SMARTPHONE

User Manual

Please read this manual before operating your device and keep it for future reference.
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Learn about your mobile device’s special features.
Direct Share
Share content with specific people directly.
For more information, see “Direct Share” on page 62.

Media Volume Limiter
Limit the maximum output of the device’s volume.
For more information, see “Media Volume Limiter” on page 114.

Multi Window
Multitask by using two applications at the same time.
For more information, see “Multi Window” on page 29.

One-Handed Mode
Adjust the display size and layout for single hand use.
For more information, see “One-Handed Mode” on page 122.

Smart Alert
Receive notification for missed calls and messages through vibration when the phone is picked up.
For more information, see “Smart Alert” on page 119.

Voice Recorder
Use the voice recorder to record voice memos and notes.
For more information, see “Voice Recorder” on page 92.
Getting Started

Learn about your mobile device hardware, assembly procedures, and how to get started using your new device.
Front View

- Earpiece
- LED indicator
- Volume key
- Power key
- Front camera
- Proximity sensors
- Recent apps
- Back
- Home key

Devices and software are constantly evolving — the illustrations you see here are for reference only.
• **Proximity sensors**
  - Turns off the screen and disables touch functionality when the device is in close proximity to the body.
  - Turns the screen back on and enables touch functionality when the device is outside a specific range from the body.

• **Power key**
  - Press to turn the screen on or off.
  - Press and hold to select a power control option.

• **Volume key**
  - Adjust the volume for ringtones, calls, notifications, and system sounds. For more information, see “Volume” on page 113.
  - In the camera app, press the volume key to take a photo.
Back View

- Microphone
- Flash
- Speaker
- Rear camera
- Headset jack
- USB charger/Accessory port

Devices and software are constantly evolving — the illustrations you see here are for reference only.
Set Up Your Device

Learn how to set up your device for the first time.
Assemble Your Device
Install a SIM card and an optional memory card (not included), and charge your device before using.

Remove the Back Cover
Open the back cover to install the SIM card, an optional memory card, and replace the battery.

1. Remove the back cover using the slot on the top left of your device.
2. Lift the cover up and to the right of the device.

Warning: Do not bend or twist the back cover excessively. Doing so may damage the cover.

Install the SIM Card
When you subscribe to a cellular network, you are provided with a SIM card. You may be able to use your previous SIM card. Contact your service provider for more details.

Warning: Small components such as SIM cards can pose a choking risk. Please be careful when handling these cards to avoid damaging them.
Install a Memory Card
You can also install an optional microSD™ memory card (not included) to add more memory space to your device. A memory card can be installed at any time. It is not necessary to install it prior to using the device.

Note: The memory card slot is located above the SIM card slot.

Carefully slide the SIM card into the SIM card slot with the gold contacts facing down as shown.

Carefully slide the memory card into the memory card slot with the gold contacts facing down as shown.
Install the Battery
You can install a replacement battery.

1. Insert the battery into the opening on the back of the device, making sure the connectors align.
2. Gently press down to secure the battery.

Replace the Back Cover
Close the back cover before using the device.

1. Place the back cover onto the back of the device and press down.
2. Press along the edge of the back cover until you have a secure seal.
Charge the Battery

Your device is powered by a rechargeable battery. A charging head and USB cable are included with the device for charging the battery from any standard outlet.

The battery comes partially charged. You can use the device while charging.

**Caution:** Use only charging devices and batteries that are approved by Samsung. Samsung accessories are designed for your device to maximize battery life. Using other accessories may void your warranty and may cause damage.

1. Insert the USB cable into the USB charger/Accessory port.

2. Connect the USB cable to the charging head, and then plug the charging head into a standard outlet.

3. Unplug the charging head from the outlet and remove the USB cable from the device when charging is complete.
While charging, the device and the charger may become hot. This does not affect the device’s lifespan or performance and is in the device’s normal range of operation.

The charger may stop charging if the battery becomes too hot.

If the device heats up while charging the battery:

1. Disconnect the charger from the device and close any running apps.

2. Wait for the device to cool down, and then begin charging the device again.
   - If the lower part of the device overheats, check for damage to the connected USB cable. Replace the damaged USB cable with a new Samsung-approved cable.

Start Using Your Device

Turn Your Device On or Off

The instructions below explain how to turn your device on or off.

To turn the device on:

1. Press and hold the Power key until the device turns on.

To turn the device off:

1. Press and hold the Power key.

2. Tap Power off, and confirm when prompted.
Use the Setup Wizard
The first time you turn your device on, the Setup Wizard guides you through the basics of setting up your device.

Follow the prompts to choose a default language, connect to a Wi-Fi® network, set up accounts, choose location services, learn about your device’s features, and more.

Lock or Unlock Your Device
Use your device’s screen lock features to secure your device. By default, the device locks automatically when the screen times out.

To lock the device:
► Press the Power key.

The default Screen lock on your device is Swipe. To choose a more secure screen lock, see “Set a Secure Screen Lock” on page 134.

Add a Google Account
Your new device uses your Google™ Account to fully utilize its Android™ features.

1. From a Home screen, swipe up to access Apps.
2. Tap Settings > Cloud and accounts > Accounts.
3. Tap + Add account > Google.

Note: When you sign in to a Google Account, Factory Reset Protection (FRP) is activated. FRP requires your Google Account information when resetting to factory settings. For more information, see “Factory Reset Protection” on page 132.
Add a Samsung Account
Create a Samsung account for access to Samsung content and apps on your device.
1. From a Home screen, swipe up to access Apps.
2. Tap Settings > Cloud and accounts > Accounts.
3. Tap + Add account > Samsung account.

Add an Email Account
View and manage all of your email accounts.
1. From a Home screen, swipe up to access Apps.
2. Tap Settings > Cloud and accounts > Accounts.
3. Tap + Add account > Email.

Set Up Your Voicemail
You can access your voicemail from a Home screen.
1. From a Home screen, tap Phone > Voicemail.
2. Follow the tutorial to create a password, record a greeting, and record your name.
   For more information, see “Voicemail” on page 90.
Learn About Your Device

Learn some of the key features of your mobile device, including the screens and icons, as well as how to navigate the device and enter text using the keyboard.
Navigation
Learn the basics for navigating through your device.

Touchscreen Navigation
Please note that a touchscreen responds best to a light touch from the pad of your finger or a capacitive stylus. Using excessive force or a metallic object on the touchscreen may damage the tempered glass surface and void the warranty.

Tap
Lightly tap items to select or launch them.
- Tap the keyboard to enter characters or text.
- Tap an item to select it.
- Tap an app shortcut to launch the application.

Double-Tap
Lightly tap items twice to select or launch them.
- Double-tap an image to zoom in or out.

Touch and Hold
Touch and hold items on the screen to activate them.
- Touch and hold a field to display a pop-up menu of options.

Swipe
Lightly drag your finger vertically or horizontally across the screen.
- Swipe the screen to unlock the device.
- Swipe the screen to scroll through the Home screens or menu options.
Drag
Touch and hold an item, and then move it to a new location.
• Drag an app shortcut to add it to a Home screen.
• Drag a widget to place it in a new location on a Home screen.

Pinch and Spread
Pinch the screen using your thumb and forefinger or spread by moving your fingers apart.
• Pinch the screen to zoom out while viewing a picture or a web page.
• Spread your fingers on the screen to zoom in while viewing a picture or a web page.

Common Options
Many of the following common options are usually available on various screens:
• More options: Tap to view more menu options for a screen. This often allows you to select items to delete or share.
• Delete: Tap to select items to delete.
• Share: Tap to select items to share, and then choose a sharing method.
• Edit: Tap to customize the screen.
• On/Off: Tap to turn the option on (on) or off (off).
• Menu: Tap to view available options for the field.
Home Screen

Devices and software are constantly evolving — the illustrations you see here are for reference only.
Customize Your Home Screen

Screens
Your device comes with multiple Home screens to hold app shortcuts and widgets. You can add, remove, change the order of screens, as well as choose a different main Home screen.

1. From a Home screen, pinch the screen.
2. Use these options to manage screens:
   - To align shortcuts into a line at the top of a screen, tap Align top.
   - To align shortcuts into a line at the bottom of a screen, tap Align bottom.
   - To remove a Home screen, tap Remove.
   - To set a screen as the main Home screen, tap Main. This screen is displayed when you press the Home key.
   - To change the order of screens, touch and hold a screen, and then drag it to a new position.
   - To add a screen, swipe to the end of the screens, and then tap Add.

App Shortcuts
Use an app shortcut to launch an app from any Home screen.

To add a shortcut:
1. From a Home screen, swipe up to access Apps.
2. Touch and hold an app shortcut to open the options menu.
3. Tap Add shortcut to Home.
To remove a shortcut:
1. Touch and hold an app shortcut to open the options menu.
2. Tap Remove shortcut.
   - Removing a shortcut does not delete the app, it just removes the shortcut from a Home screen.

To move a shortcut from one Home screen to another:
1. Touch and hold an app shortcut to release it.
2. Drag the app shortcut to a new Home screen, and then release it.

**Use Folders**
You can organize App shortcuts in folders on an Apps list screen and Home screen.

For more information, see “Create and Use Folders” on page 39.

**Wallpapers**
Change the look of the Home and Lock screens with wallpaper. You can display a favorite picture or choose from preloaded wallpapers.
1. From a Home screen, pinch the screen.
2. Tap Wallpapers and themes to customize.
3. Tap View all to see all available wallpaper images.
4. Tap an image to choose it, and then select which screen you want to use it for.
5. Tap Set as wallpaper, and confirm when prompted.
Themes
Customize your device with coordinated colors, wallpapers, fonts, and app icons.

1. From a Home screen, pinch the screen.
2. Tap Wallpapers and themes > Themes to customize.
   - Tap a theme to preview and download it to My themes.
3. Tap View all to see downloaded themes.
4. Tap a theme, and then tap Apply to apply the selected theme.

Icons
Apply custom icons to replace built-in app icons.

1. From a Home screen, pinch the screen.
2. Tap Wallpapers and themes > Icons to customize.
   - Tap an icon set to preview and download it to My icons.
3. Tap View all to see downloaded icons.
4. Tap an icon, and then tap Apply to apply the selected icon set.
Icon Frames
You can show icons with shaded frames to make them stand out on the Home screen and Apps list screen.
1. From a Home screen, swipe up to access Apps.
2. Tap Settings > Display > Icon frames and choose one of the following options:
   - Icons only: Show icons only.
   - Icons with frames: Show icons with shaded frames.
3. Tap Done.

Widgets
Widgets are simple application extensions that run on a Home screen.
To add a widget to a Home screen:
1. From a Home screen, pinch the screen.
2. Tap Widgets.
3. Touch and hold a widget, drag it to a Home screen, and release it.
To remove a widget from a Home screen:
1. From a Home screen, touch and hold a widget to open the options menu.
2. Tap Remove.
Home Screen Settings
Customize your Home screens and Apps screens.

1. From a Home screen, pinch the screen.
2. Tap **Home screen settings** to customize:

   - **Home screen layout**: Set your device to have a Home and Apps screen, or only a Home screen where all apps are located.

   - **Home screen grid**: Choose a dimension option to determine how icons are arranged on the Home screen.

   - **Apps screen grid**: Choose a dimension option to determine how icons are arranged on the Apps screen.

   - **Apps button**: Add an apps button to the Home screen for easy access to the Apps screen.

   - **Quick-open notification panel**: Enable this feature to open the Notification panel from a Home screen by swiping down.

   - **Hide apps**: Select apps to hide.

   - **About Home screen**: View version information.
Easy Mode

Switch between the default screen layout and a simpler layout. The Easy mode layout has larger text and icons, making for a more straightforward visual experience.

To enable Easy mode:
1. From a Home screen, swipe up to access Apps.
2. Tap Settings > Display > Easy mode.
3. Tap Easy mode to enable this feature.
4. Tap Apply to confirm.

To disable Easy mode:
1. From a Home screen, swipe left, and then tap
2. Tap Standard mode.
3. Tap Apply to confirm.
Status Bar
The Status bar at the top of a Home screen provides device information on the right side and notification alerts on the left.

Status Icons
- Battery full
- Battery low
- Battery charging
- Vibrate mode
- Mute mode
- 4G LTE™ active
- Signal strength
- Network not available
- Wi-Fi active
- GPS active

Notification Icons
- Missed call
- Call in progress
- Call on hold
- New email
- New Gmail™
- New voicemail
- New message
- File download in progress
- File upload in progress
- Wi-Fi available
- App updates available
- App updates complete
Status Bar Display

Configure display options for the Status bar.

1. From a Home screen, swipe up to access Apps.
2. Tap Settings > Display > Status bar.
3. Tap On/Off to enable the following:
   - **Show recent notifications only**: Display only the three most recent notification icons on the Status bar.
   - **Show battery percentage**: Display the battery charge percentage next to the battery icon on the Status bar.
Notification Panel

5:14 PM | Tue, October 31

Meeting
6:00 PM

Android System 5:13 PM

Screenshot captured
Tap here to view it.

USB for file transfer
Tap for other USB options.

