AT&T Fusion® 5G
User Guide

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Contents

Getting started 10

Introduction. 11

About the user guide 11

Set up your phone 12

Parts and functions 12

Battery use 15

Install a SIM/SD Card 17

Turn your phone on and off 19

Use the touch screen 20

Complete the setup screens 21

Basic operations 22

Home screen and Apps list 23

Phone settings menu 25

Portrait and landscape screen orientation 26

Capture screenshots 27

Applications 27

Phone number 35

Airplane mode 36

Enter text 37

Google account 41

Lock and unlock your screen 44

Home screen basics 45

Status bar and Notification panel. 48

Customize the Home screen 53

Making connections 58
Phone 59
Make a call 59
Call settings 69
Contacts 71
Add a contact 71
Edit a contact 77
Delete a contact 78
Share a contact 79
Messaging 80
Text and multimedia messages 80
Gmail 85
Internet and social networking 89
Chrome browser 89
Facebook 90
Connectivity 91
Transfer files between your phone and a computer 91
Wi-Fi 94
Bluetooth 95
Apps and entertainment 101
Camera and video 102
Camera overview 102
Take photos and record videos 105
Camera settings 107
View pictures and video using Gallery 109
Edit photos 111
Share pictures and videos 113
Productivity 114

Calendar 114
Navigation apps 118
Google Search 121
Calculator 123
Clock 125
Entertainment and activities 132
YouTube 132
Settings 134
Basic settings 135
Network & internet 137
Wi-Fi 137
Wi-Fi Calling 140
Mobile network 141
Airplane mode 141
Hotspot & tethering 142
Data saver 143
VPN (Virtual Private Networks) 143
Private DNS 144
Connected devices 144
USB 144
Pair new device 146
Connection preferences 146
Bluetooth 146
NFC 148
Cast 148
Printing 149
Files received via Bluetooth 149
Chromebook 149

Nearby Share 150
Android Auto 150
Apps & notifications 151
Recently opened apps 151
Conversations 152
Notifications 152
Screen time 153
Default apps 153
Permission manager 153
Wireless Emergency Alerts 153
Special app access 154
Battery 154
Battery consumption notification 155
Battery Saver 155
Battery Manager 156
Battery percentage 157
Last full charge 157
Screen usage since full charge 157
Display 158
Brightness level 158
Dark theme 159
Night Light 159
Adaptive brightness 159
Wallpaper 159
Screen timeout 159
Auto-rotate screen 159
Font size 159
Display size 160

Screen saver 160
Lock screen 160
Lift to wake 160
Sound 161
Media volume 161
Call volume 161
Ring volume & notification volume 162
Alarm volume 162
Vibrate for calls 162
Do Not Disturb 162
Media 162
Shortcut to prevent ringing 162
Phone ringtone 162
Default notification sound 162
Default alarm sound 163
Other sounds and vibrations 163
Storage 163
Privacy 164
Permission manager 165
Show passwords 165
Notifications on lock screen 165
Autofill service from Google 165
Google location history 166
Activity controls 166
Ads 166
Usage & diagnostics 166
Location 167
Recent location requests 168

App permission 168
Wi-Fi and Bluetooth scanning 168
Emergency Location Service 168
Google Location Accuracy 168
Google Location History 168
Google Location Sharing 168
Security 169
Google Play Protect 170
Security update 170
Find My Device 170
Google Play system update 171
Screen lock 171
Fingerprint 172
Smart lock 174
Device admin apps 174
SIM card lock 174
Encryption & credentials 175
Trust agents 175
App pinning 175
Accounts 176
Add account 176
Automatically sync data 176
Accessibility 177
Downloaded services 177
Real-Time text call 177
Text-to-speech output 178
Display 178
Interaction controls 179

Audio & on-screen text . . . 179
Experimental . . . 180
Shortcut from lock screen . . . 180
Digital Wellbeing & parental controls . . . 181
Your Digital Wellbeing tools . . . 181
Ways to disconnect . . . 181
Reduce interruptions . . . 181
Show icon in the app list . . . 181
Parental controls . . . 181
Google . . . 182
Software updates . . . 183
System . . . 183
Languages & input . . . 183
Gestures . . . 185
Date & time . . . 186
Backup . . . 187
Reset options . . . 187
Multiple users . . . 188
About phone . . . 190
Getting help . . . 192
For assistance . . . 193
Troubleshooting . . . 193
Specifications . . . 196
Licenses . . . 197
Copyright information . . . 197
Safety and use . . . 198
Important health information and safety precautions . . . 199
Electrical safety . . . 199

Safety precautions for proper grounding installation 199
Safety precautions for power supply unit 200
Take extra precautions 201
Electrical safety 205
General precautions 206
Protect your phone 207
FCC Regulations 211
RF Exposure Information (SAR) 212
Hearing Aid Compatibility 213
Warranty 214

Getting started

The topics in this section will introduce you to your phone, help you get set up with service, provide an overview of the phone screen, and get you started with basic phone operations.

Introduction

The following topics describe the basics of using this guide and your new phone.

About the user guide

Thank you for purchasing your new EA211005 Smartphone. The following topics explain how best to use this guide to get the most out of your phone.

Before using your phone

Read the Safety Information Guide that came with your device thoroughly for proper usage. Accessible services may be limited by subscription contract conditions.

Descriptions in the user guide

Note that most descriptions in this guide are based on your phone's setup at the time of purchase. Unless otherwise noted, instructions begin from the phone's Home screen, which is displayed by pressing the **Home** button . Some operation descriptions may be simplified.

Screenshots and key labels

Screenshots and other illustrations in this user guide may appear differently on your phone. Key labels are simplified for description purposes and differ from your phone's display.

Other notations

In the user guide, the phone may be referred to either as "phone," "device," or "handset." A microSD™ or microSDHC™ card is referred to as an "SD card" or a "memory card."

Set up your phone

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

Parts and functions

These topics illustrate your phone's primary parts and key functions.

Note: Your phone's screens and app layouts are subject to change. This user guide uses sample images only.

Part	Description
Eject SIM tray	Insert the SIM Card Tray Pin into the card tray slot and remove the SIM card tray.
Fingerprint sensor	Unlock your phone with a touch of your finger.
Flash	• Brighten photos taken indoors or at night. • Use as a flashlight to see in dark areas.
Front camera	Take pictures and record videos while facing the screen.
Headset port	Plug in a headset (sold separately) to listen to music or for convenient, hands-free conversations.
Microphone	Transmit your voice electronically for a call, voice recording, or Google Assistant™.
Power key	• Press to turn the screen on or off. • Press and hold to turn the phone on or off. • Press along with the **Volume down** key to take a screenshot.
Proximity and light sensor	A sensor will automatically dim or brighten the screen according to the environment.
Rear camera	Take pictures and record videos with a 48MP lens.

Part	Description
Receiver	Hear the caller and automated prompts.
SIM tray	Insert your Nano SIM card and microSD for service and additional storage.
Speaker	Listen to calls, automated prompts, and music.
Touch screen	• View information needed to operate your phone. • Access your phone's features and applications.
USB charging & accessory port	Connect the USB cable (included) for charging, or connect other accessories.
Volume keys	Adjust the volume for ringtones, media, notifications, and system sounds.

