab vertically to set the level you receive a warning.

   – or –

   Tap the gray line, select the limit by scrolling the value and then tap SET.

   ▪ When your data usage reaches the set level, your phone will alert you.

Data Usage Options

1. From the Home screen, tap Apps > Settings > Data usage.

2. Tap  for the following options:

   ▪ Restrict/Allow background data to restrict or allow background data usage.

   ▪ Show/Hide Wi-Fi to display or hide Wi-Fi usage.

   ▪ Network restrictions to set a Wi-Fi network as a metered connection.

   ▪ Cellular networks to configure cellular network settings.

More Settings

The Settings menu provides access to additional wireless and network options, such as Airplane Mode, NFC, VPN, cellular networks, and more.

Airplane Mode

Airplane Mode allows you to use many of your phone’s features, such as Calendar, Camera, and Music, when you are on an airplane or in any other area where making or receiving calls or data is prohibited. When you set your phone to Airplane Mode, it cannot send or receive any calls or access online information.
To quickly turn Airplane Mode on or off:

- Press and hold the Power key, and then tap **Airplane mode**. While in Airplane Mode, the status bar will display ✈️.

To turn Airplane Mode on or off in Settings:

1. From the Home screen, tap **Apps** > **Settings** > **More**.

2. Tap the **OFF** icon to turn Airplane Mode on. If the **ON** icon is displayed, Airplane Mode is turned on and the status bar will display ✈️.

**NFC Settings**

The NFC (Near Field Communication) settings menu lets you turn NFC on or off. For more information about the NFC settings, see Near Field Communication (NFC) Technology.

**Android Beam**

Android Beam uses the NFC technology. For more information about the Android Beam settings, see Android Beam.

**Tethering & Mobile HotSpot Settings**

Use the settings menu to configure your Mobile HotSpot settings which allow you to share your phone’s data service with multiple Wi-Fi capable devices. You can also share your phone’s Internet connection via a USB cable or Bluetooth. For details on your phone’s tethering and Mobile HotSpot settings, see Tethering and Mobile HotSpot.

**VPN Settings**

A virtual private network (VPN) is a network that uses a public telecommunication infrastructure, such as the Internet, to provide remote offices or individual users with secure access to their organization’s network. For more information about the VPN settings, see Virtual Private Networks (VPN).

**Cellular Networks Settings**

The Cellular networks options let you enable your phone’s mobile data access, set your preferred network mode, and select network operators for international use.

**Data Roaming**

1. From the Home screen, tap **Apps** > **Settings** > **More** > **Cellular networks**.

2. Tap the **ON/OFF** switch next to **Data roaming** to turn it on.

**Preferred Network Type**

You can select your preferred network mode.
1. From the Home screen, tap **Apps ( ) > Settings > More > Cellular networks > Preferred network type.**

2. Select an option:
   - **LTE/WCDMA/GSM (Auto mode):** The phone will connect to LTE, WCDMA or GSM. The phone will scan for the appropriate network and will automatically connect to it when it is available.
   - **WCDMA/GSM:** The phone will connect to WCDMA or GSM.
   - **GSM only:** The phone will connect to GSM only.

Access Point Names

You can edit existing access points or add a new point.

To edit an existing access point:

1. From the Home screen, tap **Apps ( ) > Settings > More > Cellular networks > Access Point Names.**
2. Tap 🌟 next to an access point you want to edit.
3. Edit the necessary fields and tap ✅ > Save.

To delete an existing access point:

1. From the Home screen, tap **Apps ( ) > Settings > More > Cellular networks > Access Point Names.**
2. Tap 🌟 next to the access point you want to delete.
3. Tap ✅ > Delete APN.

To add a new access point:

1. From the Home screen, tap **Apps ( ) > Settings > More > Cellular networks > Access Point Names.**
2. Tap + and enter the necessary information.
3. Tap ✅ > Save.

To restore the default settings:

1. From the Home screen, tap **Apps ( ) > Settings > More > Cellular networks > Access Point Names.**
2. Tap ➤ > Reset to default.

Network Operators

You may select a network operator.

1. From the Home screen, tap Apps ➤ > Settings > More > Cellular networks > Network operators.

2. Select an option:
   - SEARCH NETWORKS: Searches available networks. Select the network you want to use from the available network list.
   - Choose automatically: Selects a preferred network automatically.

Note: This menu may not be available on your device.

Wireless Emergency Alerts

Your phone is compatible with the federally supervised cell phone alert services to send out broadcast SMS messages for public warning:

To display the Wireless Emergency Alerts:

   ➤ From the Home screen, tap Apps ➤ > Settings > More > Wireless Emergency Alerts.

To configure the Wireless Emergency Alerts settings:

1. From the Home screen, tap Apps ➤ > Settings > More > Wireless Emergency Alerts ➤ > ➤ Settings.

2. Following options are available:
   - Presidential: Receives an emergency presidential alert. (Presidential is always grayed out [not selectable] and cannot be excluded.)
   - Extreme Alert: Receives emergency alerts in an extreme emergency situation (an extraordinary threat to life or property).
   - Severe Alert: Receives emergency alerts in a severe emergency situation (a significant threat to life or property).
   - Amber: Receives alerts related to missing or endangered children.
   - Help: Displays the help information for Emergency Alerts.
   - Cellbroadcast Message: Receives cellbroadcast message from mobile operators.
• **Notifications:** Receives notifications when you receive an emergency alert.

• **Sound:** Plays a sound when you receive an emergency alert.

• **Vibrate:** Vibrates your phone when you receive an emergency alert.

• **Alert reminder:** Sets how often your phone alerts you: Choose from **Once, Every 2 minutes, Every 15 minutes,** or **Off.**

• **Emergency notification preview:** Plays a sample emergency alert tone. Tap **STOP** to stop the sound.

• **Speak alert message:** Uses the text-to-speech feature to read out the emergency alert messages.

**Wi-Fi Calling Settings**

Wi-Fi Calling allows you to make and receive phone calls and messages over a Wi-Fi connection.