NOTIFICATION SETTINGS  CLEAR ALL

Settings
Quick settings
View all
Notification cards

Devices and software are constantly evolving — the illustrations you see here are for reference only.
View the Notification Panel

You can access the Notification panel from any screen.

1. Drag the Status bar down to display the Notification panel.
   • To open an item, tap it.
   • To clear a single notification, drag the notification left or right.
   • To clear all notifications, tap **Clear all**.

2. Drag upward from the bottom of the screen or tap **Back** to close the Notification panel.

Quick Settings

The Notification panel provides quick access to device functions, allowing you to quickly turn them on or off.

1. Drag the Status bar down to display the Notification panel.

2. Drag **View all** downward.
   • Tap a setting to turn it on or off.
   • Tap **More options** to reorder Quick settings or to change the button layout.

3. Drag **View all** upward to close Quick settings.
Multi Window

Multitask by using two applications at the same time. Apps that support Multi window can be displayed together on a split screen. You can switch between the apps and adjust the sizes of their windows.

1. From any screen, touch and hold Recent apps.

2. Tap Multi window in the title bar to launch an application in split screen view.
   - Recently opened apps are displayed in the lower window. Apps that support Multi window have the Multi window icon in their title bar.
   - If there are no recently opened apps that support Multi window, or if you want to launch a different app, tap App list.

3. Tap an app in the lower window to add it to the split screen view.

Devices and software are constantly evolving — the illustrations you see here are for reference only.
Window Controls
The Window controls modify the way app windows are displayed in split screen view.

- Tap the middle of the window border to display the following options:
  - 🔁 Switch windows: Swap the two windows.
  - ❌ Close app: Close the selected app.

Split Screen View Action
The Recent apps key can be configured to switch between full screen view and split screen view.

1. From a Home screen, swipe up to access Apps.
2. Tap 📲 Settings > Advanced features > Multi window, and then tap On/Off to enable Split screen view action.
   - To change the current app from full screen view to split screen view, touch and hold Recent apps.
   - While in split screen view, touch and hold Recent apps to close the app on the bottom.
Enter Text

Text can be entered using either an on-screen keyboard or your voice.

Predictive text

Option Keys

Use these special keys when entering text.

- From the Samsung keyboard, touch and hold the Options key for the following:
  - Voice input: Enter text using Google Voice™ typing.
  - Emoticon: Insert an emoticon at the cursor position.
  - One-handed keyboard: Change the keyboard layout to accommodate use with one hand.

Note: The Options key displays the last option used.

- Tap a text field to display the Samsung keyboard.
  - Tap Symbol to insert symbols.

Learn About Your Device
Configure the Samsung Keyboard
Set customized options for the Samsung keyboard.

1. From the Samsung keyboard, touch and hold 📊 Options.

2. Tap 🌐 Keyboard settings for options:
   - **Languages and types**: Set the keyboard type and choose which languages are available on the keyboard.
     - To switch between languages, slide the Space bar sideways.
   - **Smart typing**: Use predictive text and auto-correction features to prevent common typing mistakes. Type by swiping between letters.

- **Customization**: Use alternative characters, text shortcuts, change the keyboard size, or use a high contrast keyboard.
- **Other settings**: Reset keyboard settings, clear personalized data, and view information about the Samsung keyboard.
Use Google Voice Typing
Instead of typing, enter text by speaking.

Configure Google Voice Typing
Set customized options for Google Voice typing.

1. From a Home screen, swipe up to access Apps.
2. Tap Settings > General management > Language and input > On-screen keyboard > Google voice typing.
   - **Languages**: Select languages for Google Voice typing.
   - **“Ok Google” detection**: Say “OK Google” to launch Google Assistant.
   - **Hands-free**: Allow requests through Bluetooth® devices and wired headsets when the device is locked.
   - **Speech output**: Receive speech output through either the device speaker or a hands-free connection.

1. From the Samsung keyboard, tap Voice input.
2. Tap the screen and speak your text.
• **Offline speech recognition**: Download and install speech recognition languages to use voice input without a network connection.

• **Block offensive words**: Hide offensive words from search results.

• **Bluetooth headset**: Use Google Voice typing with a Bluetooth headset (not included) if available.
Emergency Mode
Use Emergency mode to access helpful emergency features and conserve your device’s power during an emergency situation.

To save battery power, Emergency mode:
- Restricts application usage to only essential applications and those you select.
- Turns off connectivity features and Mobile data when the screen is off.

Activate Emergency Mode
To activate Emergency mode:
1. Press and hold the Power key.
2. Tap Emergency mode.
   - When accessing for the first time, read and accept the Terms and conditions.
3. Tap Turn on.

Emergency Mode Features
While in Emergency mode, only the following apps and features are available on the Home screen:
- **Flashlight**: Use the device’s flash as a steady source of light.
- **Emergency alarm**: Sound an audible siren.
- **Share my location**: Send your location information to your emergency contacts.
- **Phone**: Launch the call screen.
- **Internet**: Launch the Web browser.
- **Add**: Add other available apps.
  - **Email**: Launch the Email app.
  - **Maps**: Launch Google Maps™.
- **Battery charge**: Display estimated battery charge remaining.
• **Estimated usage time remaining**: Display estimated standby time that can be reached based on current battery charge and usage.

• **Emergency call**: Dial the emergency telephone number (for example, 911). This kind of call can be made even without activated cellular service.

• **More options**:
  - **Turn off Emergency mode**: Disable Emergency mode and return to standard mode.
  - **Remove**: Choose apps to remove from the screen.
  - **Manage emergency contacts**: Manage your medical profile and ICE (In Case of Emergency) group contacts.
  - **Settings**: Configure the available settings. Only a limited number of settings are enabled in Emergency mode.

---

**Turn Off Emergency Mode**

When Emergency mode is turned off, you will return to standard mode.

1. Press and hold the **Power** key.
2. Tap **Emergency mode**.

**Note**: When Emergency mode is activated, Locating method is set to Battery saving. After Emergency mode is turned off, check your location settings. For more information, see “**Location**” on page 107.
Learn how to change the way apps are displayed, organize apps into folders, and install, uninstall, or disable apps.
**Use Apps**

The Apps list displays all preloaded and downloaded apps. You can uninstall, disable, or hide apps from view.

**Access Apps**

Access and launch all applications from the Apps list.

1. From a Home screen, swipe up to access Apps.
2. Tap an app’s shortcut to launch it.
   - To return to the main Home screen, press the Home key.

**Add an Apps Shortcut**

In addition to swiping to access apps, you can add an Apps button to the Home screen.

1. From a Home screen, swipe up to access Apps.
2. Tap More options > Galaxy Essentials.
3. Tap Show Apps button > Apply.

**Galaxy Essentials**

View and download Samsung apps that are optimized for use with Galaxy devices.

1. From a Home screen, swipe up to access Apps.
2. Tap More options > Galaxy Essentials.

**Uninstall or Disable Apps**

Uninstall or disable apps you download and install.

1. From a Home screen, swipe up to access Apps.
2. Touch and hold an app to open the options menu.
   - To uninstall an app, tap Uninstall.
   - To disable an app, tap Disable.

Note: Some preloaded apps can only be disabled, not uninstalled. Apps that are disabled are turned off and hidden from view.
Sort Apps
App shortcuts can be listed alphabetically or in your own custom order.

1. From a Home screen, swipe up to access Apps.
2. Tap More options > Sort.
   - **Alphabetical order**: Sort apps alphabetically.
   - **Custom order**: Arrange apps manually.
     - To remove empty spaces between apps, tap More options > Clean up pages.

Create and Use Folders
Create a folder to organize App shortcuts on an Apps list screen.

1. From a Home screen, swipe up to access Apps.
2. Touch and hold an app shortcut, and then drag it on top of another app shortcut until it is highlighted.
3. Release the app shortcut to create the folder.
   - **Enter folder name**: Name the folder.
   - **Palette**: Change the folder color.
   - **Add apps**: Place more apps in the folder. Tap apps to select them, and then tap Add.
4. Tap Back to close the folder.
Copy a Folder to a Home Screen
Create a folder and copy it to a Home screen.
1. From a Home screen, swipe up to access **Apps**.
2. Touch and hold a folder, and then drag it to the top or bottom of the screen.
3. Drag the folder to the desired location on the Home screen, and then release it.

Delete a Folder
When you delete a folder, the app shortcuts are returned to the Apps list screen.
1. From a Home screen, swipe up to access **Apps**.
2. Touch and hold a folder to delete.
3. Tap **Delete folder**, and confirm when prompted.

Apps Settings
Manage your downloaded and preloaded apps.
1. From a Home screen, swipe up to access **Apps**.
2. Tap ☰**Settings > Apps**.
3. Tap ▾**Menu** to set which apps to view, and then choose **All apps**, **Enabled**, or **Disabled**.
4. Tap ☰**More options** for the following options:
   - **Sort by size/name**: Sort the apps by size or name.
   - **Default apps**: Choose or change apps that are used by default for certain features, like email or browsing the Internet.
   - **App permissions**: Control which apps have permissions to use certain features of your device.
• **Show/Hide system apps**: Show or hide system (background) apps.

• **Special access**: Select which apps can have special access permissions to features on your device.

• **Reset app preferences**: Reset options that have been changed. Existing app data is not deleted.

5. Tap an app to view and update information about the app. The following options may be displayed:

• **Uninstall/Disable**: Uninstall or disable the app. Preloaded apps can only be disabled.

• **Force stop**: Stop an app that is not working correctly.

• **Mobile data**: View mobile data usage.

• **Battery**: View battery usage since the last full charge.

• **Storage**: Manage the app’s storage usage.

• **Memory**: View memory usage.

• **Notifications**: Configure notifications from the app.

• **Permissions**: View permissions granted to the app for access to your device’s information.

• **Set as default**: Set the app as a default for a certain category of apps.
Calculator

The Calculator provides basic and advanced arithmetic functions.

1. From a Home screen, swipe up to access Apps.
2. Tap ✎ Calculator, and enter the first number using the numeric keys.
3. Tap the appropriate arithmetic function key, and enter the next number.
4. Tap ✭ Equals to view the result.
5. Tap ✆ Clear to clear the results.

View Calculator History

View and clear your Calculator history.

1. From a Home screen, swipe up to access Apps.
2. Tap ✎ Calculator > History.
   - To return to the calculator, tap Keypad.
   - To clear the calculator history, tap Clear history.

Convert Units of Measurement

Quickly convert units of measurement using the unit converter.

1. From a Home screen, swipe up to access Apps.
2. Tap ✎ Calculator > ✎ Unit converter.
3. Select a category and use the drop-down menus to choose units of measurement.
4. Enter the numeric value to view the conversion.
Scientific Calculator

The Calculator app also provides advanced arithmetic functions.

1. From a Home screen, swipe up to access Apps.

2. Tap Calculator, and turn the device to landscape view.

   • If Auto rotate is not enabled, tap Rotate screen.
Calendar
Manage your events and tasks.

Add Calendars
Add existing calendars to the Calendar app.
1. From a Home screen, swipe up to access Apps.
2. Tap Calendar > More options.
3. Tap Manage calendars > Add account, and select an account type.
4. Enter your account information and follow the prompts.

Calendar View
There are several ways the calendar can be viewed.
1. From a Home screen, swipe up to access Apps.
2. Tap Calendar > View, and then tap an option:
   - **Year**: Display all twelve months of this year. Swipe across the screen to display another year.
   - **Month**: Display the current month. Swipe across the screen to display another month. Events and tasks are also displayed.
   - **Week**: Display the current week. Swipe across the screen to display another week.
   - **Day**: Display today’s schedule by hour. Swipe across the screen to display another day.
   - **Tasks**: Display all tasks.
3. Tap Today to return to the current date.
Create an Event
Use your Calendar to create events.

1. From a Home screen, swipe up to access Apps.
2. Tap Calendar > Add to add an event.
3. Enter details for the event, and then tap Save.

Share an Event
Share events from your Calendar.

1. From a Home screen, swipe up to access Apps.
2. Tap Calendar, tap an event, and tap again to edit it.
3. Tap Share, choose a sharing method, and follow the prompts.

Delete an Event
Delete events from your Calendar.

1. From a Home screen, swipe up to access Apps.
2. Tap Calendar, tap an event, and tap again to edit it.
3. Tap Delete, and confirm when prompted.

Create a Task
Use your Calendar to create tasks. Tasks are items you add to the calendar to be accomplished on a certain day. A task is displayed as a checklist item and is removed once you mark the task as complete.

1. From a Home screen, swipe up to access Apps.
2. Tap Calendar > View > Tasks.
3. Tap + Add to add a task.
4. Enter details for the task, and then tap Save.
Delete a Task
Delete tasks from your Calendar.

1. From a Home screen, swipe up to access Apps.
2. Tap Calendar, and tap a day on the calendar to view the tasks for the day, or tap View > Tasks.
3. Tap the Checkbox by the task to mark it as complete and remove it from the calendar.
   - To delete a task, tap the task to open it, tap Delete, and confirm when prompted.

Calendar Settings
Use Calendar settings to customize your calendar.