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

Battery use

The following topics explain how to care for your phone's non-removable battery.

Battery cautions

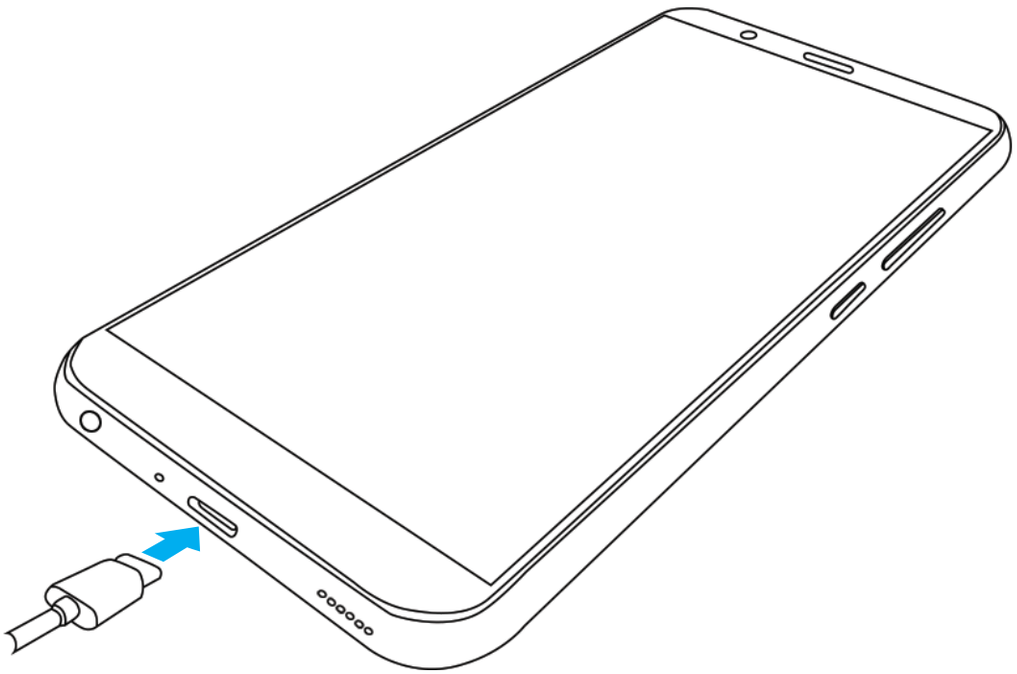
Storage: Avoid storing or leaving the phone with no charge remaining. Saved information and settings may become lost or changed, or the battery may become unusable. Charge once every six months if storing or leaving unused for a long period of time.

Charge the battery

Follow these instructions to charge your phone's battery using either the included AC adapter or via USB connection on your computer.

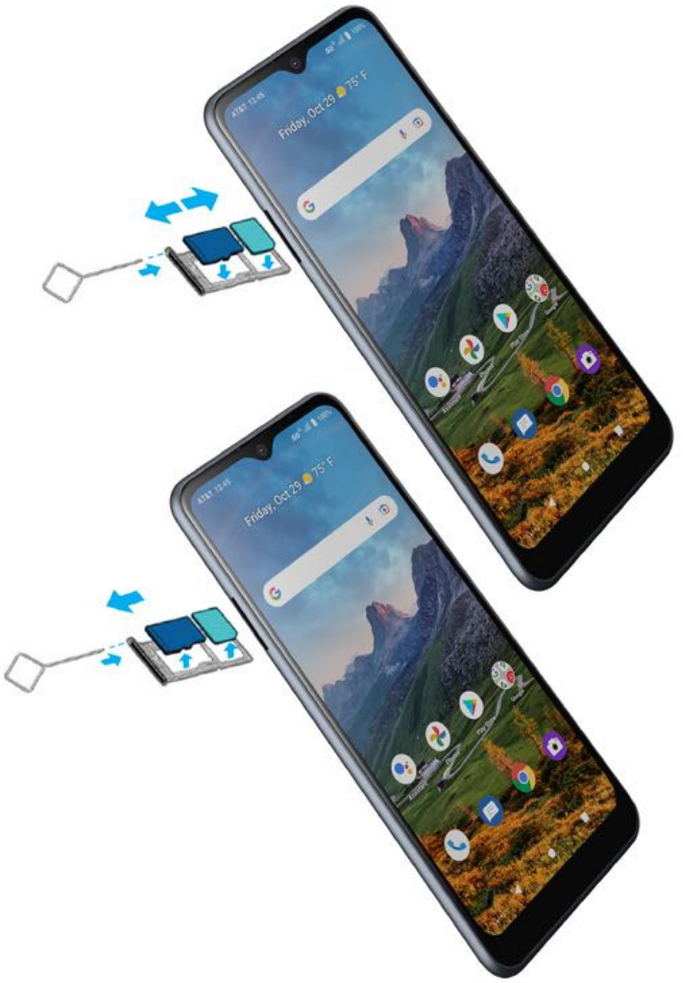
Charge using the AC adapter

1. Connect one end of the data cable to the USB port located on the bottom of your phone.



2. Connect the other end to the power adapter.
3. Connect the power adapter to an electrical outlet to fully charge your phone.
   - Use the power adapter that comes with your phone; using other adapters may damage your phone.
   - Charging your phone with a USB cable connected to a laptop will take longer than with the power adapter.
   - The phone will power off automatically when the battery is too low. Charge the battery if this happens. When the battery is critically low, the phone may need a few minutes to build a charge before turning back on. Playing games or performing other activities while charging may drain the battery and cause it to power off.
   - The battery will gradually discharge if it is left unused for a long period of time. Before using the battery again, you must recharge it in order to power on and use your phone normally.

Install a SIM/SD Card



Insert a Nano SIM/microSD card

1. Insert the SIM Card Tray Pin into the small hole on the SIM card tray and remove the SIM card tray.
2. Place the Nano SIM card and MicroSD card into the tray.
3. Gently slide the card tray back into the slot.

Mount an SD card

1. With an SD card inserted, swipe up from the Home screen to access **Apps** and tap **Settings** .
2. Tap **Storage** > **SD CARD**.
3. Tap **MOUNT** on the prompted screen.

Unmount an SD card

Always unmount an SD card before removing it from your phone to avoid corrupting or damaging the files on the SD card.

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Storage** > .

Your SD card is now safely unmounted. To use this SD card again, you will need to remove (see below) and mount it again.

Remove an SD card

Insert the SIM Card Tray Pin into the small hole on the SIM card tray and remove the SIM card tray. Pull out the card tray slot and remove the SD card.