**Turn Wi-Fi Calling On or Off**

1. From the Home screen, tap **Apps > Settings > More.**

2. Tap the **ON/OFF** switch next to **Wi-Fi Calling** to turn it on or off.

**Wi-Fi Calling Settings**

1. From the Home screen, tap **Apps > Settings > More > Wi-Fi Calling.**

2. Tap **Connection Preferences** or **Help.**

For more information about the Wi-Fi Calling settings, see **Call Using Wi-Fi Calling.**

**Call Settings**

Your phone’s Call settings menu lets you configure a number of settings for the phone application. See **Call Settings** for details.

**Display Settings**

Adjusting your phone’s display settings not only helps you see what you want, but it can also help increase battery life.

**Brightness level**

1. From the Home screen, tap **Apps > Settings > Display.**

2. Drag left or right the brightness slider to adjust the screen brightness.
Adaptive brightness
Adjust your screen’s brightness to suit your surroundings.

1. From the Home screen, tap Apps > Settings > Display.
2. Tap the ON/OFF switch next to Adaptive brightness to turn it on or off.

Wallpaper
Select and assign your phone’s background wallpaper. See Change the Wallpaper.

Sleep
Select the delay time before the screen automatically turns off.

1. From the Home screen, tap Apps > Settings > Display > Sleep.
2. Select a time to elapse before entering sleep mode.

Daydream
You can select a screen saver for your phone. When Daydream is on, your device displays the selected screen saver while it is charging, docked, or in sleeping mode.

1. From the Home screen, tap Apps > Settings > Display > Daydream.
2. If Daydream is not switched on, tap the OFF icon to turn it on.
3. Tap one of the following options:
   - Clock to display the phone’s analog or digital clock. Tap next to it and tap Style to select the clock style or select the Night mode option.
   - Photos to display selected images as a slide show. Tap next to it and select the images to display.
   - To preview the screen saver, tap > Start now.

Font Size
Choose the font size of the screen as you like.

1. From the Home screen, tap Apps > Settings > Display > Font size.
2. Select your favorite size.

When Device is Rotated
Your phone is capable of automatically changing the orientation of some onscreen content. With this feature, you can view the screen in either portrait or landscape orientation by turning the
phone sideways. By default, the screen orientation automatically changes when the phone is rotated.

To deactivate the Auto-rotate screen feature:

1. From the Home screen, tap Apps > Settings > Display.

2. Tap When device is rotated > Stay in portrait view.

**Key Backlight**
Select the delay time before the key backlight automatically turns off.

1. From the Home screen, tap Apps > Settings > Display > Key backlight.

2. Select a time to elapse before turning it off.

**Cast**
You can connect your phone to devices that support Miracast to share the displayed images via Wi-Fi connection.

1. From the Home screen, tap Apps > Settings > Display > Cast.

2. If Wireless display is not switched on, tap and select the Enable wireless display check box to turn it on. Available devices will be displayed.

3. Select a device you want to connect to from the list.

**Note:** For more information about wireless display, see the documentation that comes with the Miracast-certified device you wish to use with your phone.

**Display Battery Percentage**
Set your phone to display the battery percentage on the status bar.

1. From the Home screen, tap Apps > Settings > Display.

2. Tap Display battery percentage to turn on.

**Display Quick Settings**
Set to enable or disable your phone to display the quick settings panel.

1. From the Home screen, tap Apps > Settings > Display.

2. Tap Display quick settings to turn on.
Sound & notification Settings
The Sound & notification settings menu lets you control your phone’s audio, from ringtones and alerts to tap tones and notifications.

Volume
Configure your phone’s volume settings.

1. From the Home screen, tap Apps > Settings > Sound & notification.

2. Use the sliders to set the volume level for Media volume, Alarm volume, Ring volume, or Notification volume.

Tip: You can adjust the ring volume in standby mode (or the hearing volume during a call) using the volume key on the left side of your phone.

Also vibrate for calls
Set your phone to ring and vibrate simultaneously.

1. From the Home screen, tap Apps > Settings > Sound & notification.

2. Tap Also vibrate for calls to turn on.

Do Not Disturb
Set the notification function.

1. From the Home screen, tap Apps > Settings > Sound & notification > Do not disturb.

2. Tap the ON/OFF switch to turn on.

3. The following options are available:

   - **Settings** to choose whether to silence your device using Priority only, Alarms only, Total silence, or Vibrate.

   - **Priority only allows** to set your priority notification that will make a sound or vibrate based on your current settings.

   - **Automatic rules** to set up rules so that your device is automatically silenced during certain times.

Phone Ringtone
Assign a ringtone to your incoming calls.
1. From the Home screen, tap Apps > Settings > Sound & notification > Phone ringtone.

2. Tap a ringtone from the available list. The ringtone briefly plays when selected.
   – or –
   Tap + and select a sound data.

3. Tap OK to assign the ringtone.

**Vibration Pattern**
Select a vibration pattern.

1. From the Home screen, tap Apps > Settings > Sound & notification > Vibration pattern.

2. Tap a vibrate pattern from the available list. Your phone briefly vibrates when selected.

3. Tap OK to assign the vibrate pattern.

**Vibrate Intensity**
Select your phone’s vibration intensity.

1. From the Home screen, tap Apps > Settings > Sound & notification > Vibrate intensity.

2. Tap a vibrate intensity from the list.

3. Tap OK.

**Default Notification Ringtone**
Select a sound for notifications.

1. From the Home screen, tap Apps > Settings > Sound & notification > Default notification ringtone.

2. Tap a notification sound from the available list. The sound briefly plays when selected.
   – or –
   Tap + and select a sound data.

3. Tap OK to assign the sound.

**Other Sounds**
Set your phone’s notification tone feature with various options.
1. From the Home screen, tap Apps > Settings > Sound & notification > Other sounds.

2. Make your desired selection.

**Cast**
You can connect your phone to devices that support Miracast to share the displayed images via Wi-Fi connection. See **Cast** for details.