1. From a Home screen, swipe up to access Apps.
2. Tap Calendar > More options > Settings.
3. Tap an option and follow the prompts.
Camera and Video

Devices and software are constantly evolving — the illustrations you see here are for reference only.
Take Pictures
Take pictures with your device’s front or rear camera.

1. From a Home screen, swipe up to access Apps.
2. Tap 📷 Camera.
3. Use the display screen as a viewfinder by aiming the camera at the subject. While composing your picture, use the available options or these gestures:
   - To focus the shot, tap the screen. When you tap the screen, a brightness scale is displayed. Slide the light bulb up or down to adjust the brightness.
   - To add an effects filter, swipe to the left and tap a filter to apply it to the screen.
   - To add a shooting mode, swipe to the right and select a mode.
   - To quickly switch between the front and rear cameras, swipe the screen up or down.
4. Tap 📷 Take a picture.

Record Videos
Record high-quality videos using your device.

1. From a Home screen, swipe up to access Apps.
2. Tap 📷 Camera and aim the camera at your subject.
3. Tap ⌚ Record to begin recording a video.
   - To take a picture while recording, tap 📷 Capture.
   - To temporarily stop recording, tap ⏯ Pause. To continue recording, tap ⏯ Resume.
4. Tap ⏯ Stop when you are finished recording.
Configure Shooting Mode

Allow the camera to determine the ideal mode for your pictures or choose from several shooting modes.

1. From a Home screen, swipe up to access Apps.

2. Tap Camera, and swipe to the right to display the Mode options. Each section indicates which camera (front or rear) the modes are available for, and which options are common to both.

Rear camera
• Auto: Allow the camera to determine the ideal mode for the picture.
• Pro: Manually adjust the ISO sensitivity, exposure value, white balance, and color tone while taking pictures.
• Panorama: Create a linear image by taking pictures in either a horizontal or vertical direction.
• Continuous shot: Touch and hold the Camera button to take pictures continuously.
• HDR (Rich tone): Enable the light sensitivity and color depth features of the device to produce a brighter and richer picture.
• Beauty face: Enhance facial features automatically when taking pictures.
• Sports: Take fast action photos.

Front camera
• Selfie: Take selfie shots and apply various effects, such as an airbrushed effect.
• Wide selfie: Take wide-angle selfie shots to fit more people into your pictures.

Common
• More options: See more options for the camera modes.
• Sound & shot: Enrich your pictures by adding background sounds for a few seconds.
Camera Settings

Use the icons on the main camera screen and the settings menu to configure your camera’s settings.

1. From a Home screen, swipe up to access Apps.
2. Tap Camera > Settings.

Rear camera
- **Picture size**: Select a resolution. Selecting a higher resolution for higher quality requires more memory.
- **Video size**: Select a resolution. Selecting a higher resolution for higher quality requires more memory.
- **Timer**: Take time-delayed pictures or videos.

Front camera
- **Picture size**: Select a resolution. Selecting a higher resolution for higher quality requires more memory.
- **Video size**: Select a resolution. Selecting a higher resolution for higher quality requires more memory.
- **Save pictures as previewed**: Save self-portraits or self-recordings as viewed on the camera screen, not as flipped images.
- **Shooting methods**:
  - **Tap screen**: Tap the screen to take selfies.
  - **Show palm**: Hold the palm of your hand toward the camera to have your picture taken in a few seconds.
- **Timer**: Take time-delayed pictures or videos.
Common

- **Grid lines**: Display viewfinder grid lines to help compose a picture or video.
- **Location tags**: Attach a GPS location tag to the picture.
- **Review pictures**: Review pictures after taking them.
- **Quick launch**: Press the Home key twice in quick succession to open the camera.
- **Storage location**: Select the memory location for storage.
  - A memory card (not included) must be installed to view Storage location. For more information, see “Install a Memory Card” on page 9.
- **Floating Camera button**: Add an extra camera button that you can move anywhere on the screen in Auto and Selfie modes.

- **Volume key function**: Use the Volume key to take pictures, record video, zoom, or control system volume.
- **Reset settings**: Reset the camera settings.
Clock
The Clock app offers features for keeping track of time and setting alarms.
1. From a Home screen, swipe up to access Apps.
2. Tap 📦 Clock, and tap a tab to use a feature.

Alarm
Use the Alarm tab to set one-time or recurring alarms, and choose options for how to be notified.
1. From a Home screen, swipe up to access Apps.
2. Tap 📦 Clock > + Add alarm.
3. Tap the following items to configure an alarm:
   - Date: Choose the day for this alarm.
   - Time: Set a time for the alarm.
   - Repeat: Choose when to repeat the alarm.
   - Alarm name: Enter a name for the alarm.
   - Snooze: Allow snoozing. Set interval and repeat values for the alarm while snoozing.
   - Alarm tone and volume: Choose a sound to play for the alarm, and drag the slider to set the volume of the alarm.
   - Vibration: Choose whether the alarm uses vibration alert.
   - Read time aloud: Read the time aloud when the alarm rings.
4. Tap Save to save the alarm.
**Turn Off Alarm**
At the set alarm time, the device sounds the alarm and vibrates.
- To stop an alarm, tap **Dismiss**, or swipe **Dismiss** to the left or right.
- To postpone the alarm, tap **Snooze**.

**Delete an Alarm**
Delete an alarm that you created.
1. From a Home screen, swipe up to access **Apps**.
2. Tap **Clock**, and find the alarm in the alarm list (under **Alarm**), and then touch and hold it to select it.
3. Tap **Delete**.

**World Clock**
The World clock lets you keep track of the time in multiple cities around the world.
To list a city on the World clock screen:
1. From a Home screen, swipe up to access **Apps**.
2. Tap **Clock > World clock > Add city**.
3. Tap a city, or tap **Search** for more cities.
4. Tap **Add** to add the city to your World clock.
   - To remove a city, touch and hold it, and tap **Delete**.
**Stopwatch**
Time events down to a hundredth of a second.
1. From a Home screen, swipe up to access Apps.
2. Tap Clock > Stopwatch.
3. Tap Start to begin timing.
   - To keep track of lap times, tap Lap.
4. Tap Stop to end timing.
   - To continue timing after stopping the clock, tap Resume.
   - To reset the Stopwatch to zero, tap Reset.

**Timer**
The Timer provides a countdown timer for up to 99 hours, 59 minutes, and 59 seconds.
1. From a Home screen, swipe up to access Apps.
2. Tap Clock > Timer.
3. Use the keypad and tap Hours, Minutes, and Seconds to set the length of the Timer.
4. Tap Start to begin the Timer.
   - To temporarily stop the Timer, tap Pause.
     To continue timing after pausing, tap Resume.
   - To stop and reset the Timer, tap Cancel.
Contacts

Store and manage your contacts. You can synchronize with personal accounts added to your device. For more information, see “Add an Account” on page 141.

Note: The Contacts app and the Contacts tab in the Phone app have different options and functions.

Add a Contact

Use the following procedure to add a new contact.

1. From a Home screen, swipe up to access Apps.
2. Tap Contacts > Create contact, and then tap contact fields to enter information.
   - Choose a storage location for the contact. You can store the contact on the device or sync it with an account.
3. Tap Save.

- Tap Contact photo to assign a picture or an animated GIF to the new contact.
- Enter a name and other contact information.
  - Tap Add field to enter additional entries.
  - Tap Remove field to remove an entry.
  - Tap View more for additional fields.
  - Tap the label to the right of an entry to choose a label for the field (for example, Home or Work).
Edit a Contact

When editing a contact, you can tap a field and change or delete the information, or you can add more fields to the contact’s list of information.

1. From a Home screen, swipe up to access Apps.
2. Tap Contacts, and then tap a contact.
3. Tap Details > Edit.
4. Tap any of the fields to add, change, or delete information.
5. Tap Save.

Share a Contact

Share a contact by using various sharing methods.

1. From a Home screen, swipe up to access Apps.
2. Tap Contacts, and then tap a contact.
3. Tap Details > Share.
4. Tap either vCard file (VCF) or Text.
5. Choose a sharing method and follow the prompts.
Import Contacts
Your device can import contacts from an installed memory card (not included).

1. From a Home screen, swipe up to access Apps.
2. Tap Contacts > More options > Manage contacts.
3. Tap Import/Export contacts.
4. Tap Import and follow the prompts.

Export Contacts
Manually back up contacts to an installed memory card (not included).

1. From a Home screen, swipe up to access Apps.
2. Tap Contacts > More options > Manage contacts.
3. Tap Import/Export contacts.
4. Tap Export and follow the prompts.
Link Contacts
Consolidate contact information from multiple sources into one contact by linking entries into a single contact.

1. From a Home screen, swipe up to access **Apps**.
2. Tap 📞 **Contacts**, and then tap a contact.
3. Tap 📌 **Details** > 📌 **More options** > **Link contacts**.
4. Tap contacts to choose them.
5. Tap **Link**.

Unlink Contacts
Unlink contact information that has been linked and restore it to multiple sources.

1. From a Home screen, swipe up to access **Apps**.
2. Tap 📞 **Contacts**, and then tap a contact.
3. Tap 📌 **Details** > 📌 **More options** > **Manage linked contacts**.
4. Tap ✖️ **Disconnect** beside contacts to unlink them from the main contact.
Delete Contacts
Delete a single contact or multiple contacts.
1. From a Home screen, swipe up to access Apps.
2. Tap Contacts, and then touch and hold a contact.
   • You can also tap other contacts or tap the All checkbox at the top of the screen to select all contacts.
3. Tap Delete, and confirm when prompted.

Favorites
When you mark contacts as favorites, they are easily accessible from other apps.
1. From a Home screen, swipe up to access Apps.
2. Tap Contacts, and then tap a contact.
3. Tap Details.
4. Tap Add to Favorites to mark contacts as Favorites and the star brightens ⭐.
   • To remove contacts from Favorites, tap Remove from Favorites and the star dims ⭐.
Groups
Use groups to organize your contacts.

Create a Group
Create your own contact groups.
1. From a Home screen, swipe up to access Apps.
2. Tap Contacts > More options > Groups.
3. Tap Create, and then tap fields to enter information about the group:
   - **Group name**: Enter a name for the new group.
   - **Group ringtone**: Customize the sounds for the group.
   - **Add member**: Select contacts to add to the new group, and then tap Done.
4. Tap Save.

Add or Remove Group Contacts
Add more contacts to a group, or remove contacts.
1. From a Home screen, swipe up to access Apps.
2. Tap Contacts > More options > Groups, and then tap a group.
3. Tap Edit.
   - To add a contact, tap Add member, and then tap the contacts you want to add. When finished, tap Done.
   - To remove a contact, tap Delete next to a contact.
4. Tap Save.
Send a Message to a Group
Send a text message to members of a group.

1. From a Home screen, swipe up to access Apps.
2. Tap Contacts > More options > Groups, and then tap a group.
3. Tap More options > Send message.

Send an Email to a Group
Send an email to members of a group.

1. From a Home screen, swipe up to access Apps.
2. Tap Contacts > More options > Groups, and then tap a group.
3. Tap More options > Send email.
4. Tap contacts to select them, or tap the All checkbox at the top of the screen to select all, and then tap Done.
   - Only group members that have an email address in their records are displayed.
5. Choose an email account and follow the prompts.

Delete a Group
Delete a group you created.

1. From a Home screen, swipe up to access Apps.
2. Tap Contacts > More options > Groups, and then tap a group.
3. Tap More options > Delete.
4. Tap Group only to only delete the group or tap Group and members to delete the group and the contacts in the group.
Contacts Settings
These settings allow you to modify settings associated with using the Contacts app.

1. From a Home screen, swipe up to access Apps.
2. Tap 📞 Contacts > ⚙ More options > Settings.
3. Tap an option and follow the prompts.

Direct Share
Share content directly with your contacts from within any app. Once enabled, your frequent contacts are displayed in the Share window.

1. From a Home screen, swipe up to access Apps.
2. Tap 🎨 Settings > Advanced features > Direct share, and tap On/Off to enable.
Email

View and manage all of your email accounts in one app.

To add an email account, see “Add an Email Account” on page 14.

Create and Send an Email

This section describes how to create and send an email using the Email app.

1. From a Home screen, swipe up to access Apps.
2. Tap ⌨️ Email > 📧 Compose new email.
3. Tap the To field to manually add an email address or tap 🔄 Add from Contacts to select recipients from Contacts, Groups, or Recents.
   - If manually entering recipients, enter additional recipients by separating each entry with a semicolon (;). More recipients can be added at any time before the message is sent.
4. Tap the Subject and Message fields to enter text.
   - Tap Attach to add an attachment to your email.
   - Tap ▼ More options for additional email options.
5. Review your message and tap Send.
Manage the Inbox

There are several tools available from the Inbox screen.

1. From a Home screen, swipe up to access Apps.
2. Tap ⌛ Email.
   - Tap a message to read and reply or forward it.
   - Tap Search to search for key words in your email inbox.
   - Tap Edit for additional message options.
   - Tap Sort by to customize how messages display.

View Multiple Email Accounts

View email you receive for multiple accounts, or you can view email accounts individually.