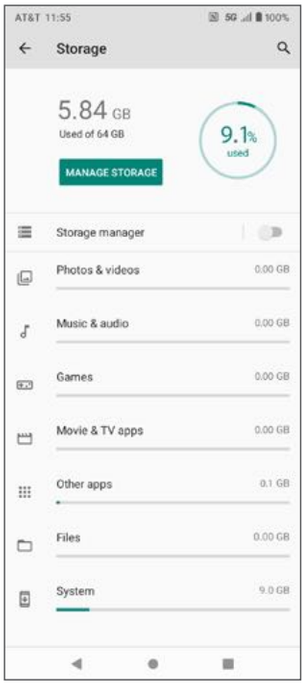
Format an SD card

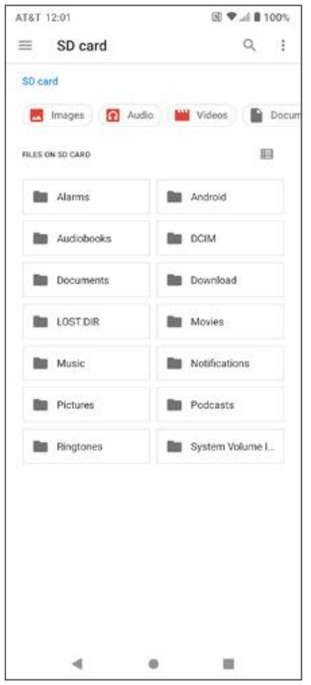
When you insert an optional SD card for the first time, it is recommended that you format it on your phone.

Note: Formatting your SD card will erase all files on the card. Make sure to back up your files in another location before formatting.

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Storage** > **SD CARD**.
3. Tap **Menu** > **Storage settings**.
4. Select **Format** or **Format as internal**, then tap **FORMAT SD CARD** to confirm.

All data on the SD card will be erased, and the card will be formatted for use on your phone.





Turn your phone on and off

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

Turn your phone on

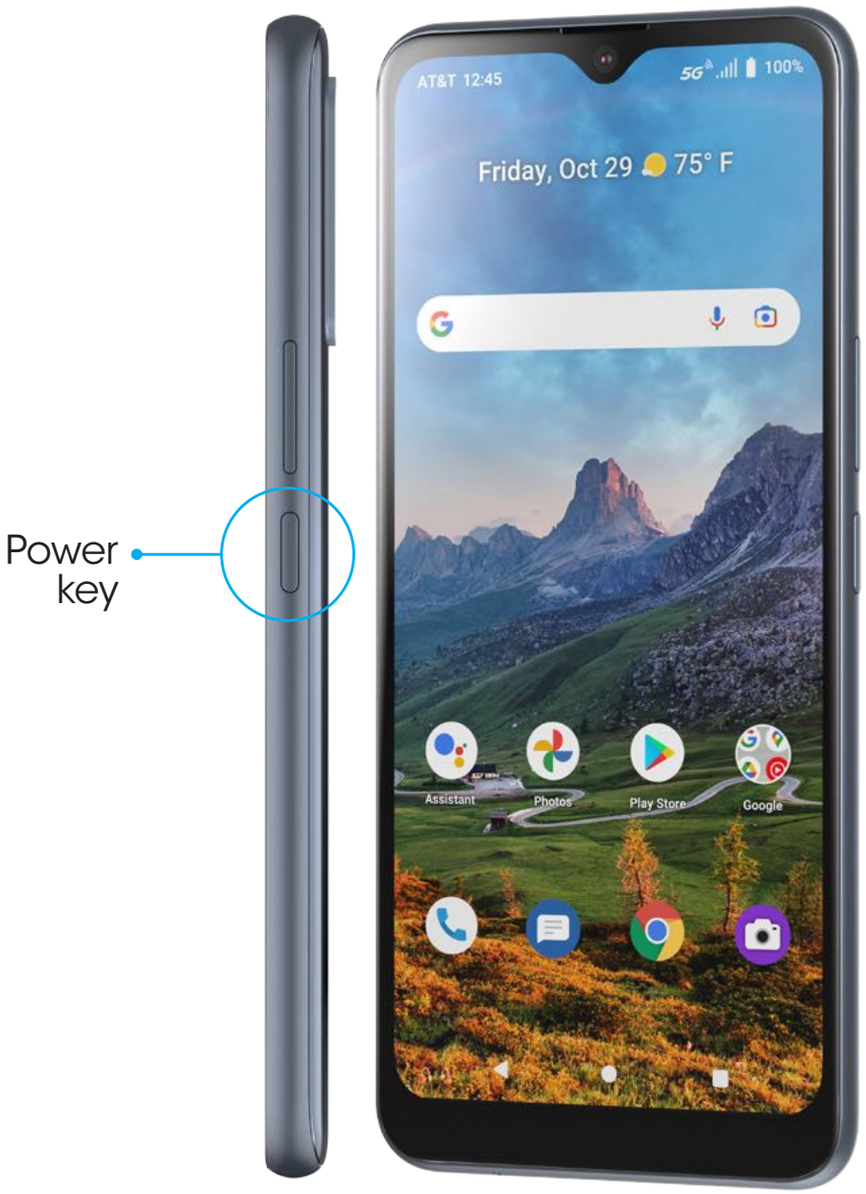
1. Press and hold the **Power** key until the device turns on.

Turn your phone off

1. Press and hold the **Power** key.
2. Tap **Power off**.

Restart your phone

1. Press and hold the **Power** key.
2. Tap **Restart**.



Use the touch screen

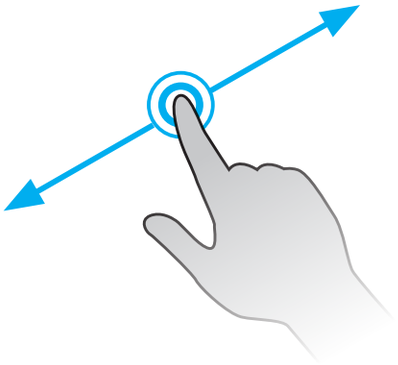
Your phone's touch screen lets you control actions through a variety of touch gestures.

Tap or touch

Tap or touch with your finger to type characters into the on-screen keyboard, select and open applications and settings, or press on-screen buttons.

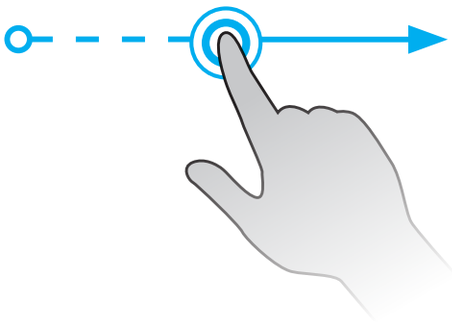
Touch and hold

Touch and hold an item to view available options (for example, a contact or link in a Web page), or to move icons.



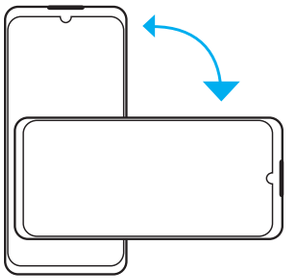
Swipe or slide

Quickly drag your finger vertically or horizontally across the screen to swipe or slide.