**Pulse Notification Light**
Set to blink the LED indicator when notification is on the notification bar.

1. From the Home screen, tap Apps > Settings > Sound & notification.

2. Tap Pulse notification light to turn on.

**Persistent Alerts**
Set alerts, such as beep, vibration, or LED blinking for notifications.

1. From the Home screen, tap Apps > Settings > Sound & notification > Persistent alerts.

2. Tap the ON/OFF switch to turn on or off.

3. The following options are available:
   - Audible tone to beep when notification is on the notification bar.
   - Vibrate to vibrate when notification is on the notification bar.
   - Repeat interval to set the reminder interval.
   - App notifications to modify the notification settings individually for apps.

**When Device is Locked**
Your phone is capable of showing the notifications on the screen when the phone is locked.

1. From the Home screen, tap Apps > Settings > Sound & notification > When device is locked.

2. Make your desired selection.

**App Notifications**
You can modify the notification settings individually for apps.
1. From the Home screen, tap **Apps** > **Settings** > **Sound & notification** > **App notifications**.

2. Tap apps you want to modify the notification settings.

**Notification Access**
You can control which apps have access to read your notifications.

1. From the Home screen, tap **Apps** > **Settings** > **Sound & notification** > **Notification access**.

2. You will see a list of apps that can access your notifications.

**Do Not Disturb Access**
You can control which apps have access to **Do not disturb**.

1. From the Home screen, tap **Apps** > **Settings** > **Sound & notification** > **Do Not Disturb access**.

2. You will see a list of apps that can access **Do Not Disturb**.

**Programmable Key**
You can assign a function to your programmable key.

1. You may press and hold the programmable key on the side of the phone.
   
   – or –

   From the Home screen, tap **Apps** > **Settings** > **Programmable key** > **Programmable key**.

2. Tap **Do nothing** if you do not want to assign any function to the key.
   
   – or –

   Select a function you want to assign to the key. The assigned function works when you press and hold the key.

**Tip:** You can set the Programmable key to wake up your phone by tapping the **ON/OFF** switch next to **Wake up device**. This function will not be available when you select **Do nothing** in step 2.

**Apps**
This menu lets you view and manage the applications on your phone.
1. From the Home screen, tap **Apps** > **Settings** > **Apps**.

2. Tap ▼ for the following options:
   - **All apps** to display all applications on your phone.
   - **Downloaded** to display the downloaded applications.
   - **Enabled** to display enabled applications on your phone.
   - **Disabled** to display the disabled applications.

   **Note:** **Enabled** and **Disabled** only appear if you have disabled apps.

   **Tip:** Additional options may be available by tapping 📌.

3. Tap an application to access the details and manage it.

### Storage Settings

The Storage settings menu lets you manage the storage on your phone and provides options for your microSD card.

#### Your Phone’s Memory

You can see the availability of the storage space on your phone.

   ► From the Home screen, tap **Apps** > **Settings** > **Storage**.

   - View your phone’s total space and the space used by specific features under Internal storage.

   - You may tap an itemized category for additional details.

#### SD Card

The SD card options let you view the card’s size and available space, unmount the card for data protection, and format (erase) the SD card. See **microSD Card**.

#### USB Storage

The USB storage options are available when your phone is connected to an external device using a USB cable.

View the USB Storage Memory

1. From the Home screen, tap **Apps** > **Settings**.

2. Tap **Storage** to see the information of the USB storage.
Unmount the USB Storage

Unmount the USB storage so that you can safely remove it.

1. From the Home screen, tap Apps > Settings > Storage.
2. Tap ▲ next to USB storage.

Erase the Data on the USB Storage

Warning: You cannot retrieve the data once deleted.

1. From the Home screen, tap Apps > Settings > Storage > USB storage.
2. Tap ▶ > Settings > Format or Format as internal > ERASE & FORMAT > OK.
   - **Format:** Select to format your USB storage.
   - **Format as internal:** Select to use as internal storage for this device only. After formatting, the USB storage will only work in this device.

**Battery Settings**

Monitor your phone’s battery usage through this settings menu. View which functions are consuming your battery’s charge and at what percentage.

► From the Home screen, tap Apps > Settings > Battery.

- Tap on the graph image on the screen to see the history details of the battery usage.
- Tap other displayed items to access their Use details screens. Additional options may be available.
- Tap Eco Mode to access the Eco Mode app screen.
- Tap ◂ to refresh the displayed information.
- Tap ◂ for the following menus:
  - **Battery optimization** to reduce the energy needs of your app.
  - **Battery charging tone** to sound a notification tone when battery charging starts.
  - **Battery charged tone** to sound a notification tone when the battery is fully charged.
  - **Display battery percentage** to display the remaining battery level in percentage next to the battery icon on the status bar.
Memory
You can quickly see which apps are using memory on your phone.

► From the Home screen, tap Apps > Settings > Memory.
  ▪ You can see the current memory status.
  ▪ Tap ◀ to change a time period.
  ▪ Tap Memory used by apps to display which apps are running and using memory.

Tap & Pay
When NFC is turned on, you can use the Tap & pay feature to pay for items just by touching your phone to a reader at a register. If your phone doesn’t have a default app, you can browse Google Play for payment apps. See Turn NFC On or Off for enabling NFC.

1. From the Home screen, tap Apps > Settings > Tap & pay > Payment default.
2. Select an app to use.

Location Settings
The location services settings menu lets you decide whether you allow your phone to collect and use the location information.

1. From the Home screen, tap Apps > Settings > Location.
2. Tap the ON/OFF switch to turn location on or off.
3. The following options are available:
   ▪ Mode to select the method your phone uses to determine your location.
     • High accuracy: Uses GPS, Wi-Fi, Bluetooth, and cellular networks to determine your location.
     • Battery saving: Uses Wi-Fi, Bluetooth, and cellular networks to determine your location.
     • Device only: Uses only GPS to determine your location.
   ▪ Tap > Scanning to configure scanning settings.