1. From a Home screen, swipe up to access Apps.
2. Tap ⌛ Email.
3. Tap ⌍ Mailbox at the top left of the screen to choose a different view:
   - [Account name]: View email for only one email account.
   - All accounts: View all email in a combined inbox.
Remove an Email Account
To remove an email account:
1. From a Home screen, swipe up to access Apps.
2. Tap Email.
3. Tap Mailbox > Settings.
4. Tap the account you want to remove.
5. Tap Remove, and confirm when prompted.

Email Settings
These settings allow you to modify settings associated with using the Email app.
1. From a Home screen, swipe up to access Apps.
2. Tap Email.
3. Tap Mailbox > Settings.
   - Under General, tap an option, and then follow the prompts.
   - Tap an account to configure specific settings for only that account.
**Galaxy Apps**

Find and download premium apps that are exclusive to Galaxy devices. A Samsung account is required to download from Galaxy Apps.

1. From a Home screen, swipe up to access **Apps**.

2. Tap 📱 **Galaxy Apps**.
Gallery

View, edit, and manage pictures and videos. The following categories allow you to organize your content:

• **Pictures**: View pictures and videos in the order they were saved. Content is organized by date.

• **Albums**: Create custom albums to organize your pictures and videos.

• **Stories**: Create custom collections of related pictures and videos and share them with your contacts.

View Pictures

Pictures stored on your device are viewable in the Gallery app.

1. From a Home screen, swipe up to access **Apps**.
2. Tap 📷 **Gallery** > **Pictures**.
3. Tap a picture to view it. Swipe left or right to view other pictures or videos.

- To mark the picture as a favorite, tap ❤️ **Favorite**. The picture is added to Favorites under the Albums tab.

- To access the following features, tap ✅ **More options**:
  - **Details**: View and edit information about the picture, including the date created, location, and properties.
  - **Set as wallpaper**: Set the picture as wallpaper.
  - **Print**: Send the picture to a connected printer.
  - **Open in Photo Editor Pro**: Edit the picture in Photo Editor Pro.
Edit Pictures
Edit pictures stored on your device.
1. From a Home screen, swipe up to access Apps.
2. Tap 📷 Gallery > Pictures.
3. Tap a picture to view it, and use the following tools to edit the picture:
   - Transform: Rotate, flip, crop, or make other changes to the overall appearance of the picture.
   - Effects: Add visual effects to the picture.
   - Stickers: Add illustrated stickers to the picture.
   - Draw: Make drawings on the picture.
   - Tap More options > Open in Photo Editor Pro for more editing tools.
4. Tap Save, and confirm when prompted.

Play Videos
Play videos stored on your device.
1. From a Home screen, swipe up to access Apps.
2. Tap 📽️ Gallery > Pictures.
3. Tap a video to view it. Swipe left or right to view other pictures or videos.
   - To mark the video as a favorite, tap Favorite. The video is added to Favorites under the Albums tab.
   - To view and edit information about the video, including the date created, location, and properties, tap Details.
4. Tap Play video.
Share Pictures and Videos  
Share pictures and videos from the Gallery app.

1. From a Home screen, swipe up to access Apps.
2. Tap Gallery > Pictures.
3. Tap More options > Share, and then tap pictures and videos to select them.
4. Tap Share, and then choose an app or connection to use for sharing your selection. Follow the prompts.

Delete Pictures and Videos  
Delete pictures and videos stored on your device.

1. From a Home screen, swipe up to access Apps.
2. Tap Gallery > Pictures.
3. Tap More options > Edit.
4. Tap pictures and videos to select them, or tap the All checkbox at the top of the screen to select all pictures and videos.
5. Tap Delete, and confirm when prompted.

Take a Screenshot
Capture an image of your screen. A Screenshots album is automatically created in the Gallery app.

► From any screen, press and hold the Power and Volume down keys.
Google Apps

The following apps from Google are preloaded on your device. Certain apps require a Google Account.

Chrome

Browse the Internet and bring your open tabs, bookmarks, and address bar data from your computer to your mobile device.

1. From a Home screen, swipe up to access Apps.
2. Tap Google folder > Chrome.

Visit support.google.com/chrome to learn more about Chrome™.

Drive

Open, view, rename, and share files saved to your Google Drive™ cloud account.

1. From a Home screen, swipe up to access Apps.
2. Tap Google folder > Drive.

Visit support.google.com/drive to learn more about Google Drive.

Gmail

Send and receive email messages with Google’s web-based email service.

1. From a Home screen, swipe up to access Apps.
2. Tap Google folder > Gmail.

Visit support.google.com/mail to learn more.
Google
Find online content with tools that learn what interests you. Turn on your personalized feed to receive customized content.

1. From a Home screen, swipe up to access Apps.
2. Tap Google folder > Google.
3. Follow the prompts to enable your feed.

Hangouts
Meet friends and family online, share photos, host video calls, and send SMS and Hangouts messages.

1. From a Home screen, swipe up to access Apps.
2. Tap Google folder > Hangouts.
Visit support.google.com/hangouts to learn more.

Maps
Get directions and other location-based information. You must enable location services to use Google Maps. For more information, see “Location” on page 107.

1. From a Home screen, swipe up to access Apps.
2. Tap Google folder > Photos.
Visit support.google.com/maps to learn more.

Photos
Store and back up your photos and videos automatically to your Google Account.

1. From a Home screen, swipe up to access Apps.
2. Tap Google folder > Photos.
Visit support.google.com/photos to learn more about Google Photos™.
Play Movies & TV
Watch movies and TV shows purchased from Google Play. You can also view videos saved on your device.
1. From a Home screen, swipe up to access Apps.
2. Tap Google folder > 🎥 Play Movies & TV.
Visit play.google.com/store/movies to learn more.

Play Music
Play music and audio files on your device.
1. From a Home screen, swipe up to access Apps.
2. Tap Google folder > 🎧 Play Music.
Visit support.google.com/music to learn more.

Play Store
Find new apps, movies and TV shows, music, books, magazines, and games in Google Play™ store.
1. From a Home screen, swipe up to access Apps.
2. Tap 🎮 Play Store.
Visit support.google.com/play to learn more.

YouTube
Watch and upload YouTube™ videos right from your device.
1. From a Home screen, swipe up to access Apps.
2. Tap Google folder > 📹 YouTube.
Visit support.google.com/youtube to learn more.
Internet

Access the Internet with a fully-featured web browser.

1. From a Home screen, swipe up to access Apps.
2. Tap 🌐 Internet.
3. Tap the address field, enter the web address, and then tap Go on the keyboard.

- ✦ Add to Bookmarks: Add the current web page to bookmarks.
- ⚒ Page info: View the address and certificate for this page.
- ⏳ Refresh: Refresh or reload the current web page.
- ⬅️ Back or ⬅️ Back: Return to the previous page.
- ⬆️ Forward: Go forward to a recent page.
- ⛏️ Home: Display your Internet home page.

- 📚 Bookmarks: Manage bookmarked pages, saved pages, and browsing history.
- 🗂 Tabs: Manage open tabs. The number on the icon indicates the number of tabs that are currently open.

Quick Menu

Access commonly used features of your browser.

1. From a Home screen, swipe up to access Apps.
2. Tap 🌐 Internet.
3. Tap Quick menu for the following options:
   - ⌘ Share: Share the web page with others.
   - ☔️ New tab: Open a new tab.
   - ♨ Web page text size: Change the text size.
   - ✗ Close: Close the Quick menu.
   - ⚙️ Settings: Change Quick menu options.
Browser Tabs
Use tabs to view multiple web pages at the same time.
1. From a Home screen, swipe up to access Apps.
2. Tap 🌐 Internet.
3. Tap 📚 Tabs > New tab.
   - To close a tab, tap ✗ Close tab.

Bookmarks Page

Save a Bookmark
Bookmarking a web page saves the web address so that you can launch it quickly.
1. From a Home screen, swipe up to access Apps.
2. Tap 🌐 Internet.
3. Tap 📚 Add to Bookmarks.

Open a Bookmark
Quickly launch a web page from the Bookmarks page.
1. From a Home screen, swipe up to access Apps.
2. Tap 🌐 Internet.
3. Tap 📘 Bookmarks > Bookmarks.
4. Tap a bookmark entry.

Save a Web Page
Saving a web page stores its content on your device so that you can access it offline.
1. From a Home screen, swipe up to access Apps.
2. Tap 🌐 Internet.
3. Tap More options > Save webpage.
Open a Saved Web Page
Saved web pages can be opened on your device even if your device is not connected to the Internet.

1. From a Home screen, swipe up to access Apps.
2. Tap Internet.
3. Tap Bookmarks > Saved pages.
4. Tap a saved page to open it in the browser.

View History
Launch recently visited web pages in History.

1. From a Home screen, swipe up to access Apps.
2. Tap Internet.
3. Tap Bookmarks > History.
4. Tap an entry to launch the web page.

Share Pages
Web pages can be shared with your contacts.

1. From a Home screen, swipe up to access Apps.
2. Tap Internet.
3. Tap More options > Share, and follow the prompts.
Secret Mode

Pages viewed in Secret mode are not listed in your browser history or search history, and leave no traces (such as cookies) on your device. Secret tabs are a darker shade than the normal tab windows. Any downloaded files remain on your device after you close the secret tab.

1. From a Home screen, swipe up to access Apps.
2. Tap Internet.
3. Tap Tabs > Turn on Secret mode.
4. Tap Set password to protect your Secret mode data with a password.
   – or –
   Tap Don’t use password.
5. Browse the Internet as usual.
   • To turn off secret mode, tap Tabs > Turn off Secret mode.

Internet Settings

These settings allow you to modify settings associated with using the Internet app.

1. From a Home screen, swipe up to access Apps.
2. Tap Internet.
3. Tap More options > Settings.
4. Tap an option and follow the prompts.
**Memo**

Write and save memos using the Memo app.

1. From a Home screen, swipe up to access **Apps**.
2. Tap **Tools** folder > 📝 **Memo**.
3. Tap + **Create memo**, and type a memo. The following tools are available:
   - **Category**: Add or change the category.
   - **Tasks**: Add tasks.
   - **Image**: Insert an image into the memo.
   - **Drawing**: Create a drawing and add it to the memo.
   - **Voice**: Use your voice to insert text into the memo.
4. Tap **Save** when finished.

**Edit Memos**

Make edits to memos you create.

1. From a Home screen, swipe up to access **Apps**.
2. Tap **Tools** folder > 📝 **Memo**, and tap a memo to view it.
3. Tap the content and make edits.
4. Tap **Save** when you are finished.

**Browse Memos**

Browse memos you create.

1. From a Home screen, swipe up to access **Apps**.
2. Tap **Tools** folder > 📝 **Memo**.
   - Browse memo entries by swiping up or down.
   - To search for a memo, tap **Search**.
Memo Options
Edit, share, or manage memos.

1. From a Home screen, swipe up to access Apps.

2. Tap Tools folder > Memo.

3. Tap More options for the following options:
   - Edit: Select memos to share, delete, or move.
   - Manage categories: Create and manage categories to organize your memos.

4. Tap a memo, and then tap one of the following options:
   - Favorite: Mark the memo as a favorite.
   - More options:
     - Share: Send the memo to others using a variety of sharing methods or social media.
     - Delete: Delete the memo.

- Pin to Home screen: Place a shortcut to the memo on a Home screen.
- Print: Select a printer to print your memo.
Messages
Learn how to send and receive text messages (SMS) and multimedia messages (MMS).

1. From a Home screen, swipe up to access Apps.
2. Tap 📩 Messages > 🔍 Compose.
   - You can choose recipients from Contacts, Groups, or Recents.
3. Tap Compose.
   - To manually enter a recipient, tap the Recipient field.
   - To add a recipient from your contacts, tap 👤 Add from Contacts.
4. Tap the Enter message field to enter a message.
   - 📌 Attach: Add an attachment to your message.
   - 😊 Emoticon: Choose an available emoticon from the list and add it into your message at the cursor location.
5. Review the message and tap ☑️ Send.

Note: If you exit a message before you send it, the message is automatically saved as a draft.
View Messages
1. From a Home screen, swipe up to access Apps.
2. Tap 📬 Messages, and then tap a message to view it.
   • To play a multimedia message attachment (audio or video), tap ⏯ Play.
   • To scroll through the list of messages, swipe up or down the page.

Delete Messages
1. From a Home screen, swipe up to access Apps.
2. Tap 📬 Messages > More options > Edit.
3. Tap each message you want to delete or tap the All checkbox at the top of the screen to select all messages.
4. Tap Delete, and confirm when prompted.

Message Search
Search through your messages by using the search feature.
1. From a Home screen, swipe up to access Apps.
2. Tap 📬 Messages > Search.
3. Enter a word or phrase to search for, and then tap ⏯ Search on the keyboard.

Messages Settings
Configure the settings for text and multimedia messages.
1. From a Home screen, swipe up to access Apps.
2. Tap 📬 Messages > More options > Settings.
Emergency Alerts

Emergency alerts notify customers of imminent threats to their safety within their geographical area. There is no charge for receiving an Emergency alert message. You can choose to not receive extreme, severe, and AMBER alerts.