Drag

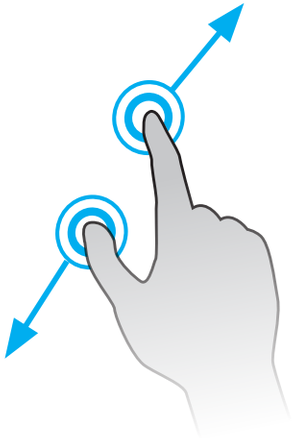
Touch and hold your finger with slight pressure, then move your finger slowly across the screen to drag. While dragging, do not release your finger until you have reached the target position.



Rotate

Rotate the phone sideways to automatically change the screen orientation from portrait to landscape. When entering text, you can turn the phone sideways to bring up a bigger keyboard. See *"Touch screen keyboards" on page 37* for more details.

Note: To activate Auto-rotate mode, swipe up from Home screen to access **Apps** and tap **Settings** > **Display** > **Advanced** > **Auto-rotate screen**, and slide the switch to the **On** position. You can also activate it by dragging the Status bar down and tapping **Auto-rotate** .



Pinch and spread

Use your thumb and forefinger in a pinching motion on your screen to zoom out, or spread them to zoom in when viewing a picture or a web page. (Move fingers inward to zoom out and outward to zoom in.)

Complete the setup screens

Once your service has been activated, you will need to run Setup. The Setup Wizard will appear to guide you through the basic settings on your device. You will be prompted to select the language you want to use, set up your Wi-Fi connection, enter your name, set a screen lock method, sign in to your Google™ account, select location services, and more.

Follow the remaining instructions to finish your phone setup.

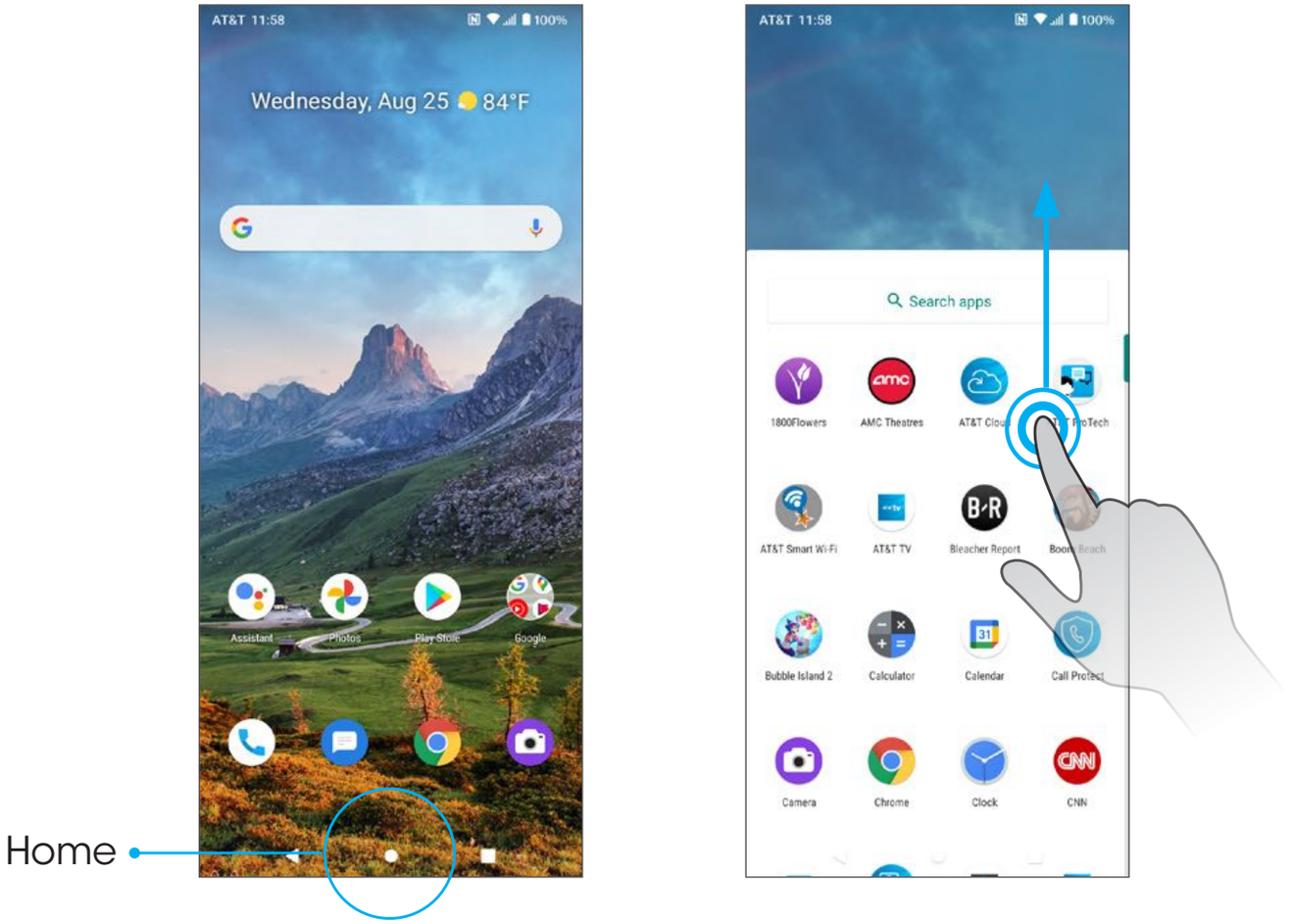
Basic operations

The following topics outline basic features and operations of your phone.

Home screen and Apps list

Most of your phone's operations originate from the Home screen or the **Apps** (applications) list.

1. From any screen, press the **Home** button to display the Home screen.
2. From the Home screen, swipe up to access the **Apps** list.



For information about using the Home screen, see *"Home screen basics" on page 45*.

Select options and navigate screens

Tap icons, on-screen buttons, and other items to open or activate the assigned function.

- Tap the **Back** button to return to the previous screen.