Lock Screen Settings
The lock screen settings menus allow you to lock your phone’s screen and enhance the security feature through various options.
Security Type
You can increase the security of your phone by creating a screen lock.

In order from no security to most secure, the available options are:

- **None** (No security): Turn off the screen lock.
- **Swipe** (No security): Tap and swipe up.
- **Pattern** (Medium security): Draw a pattern to unlock.
- **PIN** (Medium to high security): Enter four to sixteen digits PIN code to unlock.
- **Password** (High security): Enter four to sixteen letters, digits, or symbols to unlock.

**Important:** Highest security level protection (password protection) and frequent change of password are recommended to protect your phone and data from unauthorized access.

Use Swipe

There is no security using the Swipe option.

- From the Home screen, tap Apps > Settings > Lock screen > Security type > Swipe.

See Turn the Screen On and Start with Swipe for starting with Swipe.

Use Pattern

1. From the Home screen, tap Apps > Settings > Lock screen > Security type > Pattern.

2. Read the Secure start-up information, select Require pattern to start device or No thanks and then tap CONTINUE.

**Note:** When Secure start-up is set, you will be required to draw your unlock pattern before the phone starts up. If you forget the unlock pattern, you cannot start up the phone.

3. Draw the screen unlock pattern by connecting at least four dots in a vertical, horizontal, or diagonal direction. Lift your finger from the screen when finished.

4. The phone records the pattern. Tap CONTINUE.

5. When prompted, draw the screen unlock pattern again, and then tap CONFIRM.

6. Choose how do you want notifications displayed when your phone is locked and tap DONE.
To unlock the screen with Pattern:
   ► Draw the pattern on the locked screen.

**Note:** Tap Make pattern visible to OFF if you do not want the unlock pattern to display on the screen when you draw it.

**Use PIN**

1. From the Home screen, tap **Apps > Settings > Lock screen > Security type > PIN**.
2. Read the Secure start-up information, select Require PIN to start device or No thanks and then tap **CONTINUE**.

**Note:** When Secure start-up is set, you will be required to enter your PIN before the phone starts up. If you forget the PIN, you cannot start up the phone.

3. Enter a PIN, tap **CONTINUE**, re-enter your PIN, and tap OK to save the setting.

To unlock the screen with PIN:

   ► Enter the PIN and tap **OK** on the locked screen.

**Use Password**

1. From the Home screen, tap **Apps > Settings > Lock screen > Security type > Password**.
2. Read the Secure start-up information, select Require password to start device or No thanks and then tap **CONTINUE**.

**Note:** When Secure start-up is set, you will be required to enter your password before the phone starts up. If you forget the password, you cannot start up the phone.

3. Enter a password, tap **CONTINUE**, enter your password again, and tap OK to save the setting.

To unlock the screen with Password:

   ► Enter the password and tap ✔️ on the locked screen.

**Disable the Screen Lock**

1. From the Home screen, tap **Apps > Settings > Lock screen > Security type**.
2. Confirm your pattern, PIN, or password.
3. Tap None or Swipe.
4. Read the confirmation message and then tap **YES, REMOVE**.

**Fingerprint**
Enabling this option requires you to touch the fingerprint sensor to unlock the screen.

**Note:** Please remove the USB cable prior to registering your fingerprint for authentication.

**Note:** If you fail fingerprint authentication five times, input your backup PIN, pattern, or password.

**Note:** Fingerprint cannot be used to unlock the screen after restarting the phone. You must use your backup method, such as pattern, PIN, or password.

**Note:** The fingerprint sensor is on the Power key. Before using the Fingerprint sensor, make sure the Power key and your finger are clean and dry.

**Note:** The fingerprint recognition performance depends on your usage. The phone may have an issue in registering or recognizing fingerprints that have scars or worn down ridges, or if you have scratches on the sensor surface.

**Tip:** To improve fingerprint recognition performance, register the fingerprints that are used most often to perform tasks on the phone.

1. From the Home screen, tap **Apps > Settings > Lock screen > Fingerprint**.
2. Read the message and tap **CONTINUE**.
3. Select your backup screen lock method.
4. Read the message and tap **NEXT**.
5. Touch the tip of your finger on the sensor and lift after you feel a vibration. Repeat it 20 times.
6. If required, name the fingerprint and tap **DONE**.

**Make Pattern Visible**
You can hide the trace of your pattern as you draw it. This setting is available only when you set **Security type** to **Pattern**.

1. From the Home screen, tap **Apps > Settings > Lock screen**.
2. Tap **Make pattern visible** to turn on.

**Automatically Lock**
Set the time delay to activate the screen lock feature after the device enters sleep mode. This setting is available only when you have enabled one of the lock settings.
1. From the Home screen, tap Apps > Settings > Lock screen > Automatically lock.

2. Select a time to elapse before the screen locks.

**Power Key Instantly Locks**
Activate the screen lock feature by pressing the Power key. This setting is available only when you have enabled one of the lock settings.

1. From the Home screen, tap Apps > Settings > Lock screen.

2. Tap **Power key instantly locks** to turn on.

**Smart Lock**
You can automatically unlock your phone without using your PIN, pattern or password.

1. From the Home screen, tap Apps > Settings > Lock screen > Smart Lock.

2. The following options are available:
   - **Trusted devices**: Allows you to add a trusted device to keep this device unlocked when connected.
   - **Trusted places**: Allows you to add a trusted place to keep this device unlocked when you stay in there.
   - **Trusted face**: Allows you to set up Face matching as an option to unlock this device.
   - **Trusted voice**: Allows you to have your phone unlock when you do a search with "Ok Google."
   - **On-body detection**: Allows you to keep your phone unlocked while it’s on you.

**Note:** The settings available may vary depending on your phone and version of Android.

**Lock Screen Message**
You can create a message to display on the locked screen.

1. From the Home screen, tap Apps > Settings > Lock screen > Lock screen message.

2. Enter the message into the provided field and tap **SAVE**.

**Lock Screen Wallpaper**
You can select the wallpaper for the locked screen.
1. From the Home screen, tap Apps > Settings > Lock screen > Lock screen wallpaper.