1. From a Home screen, swipe up to access Apps.
3. Tap Emergency alerts.
   • All alerts are enabled (on) by default.
4. Tap an alert option to disable it.

Note: Presidential alerts cannot be disabled.

Send SOS Messages

Send a message with your location to designated contacts when you are in an emergency situation.

1. From a Home screen, swipe up to access Apps.
2. Tap Settings > Advanced features > Send SOS messages, and then tap On/Off to enable this feature.
3. Tap Send messages to > Add and add recipients by creating new contacts or selecting from Contacts.
   • To include a picture from your front and rear camera in your SOS messages, tap Attach pictures.
   • To include a five-second audio recording in your SOS message, tap Attach audio recording.
4. Press the Power key quickly three times to send an SOS message.
My Files

View and manage files stored on your device, including images, videos, music, and sound clips.

1. From a Home screen, swipe up to access Apps.
2. Tap Tools folder > My Files.
3. Tap a category to view the relevant files or folders.
4. Tap a file or folder to open it.

File Groups

Files stored in the device are organized into the following groups:

- **Recent files**: View recently accessed files.
- **Categories**: View your files based on the file type.
- **Phone**: View folders and files located on the device and optional memory card (not included).

My Files Options

Use My Files options to search, edit, clear file history, and more.

1. From a Home screen, swipe up to access Apps.
2. Tap Tools folder > My Files. The following options are available:
   - **Search**: Search for a file or folder.
   - **More options**: Tap for the following options:
     - **Get more space**: View storage information for your device.
     - **Settings**: View settings for the My Files app.

3. Tap Recent files > More options > Clear recent file history to clear the Recent files category. This option only appears if files have been accessed recently.
Devices and software are constantly evolving — the illustrations you see here are for reference only.
Make a Call
Make a call from a Home screen.
1. From a Home screen, tap 📞 Phone.
2. Enter a number on the keypad and tap 📞 Call.
   • Tap Keypad if the keypad is not displayed.

Enable Swipe to Call
Swipe a contact or number to the right to make a call.
1. From a Home screen, swipe up to access Apps.
2. Tap 📞 Settings > Advanced features > Swipe to call or send messages.
3. Tap On/Off to enable this feature.

Make a Call from Recents
All incoming, outgoing, and missed calls are recorded in the Call log.
1. From a Home screen, tap 📞 Phone.
2. Tap Recents. A list of recent calls is displayed.
3. Tap a contact, and then tap 📞 Call.

Make a Call from Contacts
Call a contact from the Contacts app.
1. From a Home screen, swipe up to access Apps.
2. Tap 📞 Contacts.
3. Swipe your finger across a contact to the right to call the contact.
Answer a Call

When a call is received, the phone rings and the caller’s phone number or name is displayed. If you are using an app, a pop-up screen is displayed for the incoming call.

► On the incoming call screen, drag 🔄 Answer to the right to answer the call.

– or –

On the incoming call pop-up screen, tap 🔄 Answer to answer the call.

Decline a Call

You can choose to decline an incoming call. If you are using an app, a pop-up screen is displayed for the incoming call.

► On the incoming call screen, drag 🔄 Decline to the left to reject the call and send it to your voicemail.

– or –

On the incoming call pop-up screen, tap 🔄 Decline to reject the call and send it to your voicemail.

Decline with Message

You can choose to decline an incoming call with a text message response.

► On the incoming call screen, drag Send message upward and select a message.

– or –

On the incoming call pop-up screen, tap Send message and select a message.
End a Call

► Tap ◆ End when you are ready to end your call.

Actions While on a Call

Adjust call volume, switch to a headset or speaker, and even multitask while on a call.

Adjust the Call Volume

► Press the Volume keys to increase or decrease the volume.

—or—

Tap ◆ Extra volume to quickly add more volume to the incoming audio.

Switch to Headset or Speaker

Listen to the call using the speaker or through a Bluetooth headset (not included).

► Tap ☰ Speaker to hear the caller using the speaker.

—or—

Tap ☰ Bluetooth to hear the caller using a Bluetooth headset.

Multitasking

If you exit the call screen to use another app, your active call is indicated in the Status bar.

To return to the call screen:

► Drag the Status bar down to display the Notification panel, and then tap Call notification.

To end a call while multitasking:

► Drag the Status bar down to display the Notification panel, and then tap ◆ End call.
**Call Log**

The calls you have dialed, received, and missed are stored in the Call log.

1. From a Home screen, tap 📞 Phone.

2. Tap **Recents**. A list of recent calls is displayed. If the caller is in your Contacts list, the caller’s name is displayed.

**Save a Contact from a Recent Call**

Use recent call information to create a contact or update a contact in your Contacts list.

1. From a Home screen, tap 📞 Phone.

2. Tap **Recents**.

3. Tap the call that contains the information that you want to save to your Contacts list.

4. Tap 📩 Details.

5. Tap **Create contact**.

   – or –

   Tap **Update existing** to replace the number for an existing contact.

**Delete a Call Record**

Call log entries can be deleted.

1. From a Home screen, tap 📞 Phone.

2. Tap **Recents**.

3. Touch and hold the call you want to delete from the Call log.

4. Tap **Delete**.
Block a Number

By adding a caller to your Block list, future calls from this number are sent directly to your voicemail, and messages are not received.

1. From a Home screen, tap 📞 Phone.
2. Tap Recents.
3. Tap the caller you want to add to the Block list.
4. Tap Details > More options > Block number, and confirm when prompted.

You can also modify the Block list in Settings:

► From a Home screen, tap 📞 Phone > More options > Settings > Block numbers.

Create a Speed Dial Assignment

Assign up to 999 speed dial numbers.

1. From a Home screen, tap 📞 Phone.
   - Tap Keypad if the keypad is not displayed.
2. Tap More options > Speed dial. The Speed dial screen displays the reserved speed dial numbers.
3. Tap an unassigned number.
   - Tap Menu to select a different Speed dial number than the next one in sequence.
   - Number 1 is reserved for Voicemail.
4. Type in a name or number, or tap Add from Contacts to assign a contact to the number.
   - The selected contact is displayed in the Speed dial number box.

Speed Dial

Assign a shortcut number to a contact for speed dialing their default number.
Make a Call with Speed Dial
Make a call using Speed dial.

1. From a Home screen, tap 📱 Phone.
   • Tap 📷 Keypad if the keypad is not displayed.
2. Touch and hold the Speed dial number.
   • If the Speed dial number is more than one digit long, enter the first digits, and then hold the last digit.

Remove a Speed Dial Number
Remove an assigned Speed dial number.

1. From a Home screen, tap 📱 Phone.
2. Tap ☰ More options > Speed dial.
3. Find the contact to remove from Speed dial.
4. Tap ✗ Remove.

Emergency Calls
Dial the emergency telephone number in your region regardless of the phone’s cellular service status. If your phone is not activated, you can only make an emergency call.

1. From a Home screen, tap 📱 Phone.
2. Enter the emergency telephone number (911 in North America) and tap 📱 Call.
3. Complete your call. During this type of call, you have access to most in-call features.
Make an Emergency Call from a Locked Screen

The emergency telephone number can be dialed even if the phone is locked, allowing anyone to use your phone to call for help in an emergency. When accessed from a locked screen, only the emergency calling feature is accessible to the caller. The rest of the phone remains secured.

1. Drag 📞 Phone upward to open the call screen.
2. Tap Emergency call to display the Emergency dialer.
3. Enter the emergency telephone number (911 in North America) and tap 📞 Call.
4. Complete your call. During this type of call, you have access to most in-call features.

Voicemail

Use your phone’s voicemail feature.

1. From the Home screen, tap 📞 Phone > 📧 Voicemail.
   - You may be prompted to enter a password.
2. Follow the voice prompts from the voicemail center.
Optional Calling Services

If available with your mobile service plan, the following calling services are supported.

Place a Multi-Party Call

Make another call while a call is in progress.

1. From the active call, tap ➕ Add call to dial the second call.

2. Dial the new number and tap ☎ Call. When the call is answered:
   - Tap ➔ Merge to hear both callers at once (multi-conferencing).

Call Settings

These settings allow you to modify settings associated with the Phone app.

1. From a Home screen, tap 📞 Phone.
2. Tap ☰ More options > Settings.
3. Tap an option and follow the prompts.
**Voice Recorder**

Record voice memos and notes.

1. From a Home screen, swipe up to access **Apps**.

2. Tap **Tools** folder > 🎤 **Voice Recorder**. The following options are available:
   - **Record**: Record an audio file.
   - **Pause**: Pause the recording of an audio file.
   - **Play**: Play back the current recording.
   - **Save**: Save the current recording.
   - **Bookmark**: Bookmark the current position of the recording.
   - **List**: List your recordings.
   - **More options > Settings**: Configure recording quality, automatically reject phone calls while recording, set recording storage location, and view Voice Recorder information.

**Manage Recordings**

Once you have recorded and saved at least one recording, the following options are available:

1. From a Home screen, swipe up to access **Apps**.

2. Tap **Tools** folder > 🎤 **Voice Recorder**.

3. Tap **List > Search** to search for a recording.

4. Tap a recording to play it back.

5. Tap **More options** for additional options:
   - **Edit**: Select recordings. Once selected, the following options are available:
     - **Rename**: Rename the recording.
     - **Delete**: Delete the recording.
     - **More options > Move**: Move one or more recordings to a different category.
• **Share**: Select and share recording files.

• **Sort by**: Customize how your recordings are listed.

• **Settings**: Access Voice Recorder settings.
Configure your device’s connections and settings.
Access Settings

There are a couple of ways to access your device settings.

► From a Home screen, swipe up to access Apps, and then tap 🗼 Settings.

– or –

Drag down from the Status bar to display the Notification panel, and then tap 🗼 Settings.

Search for Settings

If you are not sure exactly where to find a certain setting, you can use the Search feature.

1. From a Home screen, swipe up to access Apps, and then tap 🗼 Settings.

2. Tap 🔍 Search.

3. Enter a word or words in the Search field. As you type, settings that match are displayed on the screen.

4. Tap an entry to go to that setting.
Connections

Manage connections between your device and a variety of networks and other devices.
Wi-Fi

Connect your device to a Wi-Fi network.

1. From a Home screen, swipe up to access Apps.

2. Tap Settings > Connections > Wi-Fi, and then tap On/Off to turn on Wi-Fi.
   - When Wi-Fi is turned on, your device automatically scans for available networks and displays them.

3. Tap the network you want to connect to.
   - When you select an open network, you are automatically connected to the network. Otherwise, enter a password to connect.

Manually Connect to a Wi-Fi Network

Connect your device to a Wi-Fi network that is hidden.

1. From a Home screen, swipe up to access Apps.

2. Tap Settings > Connections > Wi-Fi, and then tap On/Off to turn on Wi-Fi.

3. Tap + Add network at the bottom of the list.

4. Enter information about the Wi-Fi network:
   - **Network name**: Enter the name of the Wi-Fi network.
   - **Security**: Select a security option and enter your password.
   - **Auto reconnect**: Connect to this network automatically whenever available.
   - **Show advanced options**: Add advanced options such as IP settings and Proxy settings.

5. Tap Connect to store the information and connect.
Wi-Fi Preferences

Customize advanced Wi-Fi services.

1. From a Home screen, swipe up to access Apps.
2. Tap Settings > Connections > Wi-Fi, and then tap On/Off to turn on Wi-Fi.
3. Tap Advanced for options:
   - **Adaptive Wi-Fi**: Automatically switch between Wi-Fi and mobile data, and save frequently used Wi-Fi networks.
   - **Network notification**: Receive notifications when open networks in range are detected.
   - **Hotspot 2.0**: Connect automatically to public Wi-Fi access points that support Hotspot 2.0.
   - **Manage networks**: View your saved Wi-Fi networks.
   - **WPS push button**: Connect to a Wi-Fi network by pressing the WPS button on a router.
   - **WPS PIN entry**: Connect to a Wi-Fi network by entering your WPS PIN.
   - **Keep Wi-Fi on during sleep**: Specify whether to disconnect from Wi-Fi when the device is asleep.
   - **Install network certificates**: Install authentication certificates.
   - **Wi-Fi control history**: View devices that have turned your Wi-Fi on or off.
   - **MAC address**: View your device’s MAC address, which is required when connecting to some secured networks (not configurable).
   - **IP address**: View your device’s IP address (not configurable).
Wi-Fi Direct

Wi-Fi Direct uses Wi-Fi capability to share data between devices. A Wi-Fi network connection is not required.

1. From a Home screen, swipe up to access Apps.
2. Tap Settings > Connections > Wi-Fi, and then tap On/Off to turn on Wi-Fi.
3. Tap Wi-Fi Direct.
   • Your device scans for discoverable Wi-Fi Direct devices. To scan again, tap Scan.
4. Tap a device, and then follow the prompts to connect.

Share Data with Wi-Fi Direct

Share data with another device using Wi-Fi Direct.