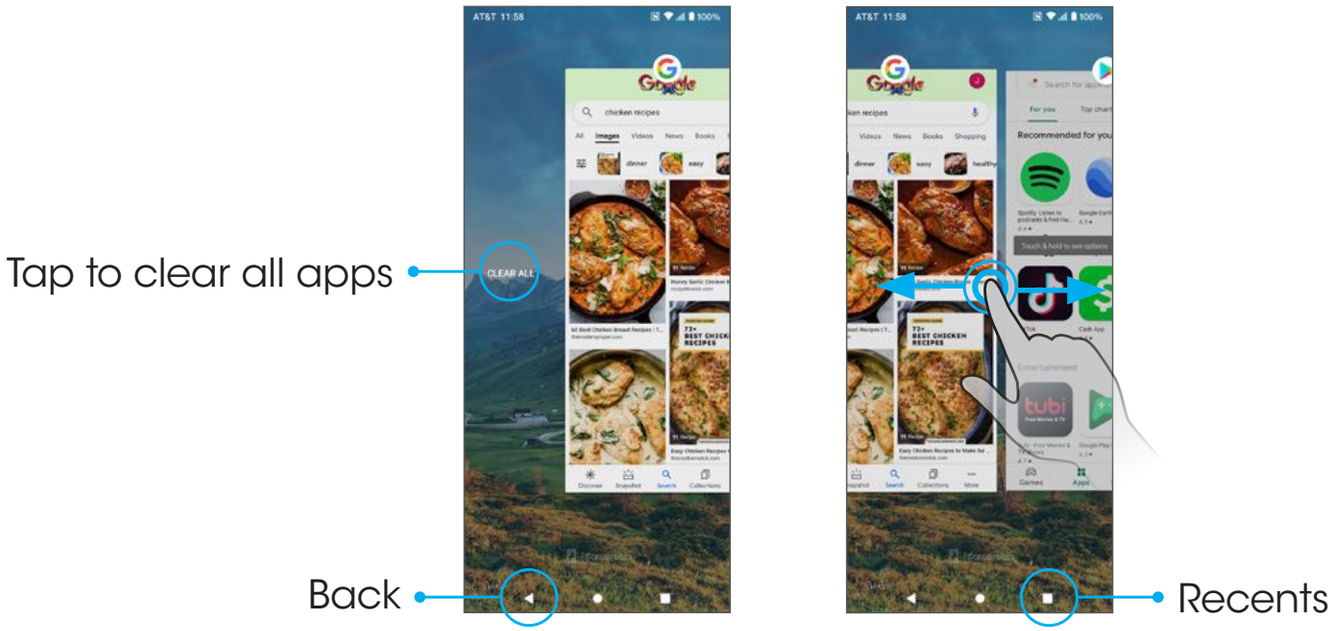
Recent applications

View your recently used applications by tapping the **Recent Apps** button .

Switch between recently opened apps

You can easily switch between the apps you've recently opened.

Tap the **Recent Apps** button to see your recently opened apps.



1. To close an app, swipe it up.
2. To close all of the apps and clear the list, tap **CLEAR ALL**.

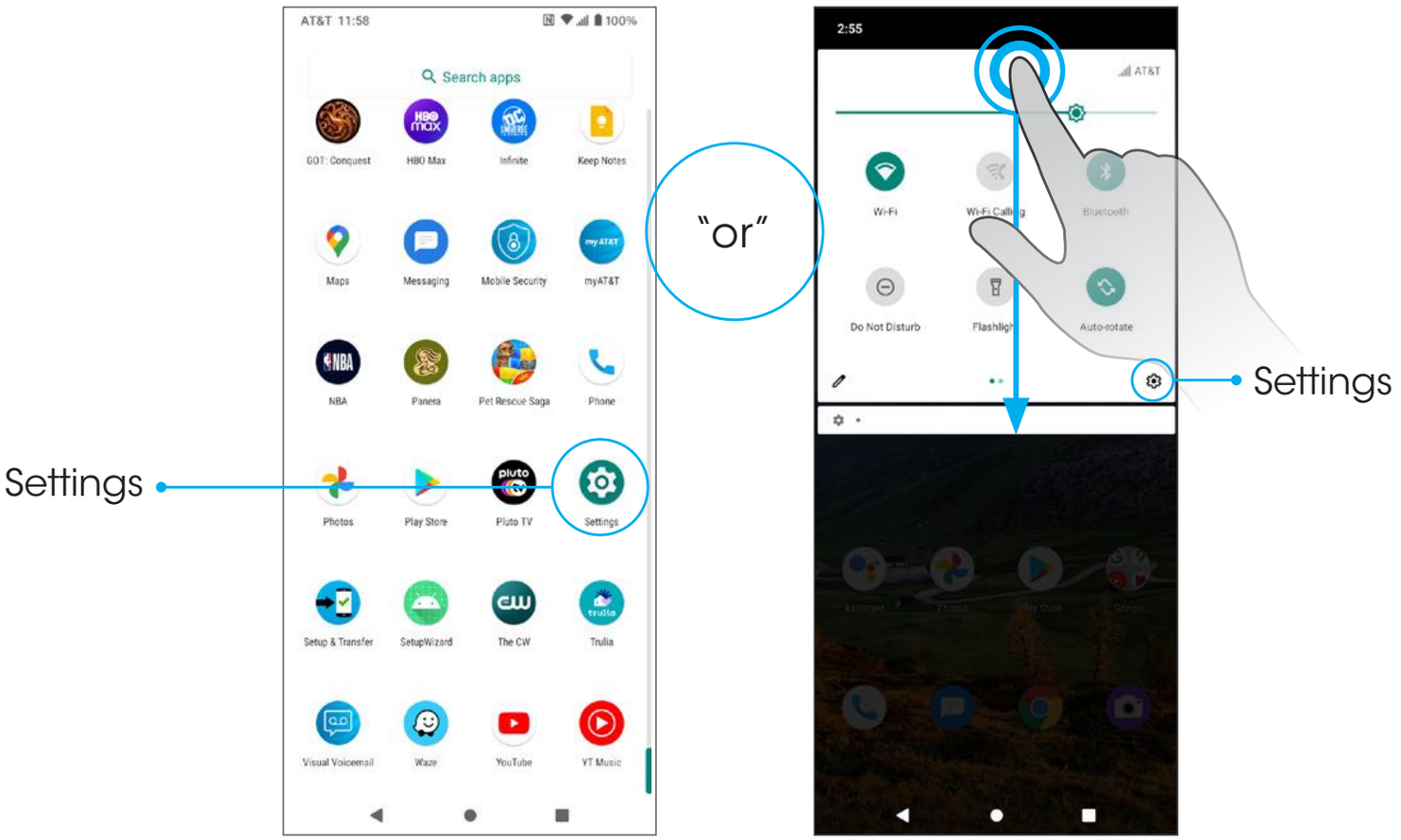
You can tap the **Recent Apps** button to quickly switch between the two most recently used apps.

Phone settings menu

You can customize your phone's settings and options in the Settings menu. There are two ways to access the Settings menu:

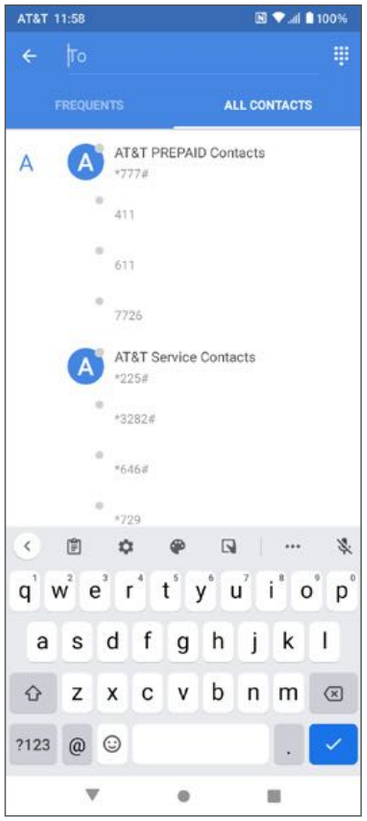
- From the Home screen, swipe up to access **Apps** and tap **Settings** .
- From any screen, swipe the Status bar down twice and tap **Settings** .