2. Select from Same as Home screen or Use another image and select from Pick image or others.

Show Instructions
You can display unlock instructions on the locked screen.

1. From the Home screen, tap Apps > Settings > Lock screen.

2. Tap Show instructions to turn on.

Security Settings
The security settings menus let you set encryption options, password visibility, administrator settings, and credential storage options.

Encryption
You can encrypt the data in your SD card installed in your phone. You need to enter the PIN or password for the screen lock for the operation. To set up a PIN or password, see Security type.

**Warning:** Do not use the phone or remove the SD card during the encryption and decryption processes as some or all of your data will be lost.

SD Card
You can set your phone to encrypt the data each time it is added to the SD card inserted in your phone.

1. From the Home screen, tap Apps > Settings > Security > SD card.

2. Read the message, select Encrypt all files or Encrypt new files only and tap NEXT.

3. Enter a PIN or password and tap ✔.

4. Read the message and tap ENCRYPT. The data saved in the SD card will be encrypted.

   ▪ Read the message and tap CANCEL to cancel the setting.

Set Up SIM Card Lock
You can configure your SIM card lock settings.

To lock the SIM card with a PIN:

1. From the Home screen, tap Apps > Settings > Security > Set up SIM card lock.
2. Tap **Lock SIM card** to turn on.

3. Enter your SIM PIN and tap **OK**.

To change the SIM PIN:

1. From the Home screen, tap **Apps** > **Settings** > **Security** > **Set up SIM card lock** > **Change SIM PIN**.

2. Enter your current SIM PIN and tap **OK**.

3. Enter a new SIM PIN, tap **OK**, re-enter the new SIM PIN, and tap **OK**.

### Make Passwords Visible

You can hide your password or PIN as you type it.

1. From the Home screen, tap **Apps** > **Settings** > **Security**.

2. Tap **Make passwords visible** to turn on.

### Device Administrators

You can enable or disable the authority to be a device administrator of certain applications. If disabled, you will typically lose some functionality in those applications, such as the ability to sync new email or calendar events with your phone.

1. From the Home screen, tap **Apps** > **Settings** > **Security** > **Device administrators**.

2. To enable or disable the authority to be a device administrator, tap the application and tap **ACTIVATE** or **DEACTIVATE**.

### Unknown Sources

Follow the steps below to allow installation of non-Play Store applications.

1. From the Home screen, tap **Apps** > **Settings** > **Security**.

2. Tap **Unknown sources** to turn on.

### Credential Storage

These options let you control how your phone accesses and stores secure certificates, passwords, and other credentials.

#### Storage Type

You can see the supported credentials storage type.
From the Home screen, tap Apps > Settings > Security. You will see the type under Storage type.

**Trusted Credentials**

You can see the trusted credentials on your phone’s system.

1. From the Home screen, tap Apps > Settings > Security > Trusted credentials.
2. Tap an item to read the information.

**Install from SD Card**

You can install encrypted certificates from the SD card.

1. From the Home screen, tap Apps > Settings > Security > Install from SD card.
2. Tap an available certificate.
3. Follow the onscreen instructions.

**Clear Credentials**

You can remove all the credentials on your phone.

- From the Home screen, tap Apps > Settings > Security > Clear credentials > OK.

**Advanced**

You can configure the advanced security settings.

**Trust agents**

Manage trust agents for features like Smart Lock.

1. From the Home screen, tap Apps > Settings > Security > Trust agents.
2. Tap the ON/OFF switch to turn on or off.

**Screen pinning**

Turn on to keep your current screen in view on your phone.

1. From the Home screen, tap Apps > Settings > Security > Screen pinning.
2. Set the switch to on.
3. Open an app and go to the screen you want to pin.
4. Press **Recent** on your phone.

5. Swipe up to reveal the pin icon on the upper right corner of your selected screen.

6. Tap the pin icon 📌.

7. Tap **GOT IT**.

8. To exit from the pinned screen, press and hold **Back** and **Recent** at the same time. The screen will be unpinned.

**Apps with usage access**

Manage what apps have access to app-usage data on your device.

1. From the Home screen, tap **Apps** > **Settings** > **Security** > **Apps with usage access**.

2. Tap an app > Tap **Permit usage access** to turn on.

**Accounts Settings**

Add and manage all your email, social networking, and picture and video sharing accounts.

**Set Up a New Account**

1. From the Home screen, tap **Apps** > **Settings** > **Accounts** > **Add account**.

2. Tap an account type such as **Google** etc.

3. Follow the instructions on the screen to set up an account.
   - Depending on the account type, you may need to enter an email address or user address, password, domain name, or other information. For Corporate accounts, contact your server administrator to determine what information you will need.

**Manage Existing Accounts**

1. From the Home screen, tap **Apps** > **Settings** > **Accounts**.

2. Tap an account type such as **Google** etc.

3. Manage the settings or select an account. Available settings menus vary according to the account type.
   - Tap the **ON/OFF** switch next to the item to sync.
   - Tap 🗡️ > **Sync now** to sync immediately.
Tap > Remove account > REMOVE ACCOUNT to delete the account from your phone.

**Language & Input Settings**

Your phone’s language and input settings let you select a language for the phone’s menus and keyboards, select and configure keyboard settings, configure speech input settings, and more. For details, see Enter Text.

This menu also provides the settings when using voice functions. See Text-to-Speech.

**Language Settings**

The language settings menu lets you select an onscreen language and add custom words to your phone’s user dictionary.

1. From the Home screen, tap Apps > Settings > Language & input > Language.
2. Select an available language.

**Spell Checker**

This feature allows you to spell check text as you type it.

1. From the Home screen, tap Apps > Settings > Language & input > Spell checker.
2. Tap the ON/OFF switch to turn on.
3. Tap Language and choose which language to use for spell-checking.
4. Tap to configure the settings.