1. From an app, tap Share or More options > Share.
2. Tap Wi-Fi Direct and follow the prompts.

Receive Data with Wi-Fi Direct

When another device attempts to send a file to your device using Wi-Fi Direct, you will see a request to accept the file.

1. Tap Accept.
2. To open the file, drag down the Notification panel and tap File received.

Disconnect from Wi-Fi Direct

Disconnect your device from a Wi-Fi Direct device.

1. From a Home screen, swipe up to access Apps.
2. Tap Settings > Connections > Wi-Fi > Wi-Fi Direct.
3. Tap a device to disconnect it.
Bluetooth

Bluetooth allows you to pair your device to another Bluetooth-enabled device. Once a pairing is created, the devices continue to recognize their partnership and exchange information without having to re-enter a passcode.

1. From a Home screen, swipe up to access Apps.
2. Tap Settings > Connections > Bluetooth, and then tap On/Off to turn on Bluetooth.
   - Your device scans for discoverable Bluetooth devices. To scan again, tap Scan.
3. Tap a device, and follow the prompts to connect.

Rename a Paired Device

Rename a paired device to make it easier to recognize.

1. From a Home screen, swipe up to access Apps.
2. Tap Settings > Connections > Bluetooth, and then tap On/Off to turn on Bluetooth.
3. Tap Settings next to the previously paired device, and then tap Rename.
4. Enter a new name, and tap Rename.

Share Data with Bluetooth

Use Bluetooth to transfer information to a paired device.

1. From an app, tap Share or More options > Share.
2. Tap Bluetooth and follow the prompts.
Receive Data from with Bluetooth
When another device attempts to send a file to your device using Bluetooth, you will see a request to accept the file.

1. Tap **Accept**.
2. To open the file, drag down the Notification panel and tap **File received**.

Unpair from a Bluetooth Device
When you unpair from a Bluetooth device, the two devices no longer recognize each other.

1. From a Home screen, swipe up to access **Apps**.
2. Tap **Settings > Connections > Bluetooth**, and then tap **On/Off** to turn on Bluetooth.
3. Tap **Settings** next to the paired device, and then tap **Unpair**.

Data Usage
View your current mobile and Wi-Fi data usage.

1. From a Home screen, swipe up to access **Apps**.
2. Tap **Settings > Connections > Data usage**.

Enable Data Saver
Prevent selected apps from sending or receiving data in the background.

1. From a Home screen, swipe up to access **Apps**.
2. Tap **Settings > Connections > Data usage > Data saver**.
3. Tap **On/Off** to turn on Data saver.
   - To allow some apps to have unrestricted data usage, tap **Allow app while Data saver on**, and then tap **On/Off** next to each app to specify restrictions.
Monitor Mobile Data

Enable mobile data to access the Internet through your mobile network.

1. From a Home screen, swipe up to access Apps.
2. Tap 🔄 Settings > Connections > Data usage.
3. Tap Mobile data to enable. The following options are available:
   - Alert me about data usage: Receive alerts when mobile data use reaches a warning amount you set.
   - Mobile data usage: Monitor mobile data usage by app.
   - Billing cycle and data warning: Set the day of the month to start the bill cycle for your device.

Monitor Wi-Fi Data

View your Wi-Fi data usage and set restrictions for Wi-Fi networks.

1. From a Home screen, swipe up to access Apps.
2. Tap 🔄 Settings > Connections > Data usage.
   The following options are available:
   - Wi-Fi data usage: View data usage over Wi-Fi connections.
   - Restrict networks: Select networks to prevent apps that are running in the background from using them.
Airplane Mode
Airplane mode disconnects your device from all networks and turns off connectivity features.

1. From a Home screen, swipe up to access Apps.
2. Tap ☰ Settings > Connections > Airplane mode.
3. Tap On/Off to enable this feature.

NFC and Payment
NFC (Near Field Communication) allows data exchange when you touch your device with another compatible device.

1. From a Home screen, swipe up to access Apps.
2. Tap ☰ Settings > Connections > NFC and payment.
3. Tap On/Off to enable this feature.

Android Beam
Share content to another NFC-capable device by touching the backs of the devices.

1. From a Home screen, swipe up to access Apps.
2. Tap ☰ Settings > Connections > NFC and payment, and then tap On/Off to enable NFC.
3. Tap Android Beam, and then tap On/Off to enable this feature.

Share Data with Android Beam
Use Android Beam to transfer information to another NFC-capable device.

1. From an app, tap ◀ Share or ☰ More options > Share.
2. Tap Android Beam and follow the prompts.
Tap and Pay

Use an NFC payment application to make payments by touching your device to a compatible credit card reader.

1. From a Home screen, swipe up to access Apps.

2. Tap Settings > Connections > NFC and payment, and then tap On/Off to enable NFC.

3. Tap Tap and pay, and tap an app to set it as the default payment method.
   • To specify when to use the default app, tap If open app supports Tap and pay.

Mobile Hotspot

Connect other devices to your Mobile hotspot to allow them to use your device's Internet connection.

1. From a Home screen, swipe up to access Apps.

2. Tap Settings > Mobile hotspot and tethering > Mobile hotspot.

3. Tap On/Off to turn on Mobile hotspot.

From the target device:
4. Activate Wi-Fi, and select your device’s Mobile hotspot.

5. Enter your device’s Mobile hotspot password to connect.
Change the Mobile Hotspot Password

You can change your Mobile hotspot password.

1. From a Home screen, swipe up to access **Apps**.
2. Tap **Settings > Mobile hotspot and tethering > Mobile hotspot**.
3. Tap the password and enter a new password.
4. Tap **Save**.

Allowed Devices List

Control which devices can connect to your Mobile hotspot.

1. From a Home screen, swipe up to access **Apps**.
2. Tap **Settings > Mobile hotspot and tethering > Mobile hotspot**.
3. Tap **More options > Allowed devices**, and then tap **Add** to enter the other device’s Device name and MAC address.
4. Tap **Add** to add the device.
   
   • To restrict connections to your Allowed devices list, tap **Allowed devices only**.
Configure Mobile Hotspot Settings

Manage your Mobile hotspot security and connecting settings.

1. From a Home screen, swipe up to access Apps.
2. Tap Settings > Mobile hotspot and tethering > Mobile hotspot.
3. Tap More options > Configure mobile hotspot for the following settings:
   - **Network name**: View and change the name of your Mobile hotspot.
   - **Hide my device**: Prevent your Mobile hotspot from being discoverable by other devices.
   - **Security**: Choose the security level for your Mobile hotspot.
   - **Password**: If you choose a security level that uses a password, you can view or change it.
   - **Show advanced options**: Configure additional Mobile hotspot settings, including channels and frequency.

Tethering

Use Bluetooth tethering to share your device’s Internet connection with a computer.

1. From a Home screen, swipe up to access Apps.
2. Tap Settings > Mobile hotspot and tethering.
3. Tap Bluetooth tethering to share your device’s Internet connection using Bluetooth.
Mobile Networks

Control your device’s access to networks and mobile data service.

1. From a Home screen, swipe up to access Apps.
2. Tap 🚀 Settings > Connections > Mobile networks for options:
   - **Roaming**: Change voice, text and data roaming settings, including international roaming.
   - **Network mode**: Change the network mode.
   - **Access Point Names**: Choose or add APNs.
   - **Network operators**: Search for and select available mobile networks.

Location

Some apps may require one or more location services be turned on for full functionality.

1. From a Home screen, swipe up to access Apps.
2. Tap 🚀 Settings > Connections > Location.
3. Tap On/Off to turn on Location services.
4. Tap Locating method to select how your location is determined:
   - **High accuracy**: Uses GPS, Wi-Fi, and mobile networks.
   - **Battery saving**: Uses Wi-Fi and mobile networks (no GPS).
   - **Phone only**: Uses GPS only.
5. Tap **Improve accuracy** to use other connections for determining your location:

- **Wi-Fi scanning**: Allow apps and services to scan for Wi-Fi networks automatically, even when Wi-Fi is turned off.

- **Bluetooth scanning**: Allow apps to scan for and connect to nearby devices automatically through Bluetooth, even when Bluetooth is turned off.

### Recent Location Requests

Apps that have requested your location are listed under Recent location requests.

1. From a Home screen, swipe up to access **Apps**.

2. Tap **Settings > Connections > Location**.

3. Tap **On/Off** to turn on Location services.

4. Tap an entry under **Recent location requests** to view the app’s settings.

### Location Services

Location services store and use your device’s most recent location data. Google apps can use this data to improve your search results based on places that you have visited.

1. From a Home screen, swipe up to access **Apps**.

2. Tap **Settings > Connections > Location**.

3. Tap an entry under **Location services** to use a location service.
Nearby Device Scanning

Your device can use Bluetooth Low Energy to scan for available devices within a 30-foot radius, even when Bluetooth is turned off.

1. From a Home screen, swipe up to access Apps.
2. Tap Settings > Connections > More connection settings > Nearby device scanning.
3. Tap On/Off to enable the feature.

Connect to a Printer

Connect your device to a printer on the same Wi-Fi network.

1. From a Home screen, swipe up to access Apps.
2. Tap Settings > Connections > More connection settings > Printing.
3. Tap Download plug-in, and follow the prompts to add a print service.
4. Tap the print service, and then tap More options > Add printer.
Virtual Private Networks

Set up and manage your Virtual Private Networks (VPNs). You must set a secured screen lock before setting up a VPN. For more information, see “Set a Secure Screen Lock” on page 134.

1. From a Home screen, swipe up to access Apps.
2. Tap Settings > Connections > More connection settings > VPN.
3. Tap Add VPN and follow the prompts to set up your VPN.

Manage a VPN

Use the VPN settings menu to edit or delete a VPN connection.

1. From a Home screen, swipe up to access Apps.
2. Tap Settings > Connections > More connection settings > VPN.
3. Tap Settings next to the VPN.
4. Edit the VPN and tap Save.
   – or –
   Tap Delete to delete the VPN.
Connect to a VPN

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

1. From a Home screen, swipe up to access Apps.

2. Tap Settings > Connections > More connection settings > VPN.

3. Tap the VPN, enter your log in information, and tap Connect.
   
   • To disconnect, tap the VPN, and then tap Disconnect.
Sounds and Vibration

Configure the sounds and vibrations used to indicate notifications, screen touches, and other interactions.
Sound Mode

Switch between sound modes, while preserving the individual sound settings you have made.

1. From a Home screen, swipe up to access Apps.
2. Tap 📱 Settings > Sounds and vibration > Sound mode, and then choose a mode:
   - **Sound**: Use the sounds, vibrations, and volume levels you have chosen in Sound settings for notifications and alerts.
   - **Vibrate**: Use vibration only for notifications and alerts.
   - **Mute**: Set your device to make no sounds.
     - **Temporary mute**: Set a time limit for muting the device.

Volume

Set the volume level for call ringtones, notifications, and other audio.

1. From a Home screen, swipe up to access Apps.
2. Tap 📱 Settings > Sounds and vibration > Volume, and drag the sliders.

**Note**: You can also use the Volume key to adjust the volume. Tap 🔽 More to customize all volume options.

Use Volume Keys for Media

Set the default of the Volume key to control the media volume.

1. From a Home screen, swipe up to access Apps.
2. Tap 📱 Settings > Sounds and vibration > Use volume keys for media to enable this feature.
Media Volume Limiter
Limit the maximum output of the device’s volume while using headphones or Bluetooth speakers (not included).

1. From a Home screen, swipe up to access Apps.
2. Tap Settings > Sounds and vibration > Volume.
3. Tap More options > Media volume limiter.
4. Tap On/Off to enable this feature.
   - To set the maximum output volume, drag the Custom volume limit slider.
   - To require a PIN to make changes to the volume setting, tap Set volume limit PIN.

Vibration
Configure your device’s vibrations.

1. From a Home screen, swipe up to access Apps.
2. Tap Settings > Sounds and vibration.
3. Tap options to customize:
   - Vibrate while ringing: Set your device to vibrate in addition to ringing when you receive a call.
   - Vibration pattern: Choose from preset vibration patterns or create your own pattern.

Easy Mute
Mute sounds and video by covering the screen or turning over the device.

1. From a Home screen, swipe up to access Apps.
2. Tap Settings > Advanced features > Easy mute, and tap On/Off to enable this feature.
Ringtone
Choose from preset ringtones or add your own.
1. From a Home screen, swipe up to access Apps.
2. Tap 📱 Settings > Sounds and vibration > Ringtone.
3. Tap a ringtone to hear a preview and select it.
   – or –
   Tap + Add from phone to use an audio file as a ringtone.

Notification Sounds
Customize notification sounds for certain apps or choose a default for all notifications.
1. From a Home screen, swipe up to access Apps.
2. Tap 📱 Settings > Sounds and vibration > Notification sounds and tap an option to customize notifications.

Do Not Disturb
Set your device to mute all or some notifications and sounds during specific time periods.
1. From a Home screen, swipe up to access Apps.
2. Tap 📱 Settings > Sounds and vibration > Do not disturb and configure the following:
   • Turn on now: Enable this option.
   • Turn on as scheduled: Configure Days, Start time, and End time to set up a do not disturb schedule.
   • Allow exceptions: Customize which notifications are allowed while your device is in Do not disturb mode.
   • App rules: Manage rules set by apps.
   • Hide visual notifications: Select options for preventing visual notifications for apps silenced by Do not disturb.
System Sounds
Set various other system sound options.