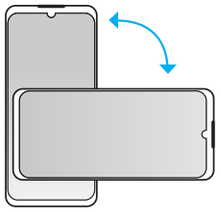
For more information, see *"Basic settings" on page 135*.

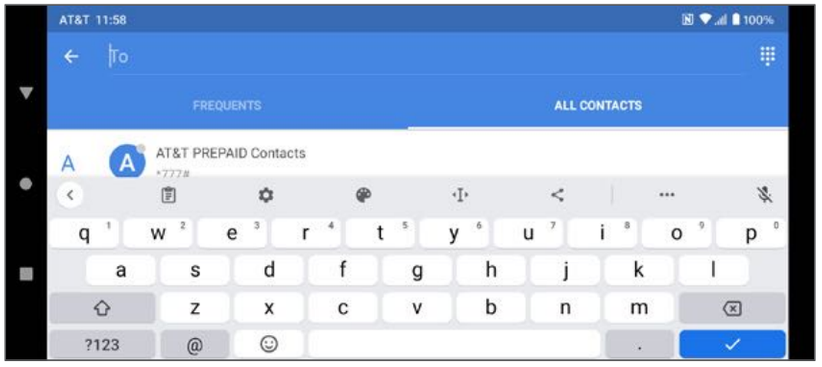


Portrait and landscape screen orientation

The default orientation for your phone's screen is portrait (vertical), but many apps will change to landscape orientation (horizontal or widescreen) when the phone is rotated sideways.







Note: Not all screens can be used in landscape orientation.

Turn screen rotation on or off

- Swipe the Status bar down twice and tap **Auto-rotate** to turn it on or off.
- You can also set the rotation option from the Settings menu. From the Home screen, swipe up to access **Apps** and tap **Settings** . Tap **Display** > **Advanced** > **Auto-rotate screen** and slide the switch to the **On** or **Off** position to activate or deactivate screen rotation.

Capture screenshots

There are two ways to capture a screenshot:

- Press and hold the **Power** key and **Volume down** key at the same time to capture a screenshot of the current screen.

Your screenshots will be stored in the Screenshots folder in the Gallery app. From the Home screen, tap **Photos** > **Library** > **Screenshots**.

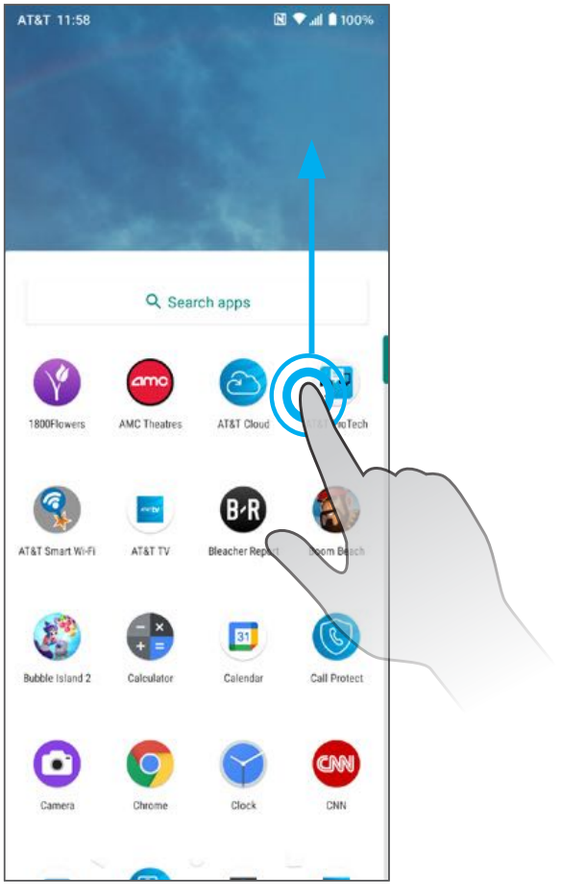
Applications

The following topics describe how to access the **Apps** list and launch applications on your phone.

Launch apps

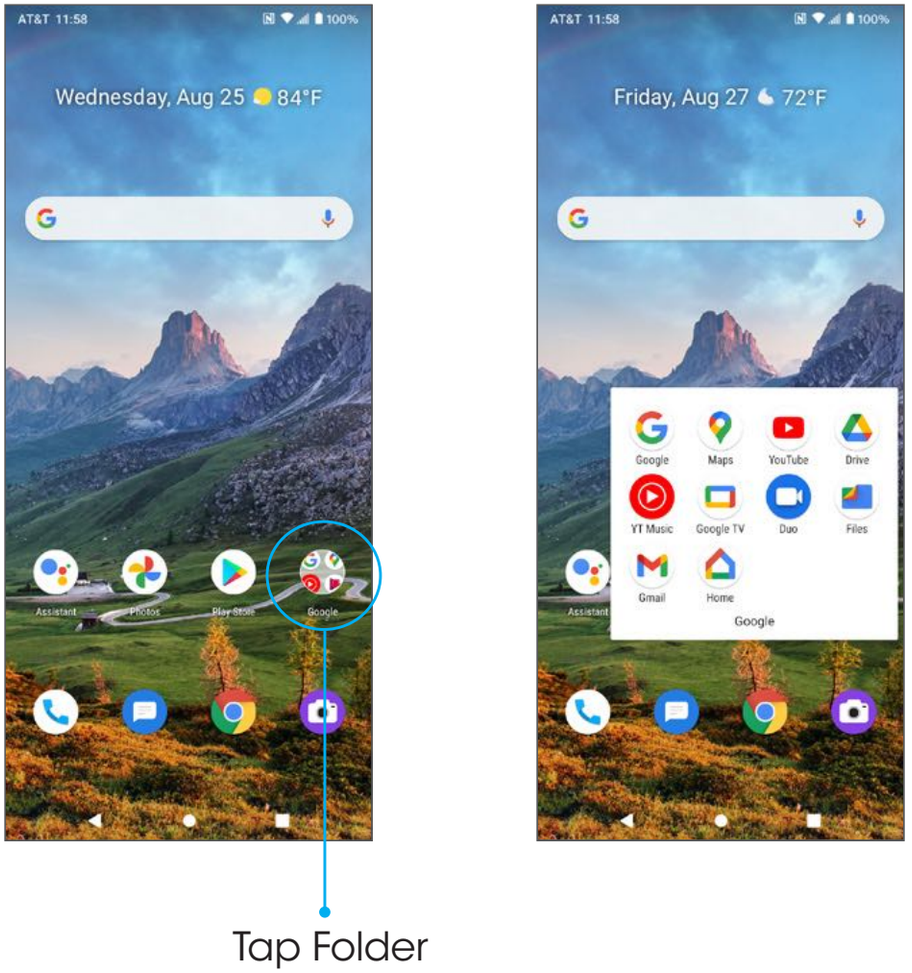
All installed apps can be accessed and launched from the **Apps** list.

1. From the Home screen, swipe up to access the **Apps** list.
2. Tap an app icon to launch the app.



Group app folders

1. From the Home screen, touch a group app folder to open and tap an app shortcut to launch the app.
2. To add more apps to the folder, drag each app over to the folder.
   See *"Add App folders to the Home screen" on page 56*.