**Personal Dictionary**

You can use the user dictionary option to add new words to the dictionary. See Add a Word to the User Dictionary.

**Current Keyboard**

You can select the default method you will use when accessing the keyboard. See Touchscreen Keyboards.

**Google Keyboard Settings**

You can customize the Google Keyboard settings as you like.

1. From the Home screen, tap Apps > Settings > Language & input > Google Keyboard.
2. Choose from the following options.
**Note:** The settings available may vary depending on the version of the app installed on your phone.

Languages

Tap to select the input language. The dictionary for the selected language will be enabled.

Preferences

- **One-handed mode:** Select the keyboard layout mode from **Off**, **Right-handed mode**, or **Left-handed mode**.
- **Custom input styles:** Change your keyboard language and layout.
- **Long press for symbols:** Tap to activate the input mode to access hidden symbols by long pressing keys.
- **Keyboard height:** Set the keyboard height range from **Short** to **Tall**.
- **Sound on keypress:** Tap to activate a clicking sound when a key is tapped.
- **Volume on keypress:** Set the volume of tone when a key is tapped.
- **Vibrate on keypress:** Tap to activate vibration when a key is tapped.
- **Vibration strength on keypress:** Set the vibration strength when a key is tapped.
- **Popup on keypress:** Tap to display a larger image of the key above it when you tap it.
- **Voice input key:** Tap to display the voice input key on the keyboard.
- **Key long press delay:** Set the delay time to change a word when a key is long pressed.
- **Show emojis in symbols keyboard:** Tap to show recently used emojis in suggestion strip of symbols keyboard.

Theme

Tap to change your keyboard theme.

- **Key border:** Tap to display a border around each key on the keyboard.

Text correction

- **Show suggestions:** Tap to select when correction suggestions are displayed.
- **Next-word suggestions:** Tap to predict words based on the texts you have entered.
- **Personalized suggestions:** Tap to learn from Google apps and services and your typed data to improve suggestions.
- **Auto-correction:** Tap to allow the space bar and punctuation to automatically correct mistyped words.
- **Auto capitalization:** Tap to capitalize the first word of each sentence on the texts you have entered.
- **Block offensive words:** Tap to avoid potentially offensive words will be suggested.
- **Suggest contact names:** Tap to use names from Contacts for suggestions and corrections.
- **Double-space period:** Tap to allow the space bar to insert a period and a space by double tapping.

**Gesture Typing**

- **Enable gesture typing:** Tap to input a word by sliding through the letters.
- **Show gesture trail:** Tap to display the path when you slide through the letters while using the gesture typing.
- **Enable gesture delete:** Tap to delete a word by sliding left the delete key while using the gesture typing.
- **Enable gesture cursor control:** Tap to move cursor by sliding across space bar while using the gesture typing.

**Dictionary**

Tap to add your own words to your personal dictionary. You can also add words to your personal dictionary as you’re using the keyboard or manage your learned words.

**Advanced**

Tap to open the settings for expert users.

**Google Voice Typing Settings**

You can customize the Google voice typing settings as you like.

1. From the Home screen, tap **Apps** > **Settings** > **Language & input** > **Google voice typing**.

2. Configure the following options:
   - **Languages:** Choose a language to use for voice input.
- **"Ok Google" detection**: Launches Google voice search by saying "Ok Google" on the Google search screen.
- **Hands-free**: Allow Bluetooth and wired headset requests when the phone is locked.
- **Speech output**: Choose options for speech output.
- **Offline speech recognition**: Allows you to download the speech recognition data for offline use.
- **Block offensive words**: Allows you to hide recognized offensive text.
- **Bluetooth headset**: Allows you to record audio through Bluetooth headset if available.

**Note**: The settings available may vary depending on the version of the app installed on your phone.

### Text-to-Speech Settings
Your phone can convert text into speech in certain downloaded applications. You may select the language you hear or adjust its speed. See Text-to-Speech.

### Pointer Speed
Change the pointer speed.

1. From the Home screen, tap Apps > Settings > Language & input > Pointer speed.
2. Use the slider to set the speed and tap OK.

### Backup & Reset Settings
Your phone’s Backup & reset menus let you back up your phone’s data and settings to Google servers before resetting your phone to the original factory settings.

The Factory data reset erases all data from the phone’s application storage, including:

- Your Google Account
- All other email and social networking accounts
- System and application data and settings
- Downloaded applications

### Backup and Restore
Back up your phone’s data and settings before resetting your phone.

To set your backup and restore options:
1. From the Home screen, tap **Apps > Settings > Backup & reset**.

2. Select your backup and restore options.
   - **Back up my data**: When enabled, you can back up your app data, Wi-Fi passwords, and other settings to Google servers.
   - **Backup account**: Allows you to set a Google Account for your phone backup.
   - **Automatic restore**: When enabled, you can restore backed up settings and data when reinstalling an application after a factory data reset.

**Network Settings Reset**
The network settings will be reset to default including Wi-Fi settings, cellular data, and Bluetooth settings.

1. From the Home screen, tap **Apps > Settings > Backup & reset > Network settings reset**.
2. Read the information and tap **RESET SETTINGS**.
3. Tap **RESET SETTINGS**.

**Factory Data Reset**
All the data in your phone’s internal storage will be reset to default.

**Tip:** Before performing a factory data reset on your phone, you may want to unmount the microSD card to avoid losing any data you may have stored on it. From the Home screen, tap **Apps > Settings > Storage > ▲** to unmount the storage card.

1. From the Home screen, tap **Apps > Settings > Backup & reset > Factory data reset**.
2. Read the factory data reset information, select the **Erase SD card** check box if necessary, and tap **RESET PHONE**.
3. Tap **ERASE EVERYTHING**. Your phone will power down and reset itself, which may take up to 10 minutes.

**Note:** Deleted data CANNOT be retrieved.

**Date & Time Settings**
Use the Date & Time settings menu either to automatically use the network-provided date and time or manually set these values, as well as select time and date format options.