1. From a Home screen, swipe up to access Apps.
2. Tap 🎯 Settings > Sounds and vibration, and tap to enable each option:
   - **Touch sounds**: Play a sound when you touch or tap the screen to make selections.
   - **Screen lock sounds**: Play a sound when you unlock the screen.
   - **Emergency tone**: Set the emergency tone to alert, vibrate, or silent.
   - **Charging sound**: Play a sound when a charger is connected.

Key-Tap Feedback
Play tones when the dialing keypad or the keyboard is tapped.

1. From a Home screen, swipe up to access Apps.
2. Tap 🎯 Settings > Sounds and vibration, and then tap to enable each option:
   - **Dialing keypad tones**: Play a tone when the dialing keypad is tapped.
   - **Keyboard sound**: Play a sound when the Samsung keyboard is tapped.
Sound Quality and Effects

Choose from advanced sound options to customize your audio experience.

1. From a Home screen, swipe up to access Apps.

2. Tap 📱 Settings > Sounds and vibration > Sound quality and effects.

- **Equalizer**: Choose an audio preset that is customized to different genres of music.

- **Advanced / Basic**: Manually adjust various sound qualities.

- **Surround**: Re-create the effects of rich surround sound.

- **Tube Amp Pro**: Simulate the soft timbre of a tube amplifier.

- **Concert hall**: Simulate the reverb of a concert hall.

- **Adapt sound**: Follow the prompts to find the best sound for you and use it for music and video.
Notifications

Customize or block app alerts.
Manage Notifications
Allow or block notifications from apps and services.

1. From a Home screen, swipe up to access Apps.
2. Tap 🛠 Settings > Notifications.
   • To enable notifications, tap All apps, or tap On/Off next to an app.
   • To configure additional notification settings, tap Advanced.
   • To customize individual notification settings, tap an app or service.

Smart Alert
Set the device to vibrate when you pick it up to notify you about missed calls and messages.

1. From a Home screen, swipe up to access Apps.
2. Tap 🛠 Settings > Advanced features > Smart alert, and tap On/Off to enable.
Display

Configure your display’s brightness, screen timeout delay, and other settings.
Screen Off Settings
Customize when the screen turns off.
1. From a Home screen, swipe up to access Apps.
2. Tap Settings > Display.
3. Tap an option to customize:
   - **Screen timeout**: Turn the screen off after a set amount of time.
   - **Screen saver**: Display colors or images after the screen has turned off or while charging.

Screen Brightness
Adjust the screen brightness to suit your surroundings or personal preference. You may also want to adjust screen brightness to conserve battery power.
1. From a Home screen, swipe up to access Apps.
2. Tap Settings > Display.
3. Drag the **Brightness** slider to set a custom brightness level.

Outdoor Mode
Adjust the screen brightness for easier viewing when outdoors.
1. From a Home screen, swipe up to access Apps.
2. Tap Settings > Display.
3. Tap **On/Off** next to **Outdoor mode** to turn on the feature. The screen brightness increases for 15 minutes for easier viewing when outdoors.
Screen Zoom and Font

Set the screen zoom level and the font size and style.

1. From a Home screen, swipe up to access Apps.

2. Tap 🔄 Settings > Display > Screen zoom and font for the following options:
   - Drag the Screen zoom slider to adjust the zoom level.
   - Drag the Font size slider to adjust the size of text.
   - Tap a font to select it, or tap ➕ Download fonts to find new fonts from Galaxy Apps.

3. Tap Apply to set the screen zoom and font.

One-Handed Mode

Change the screen layout to accommodate operating your device with one hand.

1. From a Home screen, swipe up to access Apps.

2. Tap 🔄 Settings > Advanced features > One‑handed mode.

3. Tap On/Off to enable the following:
   - Gesture: Swipe up diagonally from a bottom corner of the screen to reduce the display size.
   - Button: Press the Home key three times in quick succession to reduce the display size.
   - Show keys on screen: Show Home, Back, and Recent apps keys on the screen.
Device Maintenance

View the status of your device’s battery, storage, and memory. You can also automatically optimize your device’s system resources.
Quick Optimization

Improve device performance by optimizing battery and memory usage.

1. From a Home screen, swipe up to access Apps.
2. Tap Settings > Device maintenance.
3. Tap Optimize now.

Battery

View how battery power is used for device activities.

1. From a Home screen, swipe up to access Apps.
2. Tap Settings > Device maintenance > Battery for options:
   
   - **Battery usage**: View battery usage by item since the last full charge.
   
   - **Power saving mode**: Choose a mode for extending battery life. The estimated remaining times are based on your usage patterns.

   - **App power monitor**: Put background apps to sleep to extend battery life.

   - **Unmonitored apps**: Select apps to exclude from being put to sleep by the App power monitor.

   - **Always sleeping apps**: Prevent apps from running in the background. Selected apps may not receive updates or send notifications.

   - **More options > Advanced settings**: Configure advanced battery settings and notifications.
Storage

View the device memory and usage. Mount, unmount, or format an optional memory card (not included).

Device Memory

View and manage the memory used by the device.

1. From a Home screen, swipe up to access Apps.
2. Tap Settings > Device maintenance > Storage.

To increase available memory:

1. From a Home screen, swipe up to access Apps.
2. Tap Settings > Device maintenance > Storage.
3. Tap Clean now and follow the prompts.

Memory Card

Once an optional memory card (not included) has been installed in your device, the card memory is displayed in the Storage setting.

For more information, see “Install a Memory Card” on page 9.

1. From a Home screen, swipe up to access Apps.
2. Tap Settings > Device maintenance > Storage.
4. Under **Portable storage**, tap your SD card, and then tap an option:

- **Format**: Prepare your memory card for storage. Formatting removes all data on the memory card, so back up any data you want to keep.

- **Mount**: When you install an optional memory card, it is automatically mounted (connected to the device) and prepared for use. However, should you unmount the card without removing it from the device, you need to mount it before it can be accessed.

- **Unmount**: Disconnect the memory card from the device to avoid corrupting any data when removing it.

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**Memory**

Check memory usage and stop background apps to improve system performance.

1. From a Home screen, swipe up to access **Apps**.

2. Tap **Settings > Device maintenance > Memory** to view the used and available memory.

3. Tap **Clean now** and follow the prompts to free up as much memory as possible.
Language and Input

Configure your device’s language and input settings.

Device Languages

Add languages to your device and organize them according to preference. If an app does not support your default language, it uses the next supported language in your list.

1. From a Home screen, swipe up to access Apps.
2. Tap Settings > General management > Language and input > Language.
3. Tap Add language, and select a language from the list.
4. Touch and hold Move next to a language, and drag it to the top of the list to set it as the device language.
5. Tap Done.

Default Keyboard

Select a default keyboard for your device’s menus and keyboards. Additional keyboards can be downloaded from the Google Play store.

1. From a Home screen, swipe up to access Apps.
2. Tap Settings > General management > Language and input.
3. Tap Default keyboard, and select a keyboard.

Manage On-Screen Keyboards

Choose which on-screen keyboards to make available while typing.

1. From a Home screen, swipe up to access Apps.
2. Tap Settings > General management > Language and input.
3. Tap On-screen keyboard > Manage keyboards.
4. Tap a keyboard to add or remove it.
Physical Keyboards
Customize options when you have a physical keyboard connected to your device (not included).

1. From a Home screen, swipe up to access **Apps**.
2. Tap **Settings > General management > Language and input**.
3. Tap **Physical keyboard**, and then choose an option:
   - **Show on-screen keyboard**: Show the on-screen keyboard while a physical keyboard is being used.
   - **Keyboard shortcuts**: View a legend of system and in-app shortcuts.

Text-to-Speech Options
Configure the voice used by Text-to-Speech (TTS) and accessibility services.

1. From a Home screen, swipe up to access **Apps**.
2. Tap **Settings > General management > Language and input > Text-to-speech** for options:
   - **Preferred TTS engine**: Choose either the Samsung or Google Text-to-speech engine. Tap **Settings** next to each TTS engine for options.
   - **Speech rate**: Speed up or slow down the rate of speech.
   - **Pitch**: Raise or lower the tone of speech.
   - **Reset speech rate**: Restore the default rate of speech.
   - **Reset pitch**: Restore the default pitch.
• **Listen to an example**: Play a short demonstration of speech synthesis.

• **Default language status**: View whether the default language is supported by the preferred TTS engine.

## Pointer Speed

Set the pointer speed for a connected mouse or trackpad (not included).

1. From a Home screen, swipe up to access **Apps**.
2. Tap **Settings** > **General management** > **Language and input**.
3. Drag the **Pointer speed** slider to the right to go faster or to the left to go slower.

## Date and Time

Date and time are automatically updated if you have a network connection, or they can be set manually.

1. From a Home screen, swipe up to access **Apps**.
2. Tap **Settings** > **General management** > **Date and time**. The following options are available:
   
   • **Automatic date and time**: Receive date and time updates from the wireless network. When Automatic date and time is disabled, the following options are available:
     
     - **Set date**: Enter the current date.
     - **Set time**: Enter the current time.
     - **Select time zone**: Choose your local time zone.
   
   • **Use 24-hour format**: Set the format for displaying time.
Report Diagnostic Information

Send troubleshooting information about your device to Samsung when experiencing technical problems.

1. From a Home screen, swipe up to access Apps.
3. Read and accept the consent information to enable this feature.

Reset

Reset settings that may be causing performance issues.

Reset Settings

Return custom settings to their defaults. Security, language, and account settings are excluded. Personal data and downloaded apps are not affected.

1. From a Home screen, swipe up to access Apps.
2. Tap Settings > General management > Reset > Reset settings.
3. Tap Reset settings, and confirm when prompted.
Reset Network Settings
Reset Wi-Fi, Bluetooth, and other connection settings to their defaults.
1. From a Home screen, swipe up to access Apps.
2. Tap Settings > General management > Reset > Reset network settings.
3. Tap Reset settings, and confirm when prompted.

Factory Data Reset
Erase all data permanently and restore your device to factory settings. Before resetting your device, back up files you want to keep. Data stored on a memory card is not deleted.
1. From a Home screen, swipe up to access Apps.
2. Tap Settings > General management > Reset > Factory data reset.
3. Tap Reset and follow the prompts to perform the reset.
4. When the device restarts, follow the prompts to set up your device.
Factory Reset Protection

When you sign in to a Google Account on your device, Factory Reset Protection (FRP) is activated. This prevents unauthorized access if your device is lost or stolen. Once reset, your device will require your Google Account and password.

Caution: Before shipping your device back to Samsung or taking it to your nearest Samsung-authorized service center, you should remove your Google Account before resetting the device back to factory settings. For more information, visit samsung.com/us/support/frp.

System Updates

Check for system updates to install.

1. From a Home screen, swipe up to access Apps.
2. Tap Settings > System updates for the following options:
   • Download updates manually: Install available software updates.
   • Download updates automatically: Download software updates automatically when connected to a Wi-Fi network.
Lock Screen and Security

Secure your device and protect your data with Lock Screen and Security settings.
Set a Secure Screen Lock

Set a password or gesture to unlock the device or change security settings.

1. From a Home screen, swipe up to access Apps.

2. Tap 📱 Settings > Lock screen and security > Screen lock type and tap a screen lock (Pattern, PIN, or Password).

3. Tap On/Off to enable showing notifications on the lock screen. The following options are available:
   - **Hide content**: Do not display notification content on the Lock screen.
   - **Notification icons only**: Hide notification details and show only the icon.

4. Tap Done when finished.

5. Configure the following options:
   - **Smart Lock**: Unlock your device automatically when trusted locations or other devices have been detected.
   - **Secure lock settings**: Customize the security level and advanced options of the secure screen lock.
Lock Screen Settings

Configure display settings for the Lock screen.

1. From a Home screen, swipe up to access Apps.
2. Tap Settings > Lock screen and security to select what to show on the Lock screen:
   - Information and FaceWidgets: Set a roaming clock, FaceWidgets, or contact information to display on the Lock screen.
   - Notifications: Select which apps show notifications. Content and notification details can be hidden on the Lock screen.
   - App shortcuts: Select apps to open from the Lock screen.

Unknown Sources

Allow the installation of apps from sources other than Play Store or Galaxy Apps.

1. From a Home screen, swipe up to access Apps.
2. Tap Settings > Lock screen and security > Unknown sources to enable this option.

Encrypt Device

Protect your device by encrypting its data.

1. From a Home screen, swipe up to access Apps.
2. Tap Settings > Lock screen and security > Encrypt device.
3. Tap Encrypt device and follow the prompts to encrypt all data on your device.
Encrypt SD Card

Protect data stored on a memory card by encryption.

1. From a Home screen, swipe up to access Apps.
2. Tap ☰️ Settings > Lock screen and security > Encrypt SD card.
3. Tap Encrypt SD card and follow the prompts to encrypt all data on your memory card.