Control app permissions

The first time you open an app, you'll be asked to grant permissions to access certain data or features. This ensures that you have full control of which apps have authorized access.

If you don't want to grant access for an app, choose **DENY**. If you choose **DENY** in a trusted app, you may not be able to use the app or access all the functions. To modify permission settings, follow the steps below:

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Apps & notifications** > **Advanced** > **Permission manager**.
3. Select a category. Tap the app you want to modify permissions for and select **Allow** or **Deny** to adjust the permission settings.

Note: These options may vary.

Set default apps

You can choose default apps for web browsing, text messaging, and more.

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Apps & notifications** > **Default apps**.
3. Choose your default web browser, phone app, messaging app, and more.

Choose default apps

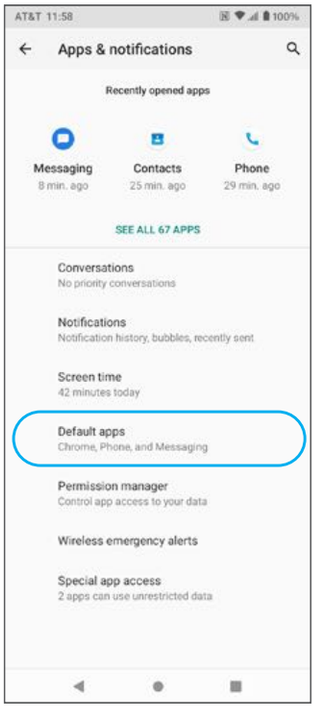
Some actions can be performed with more than one app. When performing an action for the first time, you may be prompted to choose an app. You can choose to use an app only this time by tapping **JUST ONCE**, or tap **ALWAYS** to set that app as the default.

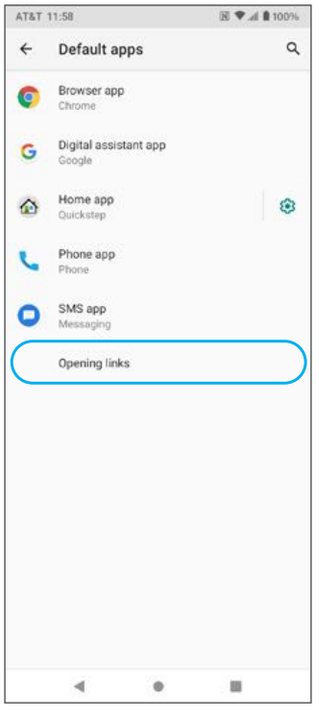
You can change the default app at any time in the Settings menu.

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Apps & notifications** > **Advanced** > **Default apps**.

To change the default app for opening links, continue with the steps below:

1. Tap **Apps & notifications** > **Advanced** > **Default apps** > **Opening links**.
2. Tap the app you want to set and tap **Open supported links**.
3. Choose **Allow app to open supported links** to set this app as the default to open when you tap a link. You can also choose **Ask every time** or **Don't allow app to open links** according to your preference.

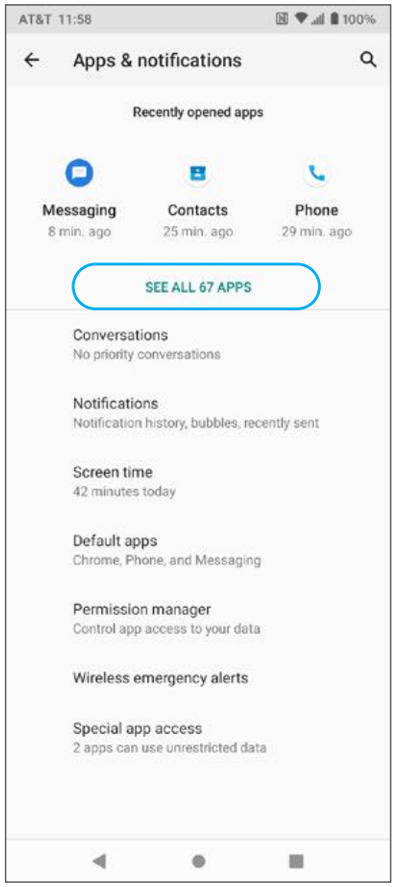


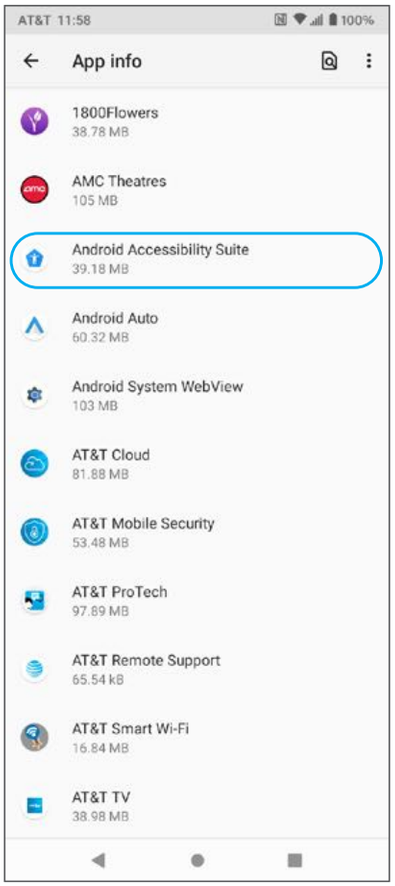


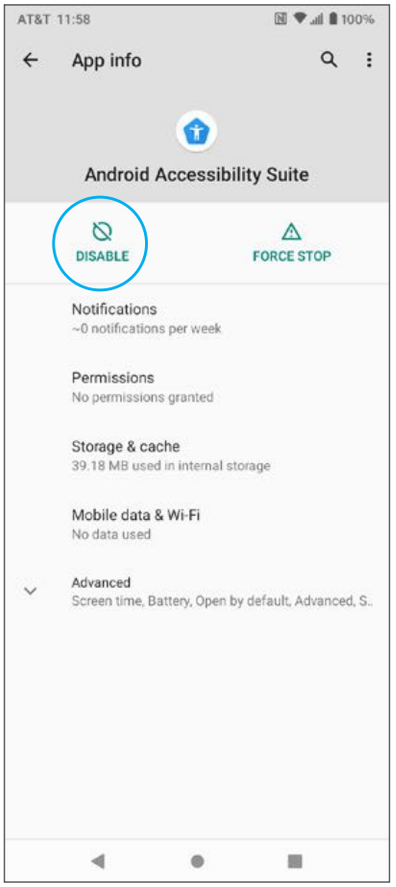
Disable an app

You can disable some default apps which can't be uninstalled to avoid them running in the background and downloading data.

1. From the Home screen, swipe up to access **Apps**, and tap **Settings** .
2. Tap **Apps & notifications** > **SEE ALL APPS**.
3. Tap the app you want to disable to access App info screen.
4. Tap **DISABLE**.







Apps list

The **Apps** list expands to include any apps you download and install on your phone. The following table outlines the primary apps that have been preinstalled on your phone.