1. From the Home screen, tap **Apps > Settings > Date & time**.
2. Tap **Automatic date & time** to turn off if necessary.
   - If set to **ON**, you cannot set the date or time values manually.

3. Tap **Automatic time zone** to turn off if necessary.
   - If set to **ON**, you cannot set the time zone values manually.

4. Tap **Set date**. Adjust the date, month, and year by scrolling each value. Tap **OK** when finished.

5. Tap **Set time**. Adjust the hour and minute, and select AM or PM by scrolling each value. Tap **OK** when finished.

6. Tap **Select time zone**, and then select a time zone from the onscreen list. Scroll down the list to view additional time zones.

7. Tap the **Use 24-hour format** option to switch between 24-hour format and 12-hour format.

### Accessibility Settings
The Accessibility menu lets you enable and manage accessibility-related applications.

### Services
This menu provides you with the list of accessibility-related applications.

**TalkBack**

TalkBack provides spoken feedback to help visually impaired users.

1. From the Home screen, tap **Apps > Settings > Accessibility > TalkBack**.

2. To turn it on, tap the **OFF** icon, read the confirmation message and tap **OK**.

3. Tap **SETTINGS** to configure its settings.

**Note:** When TalkBack is turned on, you need to double tap or slide with two fingers, instead of single tap or slide with one finger, to operate the touchscreen.

**Switch Access**

Switch Access allows you to control your device using configurable key combinations. You can move focus to clickable items and select them.

1. From the Home screen, tap **Apps > Settings > Accessibility > Switch Access**.

2. To turn it on, tap the **OFF** icon, read the confirmation message and tap **OK**.
3. Tap **Settings** to configure its settings.

**Vision**

Magnification Gestures

You can zoom in and out by triple-tapping the screen.

1. From the Home screen, tap **Apps > Settings > Accessibility > Magnification gestures**.

2. Read the information and tap the **OFF** icon to enable the feature.

**Font Size**

Select the font size on the screen.

1. From the Home screen, tap **Apps > Settings > Accessibility > Font size**.

2. Select from **Small, Normal, Large, MagniFont**.

**High Contrast Text**

Sets the high contrast text function on or off.

1. From the Home screen, tap **Apps > Settings > Accessibility**.

2. Tap **High contrast text** to turn on.

**Auto-Rotate Screen**

1. From the Home screen, tap **Apps > Settings > Accessibility**.

2. Tap **Auto-rotate screen** to turn on.

**Speak Passwords**

Let your phone speak the password you enter.

1. From the Home screen, tap **Apps > Settings > Accessibility**.

2. Tap **Speak passwords** to turn on.

**Text-to-speech Output**

See **Text-to-Speech**.
**Display**

**Color Inversion**

Set the display color inversion on or off.

1. From the Home screen, tap Apps > Settings > Accessibility.

2. Tap **Color inversion** to turn on.

**Color Correction**

Set the display color correction on or off, and select color correction mode.

1. From the Home screen, tap Apps > Settings > Color correction.

2. Tap the **ON/OFF** switch to turn on.

3. Tap **Correction mode** to select the mode option.

**Hearing**

**Captions**

You can customize the language and the style of the displayed captions.

1. From the Home screen, tap Apps > Settings > Accessibility > Captions.

2. Tap the **ON/OFF** switch to turn on.

3. Configure the following settings:

   - **Standard options**: Set the standard option for caption, such as **Language**, **Text size**, and **Caption style**.

   - **Custom options**: Set the custom option for texts, background color, or display.

**Mono Audio**

Set the Mono audio on or off.

1. From the Home screen, tap Apps > Settings > Accessibility.

2. Tap **Mono audio** to turn on.

**Sound Balance**

Adjust the sound balance.

1. From the Home screen, tap Apps > Settings > Accessibility > Sound balance.
2. Use the slider to adjust the balance. A sound clip will play when you tap on the slider to adjust the balance.

3. Tap OK.

**Mobility**

**Touch & Hold Delay**

Set the delay time when the screen recognizes the touch and hold operation.

1. From the Home screen, tap Apps > Settings > Accessibility > Touch & hold delay.
2. Select Short, Medium, or Long.

**Persistent Alerts**

Select options for the Persistent alerts.

1. From the Home screen, tap Apps > Settings > Accessibility > Persistent alerts.
2. Tap the ON/OFF switch to turn on or off.
3. The following options are available:
   - **Audible tone:** Select the check box to beep when notification is on the notification bar.
   - **Vibrate:** Select the check box to vibrate when notification is on the notification bar.
   - **Repeat interval:** Select to set the reminder interval.
   - **App notifications:** Select to modify the notification settings individually for apps.

**Others**

**Power Key Ends Call**

Set the Power key ends call function on or off.

1. From the Home screen, tap Apps > Settings > Accessibility.
2. Tap the ON/OFF switch next to Power key ends call to turn on.

**Accessibility Shortcut**

With this feature on, you can quickly enable accessibility features.

1. From the Home screen, tap Apps > Settings > Accessibility > Accessibility shortcut.
2. Read the information and tap the **OFF** icon to enable the feature.

**Phone Options Shortcut**

Press and hold the Power key and use shortcuts on phone options.

1. From the Home screen, tap **Apps > Settings > Accessibility > Phone options shortcut**.

2. Tap the **ON/OFF** switch of **Screenshot** and/or **Accessibility** to turn on.

**Printing**

You can print the data on your phone.

1. From the Home screen, tap **Apps > Settings > Printing**.

2. Select an available print service and follow the online instructions.

**About Phone**

The About phone menu lets you access important phone information including your phone number, battery status, and view legal information.

- From the Home screen, tap **Apps > Settings > About phone**.

  - **System updates**: Check and update (or install) your phone’s software.
  
  - **Status**: Battery level, My phone number, IMEI (International Mobile Equipment ID), Up time, etc.

  - **Network**: Signal strength, Service state, IP address, etc.

  - **Hardware info**: Model number, Bluetooth address, Serial number, etc.