View Passwords

Display password characters briefly as you type them.

1. From a Home screen, swipe up to access Apps.
2. Tap ☰️ Settings > Lock screen and security > Other security settings > Make passwords visible to turn the feature on.

Security Update Service

Automatically receive security updates.

1. From a Home screen, swipe up to access Apps.
2. Tap ☰️ Settings > Lock screen and security > Other security settings for the following Security update service options:
   - Security policy updates: Update the security policy manually or automatically over Wi-Fi or a mobile network.
   - Send security reports: Send encrypted security reports to Samsung over Wi-Fi for threat analysis.
Device Administration

Activate device administration for apps and features that can erase all data, change system settings, set passwords, and more.

1. From a Home screen, swipe up to access Apps.
2. Tap Settings > Lock screen and security > Other security settings > Device administrators.
3. Tap an option to enable it as a device administrator.

Credential Storage

Manage security certificates from the web. Disable or remove a certificate authority (CA) certificate if it is compromised or cannot be trusted.

1. From a Home screen, swipe up to access Apps.
2. Tap Settings > Lock screen and security > Other security settings for the following options:
   - **Storage type**: Select a storage location for credential contents.
   - **View security certificates**: Display CA certificates trusted by the system and those installed by the user.
   - **User certificates**: View user certificates.
   - **Install from device storage**: Install a new certificate from storage.
   - **Clear credentials**: Remove all certificates.
Knox Active Protection
Protect your device from cyber attacks.

1. From a Home screen, swipe up to access Apps.
2. Tap Settings > Lock screen and security > Other security settings > Knox active protection.

Advanced Security Settings
Use these options to configure advanced security settings.

1. From a Home screen, swipe up to access Apps.
2. Tap Settings > Lock screen and security > Other security settings for the following advanced options:

- **Trust agents**: Activate trust agency for specified services that may bypass the lock screen for improved usability.
  - To view Trust agents, set up a secured screen lock. For more information, see “Set a Secure Screen Lock” on page 134.

- **Pin windows**: Fix an app to the screen such that navigation is not possible. Notifications, calling, and messaging may not be available until the app is unpinned.

- **Usage data access**: Allow specified apps to monitor which apps are used and how often. These apps can identify the service provider, language settings, and other usage data.

- **Notification access**: View the applications that can access notifications you receive on your device.

- **Do not disturb permission**: View which apps have permission to change the Do not disturb settings.
Accounts

Set up and manage accounts, including your Google Account, Samsung account, email, and social networking accounts.
Samsung Cloud

Keep your data safe by backing up and restoring your device. You can also sync your data from multiple devices.

1. From a Home screen, swipe up to access Apps.

2. Tap Settings > Cloud and accounts > Samsung Cloud.
   - If a Samsung account has not been added, follow the prompts to add one.

3. Once a Samsung account is configured, the following options are available:
   - Manage cloud storage: View how much cloud storage your data is using.
   - Backup settings: Configure backup for supported apps using your Samsung Cloud account.
   - Restore: Download any stored backup information to your device.
   - Data to sync: Tap the following items to enable or disable syncing:
     - Contacts (Samsung account): Sync contact info.
     - Calendar (Samsung account): Sync your events and tasks.
     - Memo: Sync your voice memos, images, and tasks.
     - Samsung Internet: Sync bookmarks, saved pages, and opened tabs from your browser.
     - Keyboard data: Sync predictive text data.
     - Gallery: Sync your images and videos.
• More options:
  - **Sync now**: Sync all selected settings for your Samsung account.
  - **Sync information**: Read more information on what can be synced with your Samsung Cloud account.
  - **Settings**: Configure Sync, notifications, or remove your Samsung account.
  - **FAQ**: Launch the Samsung help web site to view additional information based on frequently asked questions.
  - **Contact us**: Contact Samsung.

### My Profile
Manage your personal information and Samsung account details.

1. From a Home screen, swipe up to access **Apps**.
2. Tap **Settings > Cloud and accounts > My Profile**.
   - If a Samsung account has not been added, follow the prompts to add one.

### Add an Account
Add and manage all of your email, social networking, and picture and video sharing accounts.

1. From a Home screen, swipe up to access **Apps**.
2. Tap **Settings > Cloud and accounts > Accounts > Add account**.
3. Tap one of the account types.
4. Follow the prompts to enter your credentials and set up the account.
Synchronize Accounts
You can synchronize your calendar, contacts, and other types of accounts.

1. From a Home screen, swipe up to access Apps.
2. Tap Settings > Cloud and accounts > Accounts > [Account type].
3. Tap an account to view the sync settings for that account.
4. Tap individual data items to sync.
5. Tap More options > Sync now to synchronize the account.

Account Settings
Each account has its own set of settings. In addition, you can configure common settings for all accounts of the same type.

Account settings and available features vary between account types and service providers. Contact your service provider for more information on your account’s settings.

1. From a Home screen, swipe up to access Apps.
2. Tap Settings > Cloud and accounts > Accounts > [Account type].
3. Tap an account to configure that account’s sync settings.
4. Tap other available options for the account type.
Remove an Account
You can remove accounts from your device.

1. From a Home screen, swipe up to access Apps.
2. Tap Settings > Cloud and accounts > Accounts > [Account type].
3. Tap the account and then tap More options > Remove account.

Backup and Restore
Back up your data to your Samsung or Google Accounts.

Samsung Account
Enable backup of your information to your Samsung account.

1. From a Home screen, swipe up to access Apps.
2. Tap Settings > Cloud and accounts > Backup and restore for options:
   • Backup settings: Configure your Samsung account to back up your data.
   • Restore: Use your Samsung account to restore your backup data.
Google Account

Enable backup of your information to your Google Account.

1. From a Home screen, swipe up to access Apps.

2. Tap Settings > Cloud and accounts > Backup and restore for options:

   - **Back up my data**: Enable back up of application data, Wi-Fi passwords, and other settings to Google servers.

   - **Backup account**: Select a Google Account to be used as your backup account.

   - **Automatic restore**: Enable automatic restoration of settings from Google servers. When enabled, backed-up settings are restored when you reinstall an application.

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Google Settings

Configure your device’s Google settings. Available options depend on your Google Account.

1. From a Home screen, swipe up to access Apps.

2. Tap Settings > Google, and select an option to customize.
Accessibility

Accessibility services are special features that make using the device easier for those with certain physical disabilities.

For more information about Accessibility for Samsung products, please contact us at accessibility@sea.samsung.com.
Vision

Enable voice-assisted tools, magnification, and adjustment of text and the device interface to suit your visibility needs.

1. From a Home screen, swipe up to access Apps.

2. Tap 🌔 Settings › Accessibility › Vision, and tap an option:

   - **Voice Assistant**: Enable voice feedback. Tap any item to describe it aloud, double tap it to perform the related action, and scroll with two fingers. Extended features include:
     - **Voice Assistant help**: Learn how to interact with Voice Assistant with step by step tutorials.
     - **Rapid key input**: Require only a single tap on the Samsung keyboard to enter text faster.
     - **Speak passwords**: Read the characters of your passwords out loud as you enter them.

   - **Accessibility shortcut**: Quickly enable accessibility features in two quick steps.

   - **Voice Label**: Write voice recordings to NFC tags to provide information about nearby objects.

   - **Screen zoom and font**: Configure the screen zoom level and font size and style.

   - **High contrast fonts**: Adjust the color and outline of fonts to increase the contrast with the background.

   - **High contrast keyboard**: Adjust the size of the Samsung keyboard and change its colors to increase the contrast between the keys and the background.

   - **Show button shapes**: Show buttons with shaded backgrounds to make them stand out.

   - **Magnifier window**: Magnify content shown on the screen.
• **Magnification gestures**: Triple tap to magnify content on the screen. Pinch, spread, or drag with multiple fingers to control the zoom.

• **Large mouse/touchpad pointer**: Enable a large pointer for a connected mouse or touchpad (not included).

• **Color inversion**: Reverse white and black colors for text and backgrounds.

• **Color correction**: Adjust colors of the screen to compensate for color blindness.

### Hearing

Enable visual alerts, subtitles, and other auditory aids for hearing impairment.

1. From a Home screen, swipe up to access **Apps**.

2. Tap **Settings > Accessibility > Hearing**, and tap an option:
   - **Flash notification**: Flash the camera light and screen for notifications and alarms.
   - **Mute all sounds**: Disable all sounds, including phone calls, in any sound mode.
   - **Hearing aids**: Improve the sound quality for use with hearing aids.
   - **Samsung subtitles (CC)**: Enable Samsung subtitles with multimedia files when available.
   - **Google subtitles (CC)**: Enable Google subtitles with multimedia files when available.
   - **Left/right sound balance**: Set the left and right balance when using a stereo device.
   - **Mono audio**: Switch audio from stereo to mono for use with one earphone (not included).
Dexterity and Interaction

Enable features to change the way you perform tasks with or without hands.

1. From a Home screen, swipe up to access Apps.
2. Tap 📱 Settings > Accessibility > Dexterity and interaction, and tap an option:
   - **Assistant menu**: Operate the device with one hand using a floating menu that can be customized.
   - **Press and hold delay**: Set the amount of delay for touch and hold navigation.
   - **Click after pointer stops**: If using a mouse (not included), set your device to automatically click when the cursor stops moving.
   - **Interaction control**: Block areas of the screen from touch interaction to prevent accidental taps. Screen rotation and hard keys are disabled while access to calls, notifications, and the notification panel is limited.

More Accessibility Settings

Customize additional accessibility features for your device.

1. From a Home screen, swipe up to access Apps.
2. Tap 📱 Settings > Accessibility, and tap an option:
   - **Text-to-speech**: Set your preferred TTS engine and options. For more information, see “Text-to-Speech Options” on page 128.
   - **Direction lock**: Set a secure screen lock by swiping in a series of directions.
• **Direct access**: Open your accessibility settings by pressing the **Volume up** key and the **Power** key together. A shortcut menu opens when you have added certain accessibility settings.

• **Notification reminder**: Play a sound or vibrate the device at set intervals when there are unread notifications.

• **Answering and ending calls**: Use device keys to answer and end calls. Automatic answering is available with a headset or paired Bluetooth device (not included).

• **Single tap mode**: Use a single tap instead of a swipe to respond to alarms, alerts, and incoming calls.

### Accessibility Services

Additional accessibility apps may be downloaded from the Google Play store.

1. From a Home screen, swipe up to access **Apps**.
2. Tap **Settings > Accessibility**.
3. Tap an accessibility service.
Other Settings

Configure features on your device that make it easier to use.
About Phone

View information about your device, including current status, legal information, hardware and software versions, and more.

1. From a Home screen, swipe up to access Apps.

2. Tap 📲 Settings > About phone, and then tap items for more details:

   - **Device name**: View and change your device’s name.
   - **Additional device information** includes the Model number, Android version, Build number, and more.

   - **My phone number**: View your phone number.
   - **Software version**: View the software version.
   - **Hardware version**: View the hardware version.
   - **Status**: View the status of the battery, network, and other information about your device.
     - **IMEI information**: View your device’s IMEI and IMEI software version numbers.
   - **Legal information**: View legal notices and licenses.
Getting Help

Additional resources for your device.
Videos
samsung.com/spsn

Simulators
samsungsimulator.com

Tips
samsung.com/us/support/tips/galaxy

Samsung Care
samsung.com/us/support
View legal information for your device.
Legal Information

READ THIS INFORMATION BEFORE USING YOUR MOBILE DEVICE.

Arbitration Agreement - This Product is subject to a binding arbitration agreement between you and SAMSUNG ELECTRONICS AMERICA, INC. (“Samsung”). You can opt out of the agreement within 30 calendar days of the first consumer purchase by emailing optout@sea.samsung.com or calling 1-800-SAMSUNG (726-7864) and providing the applicable information. For complete terms and conditions that bind you and Samsung, refer to the “Arbitration Agreement” section of the Terms & Conditions, included with the Product.

Find Legal Information Online

The full Arbitration Agreement, Standard Limited Warranty, End User License Agreement (EULA), and Health & Safety Information for your device are available online:

Arbitration Agreement, Standard Limited Warranty, and Health & Safety Information:

Phone:
- English: samsung.com/us/Legal/Phone-HSGuide
- Spanish: samsung.com/us/Legal/Phone-HSGuide-SP

Tablet:
- English: samsung.com/us/Legal/Tablet-HSGuide
- Spanish: samsung.com/us/Legal/Tablet-HSGuide-SP

End User License Agreement:
- English: samsung.com/us/Legal/SamsungLegal-EULA4
- Spanish: samsung.com/us/Legal/SamsungLegal-EULA4/#SPANISH
Find Legal Information on the Mobile Device

The full Arbitration Agreement, Standard Limited Warranty, End User License Agreement (EULA) and Health & Safety Information are also available on the device, in the Samsung legal section of Settings. The location depends on the device, and is usually in the “About device” or “About phone” section, for example:

- Settings > About phone or About device or About tablet > Legal information > Samsung legal
- Or, use the Search feature to search for “Legal”.

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