  - **Software info**: OS, Software version, Build number etc.

  - **Legal information**: Copyright, license and other legal information.

  - **Compliance Information**: FCC ID etc.
Cleaning and Drying Procedures

Your phone may be cleaned using a mild dish detergent. It may also be cleaned using alcohol or sanitizer wipes. Please see the proper procedures below.

Precautions

- Remove all accessories, such as screen protector, phone case and cover, and strap. For details, refer to the instructions that came with your accessory.

- Before cleaning, be sure the headset jack cover, card slot cover, and charger/USB port cover are closed firmly to maintain the waterproof capability.

- Kyocera has tested cleaning products and determined they will not damage the surfaces of the phone when used properly. A table containing these products can be found at the end of this section. See Kyocera Tested Products.

- Never apply or spray alcohol directly on the phone as it can lead to damage of the coating and could affect its waterproof capability.

- Never pour liquid detergent directly onto the phone as this may affect the sound quality. If your phone is exposed to a concentrated liquid detergent, rinse it immediately with fresh water.

- Do not expose your phone to water at high pressure, and avoid immersing the phone in water for more than 30 minutes to maintain the waterproof capability.

- Clean by hand only. Do not use a hard brush or sponge as this may damage the surface of the phone and affect phone’s waterproof capability.

- Do not use a washing machine, ultrasonic cleaner, or dishwasher. Doing so may damage the phone and affect the waterproof capability.

- Remove all jewelry to avoid scratching the surface of the phone.

- Do not attempt to clean your phone in extreme cold or hot conditions. Water can penetrate the phone during a rapid temperature change. If the phone has been exposed to extreme temperatures, allow it to return to room temperature before cleaning.
Cleaning the Phone

Cleaning Your Phone

CAUTION! Be sure the headset jack cover, card slot cover, and charger/USB port cover are closed firmly to maintain the waterproof capability.

1. Turn off the phone.

2. Rinse the phone thoroughly under running water in order to remove dirt.

3. Add equal parts mild dish detergent and warm water and whip until it gets frothy. Using the froth, gently rub over the front and back parts of the phone in a circular motion.

Note: Leave the back cover on while performing the cleaning procedure.
4. Rinse both sides of the phone and all physical keys until there are no more bubbles left.

**Note:** Hold your phone below the faucet as shown below and rinse with low pressure tap water for more than 20 seconds for each part. Use only lukewarm water.

**CAUTION!** If detergent is left inside the phone, the audio quality as well as waterproof capability may deteriorate.

5. Remove the back cover and rinse well back side of the phone and all physical keys until there are no bubbles left.
6. Rinse both sides of the back cover until there are no bubbles left.

7. Rinse the physical keys, speakers, microphones (2), earpiece, and pressure adjustment hole under running water and make sure all bubbles are removed.
8. Put about 2 inches (5 cm) of water in a large bowl and gently rinse the phone by swirling it under water for about 10 seconds.

9. Dry your phone until you are sure there is no moisture left. See Drying Your Phone for details.

**Note:** Frequent and repeated cleaning will result in the surface gloss degradation, deformation, or discoloration of the phone.
Alternate Cleaning Procedure

1. Gently wipe the front and back of the phone with a lint-free cloth moistened with alcohol* or a sanitizer wipe.

**Note:** Do not open the back cover while cleaning.

*Note: Use only ethanol or isopropyl alcohol. See table at end of this section.

2. Remove any excess moisture with a dry lint-free cloth until it is completely dry.
Drying Your Phone

CAUTION! If your phone has been submerged in water, for example to use the camera in Underwater Mode, be sure to remove the back cover and rinse all surfaces of the phone thoroughly with clean, fresh water before drying.

1. Wipe down all outside surfaces of your phone with a clean lint-free cloth.

2. If not already done, remove the back cover and wipe the back side of the phone and the inside surface of the back cover.

3. Hold the phone firmly and gently shake it a few times to displace surface water.

4. Pat with a clean dry cloth to remove moisture from speakers, microphones (2), earpiece, and pressure adjustment hole. Repeat patting each area about 20 times.
5. After removing all the water, leave back cover off to help with the drying process. Let the phone dry completely at room temperature.

**CAUTION!** Excessive heat may damage your phone; never use a hair dryer, an oven or any other appliance to dry out your phone.

**Note:** If your phone still retains some moisture, audio quality and speaker performance may be affected. Dry your phone completely before using it again.
**Kyocera Tested Products**

*Mild Dish Detergents*

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<thead>
<tr>
<th>Manufacturer</th>
<th>Brand</th>
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**Alcohol**
- Ethanol (70% solution)
- Isopropyl Alcohol (70% solution)

**Sanitizer Wipes**

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<td>Purell 9022-10 Sanitizing Hand Wipes, Refreshing Sanitizing Wipes, PURELL Hand Sanitizing Wipes Clean Refreshing Scent</td>
</tr>
<tr>
<td>Nice-Pak Products, Inc.</td>
<td>Sani-Hands®</td>
<td>Sani-Hands® Instant Hand Sanitizing Wipes</td>
</tr>
<tr>
<td>CleanWell Company</td>
<td>CleanWell</td>
<td>Cleanwell All Natural Hand Sanitizing Pocket Pack Wipes</td>
</tr>
</tbody>
</table>
Notes

- Instructions to perform tasks in this guide may change depending on the version of software or application on your phone.

- All screens in this guide are simulated. Actual displays may vary.

- Certain features, services and applications are network dependent and may not be available in all areas; additional terms, conditions and/or charges may apply. Contact your service provider about feature availability and functionality.

- All features, functionality and other specifications, as well as the information contained in this guide are based upon the latest available information and are believed to be accurate at the time of issuing. Kyocera International, Inc. reserves the right to change or modify any information or specifications without notice or obligation.

- For warranty service information, please refer to the Safety and Warranty Information installed in the phone or call the following telephone number from anywhere in the continental United States and Canada: 1-800-349-4478.

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Bluetooth QD ID (Qualified Design ID): 83110

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