App	Function/Service
Calculator	Perform basic and advanced mathematical calculations.
Calendar	Create and manage events, meetings, and appointments, organize your time, and schedule reminders for important events.
Camera	Take and share pictures and videos.
Chrome	Surf the Internet with Google's easy-to-use web browser.
Clock	Set alarms, view time zones around the world, use a stopwatch, set a timer, and use your phone as a desk clock.
Contacts	Manage all of your contacts in one place.

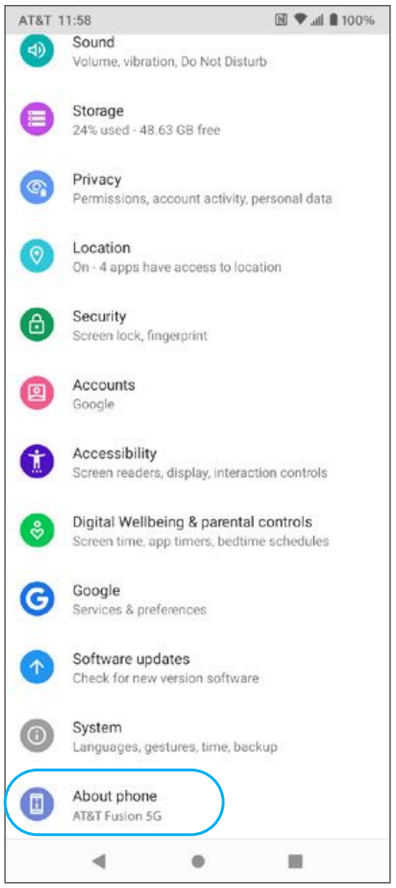
App	Function/Service
Duo	Make free high-definition video calls to your friends and family.
Files	Access all of your documents, pictures, videos, and downloads.
Gmail	Send, receive, and manage your email messages. This app supports email accounts for Gmail, Yahoo!®, Hotmail®, and more.
Google	Search for information saved on the phone and within phone applications as well as on the Internet.
Maps	Determine your location, find directions, browse local businesses and attractions, rate and review places, and more.
Messaging	Send and receive text messages.
Phone	Place and receive calls, use voicemail, set up and manage contacts, and more.

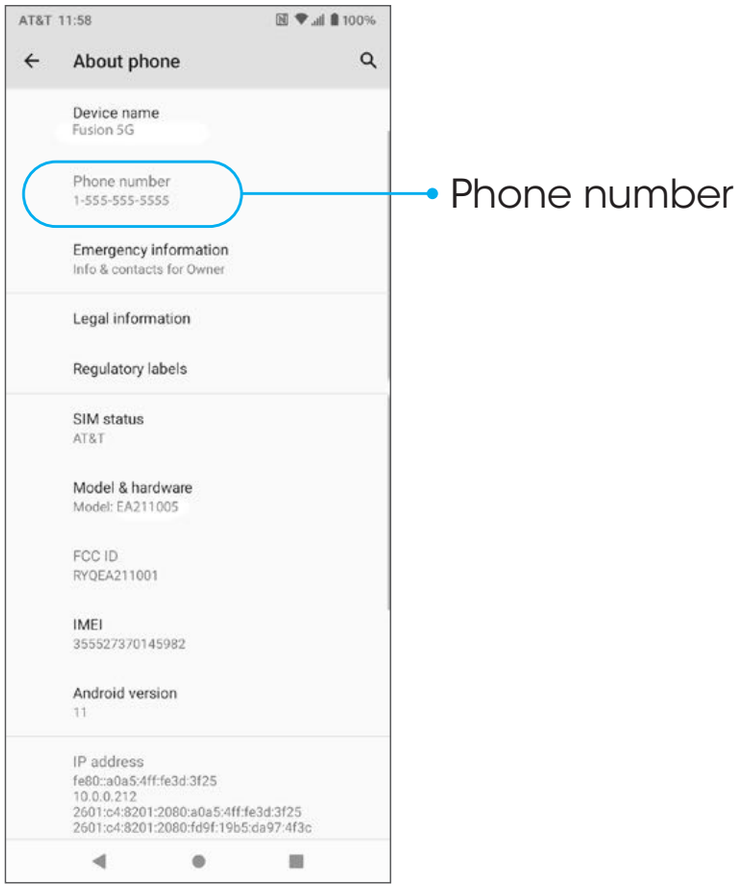
App	Function/Service
Photos	Manage your photos and back them up to your Google account.
Play Store	Download new Android apps, books, movies, and music to your phone.
Settings	Adjust options, personalize your phone, view device information, and more.
YouTube	Watch videos or upload your own with the world's largest video-sharing site.
YT Music	Stream and browse playlists, albums, and artists from YouTube Music.

Phone number

Follow the instructions below to view your phone number.

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **About phone** .
3. You will see the phone number listed under **Phone number**.





Airplane mode

Airplane mode turns off all functions that emit or receive signals while leaving your phone on so you can use apps that don't require a signal or data.

To turn on Airplane mode

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Network & internet** > **Airplane mode**.
3. Slide the switch to the **On** position to activate Airplane mode.

You will see the Airplane mode icon in the Status bar.

To turn off Airplane mode

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Network & internet** > **Airplane mode**.
3. Slide the switch to the **Off** position to deactivate Airplane mode.

Your phone's wireless connection features will be restored.

Tip: You can also access Airplane mode through the Quick Settings menu. Swipe the Status bar down twice to access the Quick Settings menu and tap **Airplane mode** to enable or disable data transmissions.

Note: If you do not see Airplane mode in the Quick Settings menu, swipe to the right to locate it.

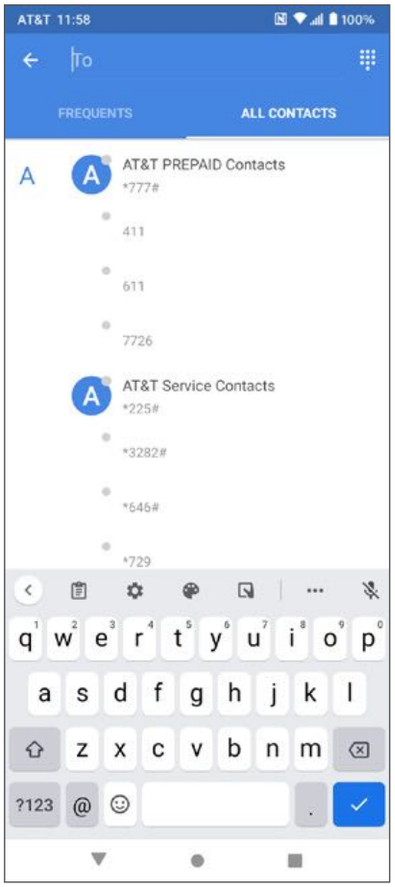
Enter text

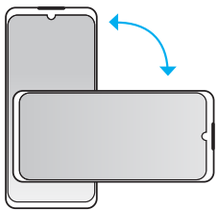
You can type on your phone using one of the available touch screen keyboards or Google Voice Typing.

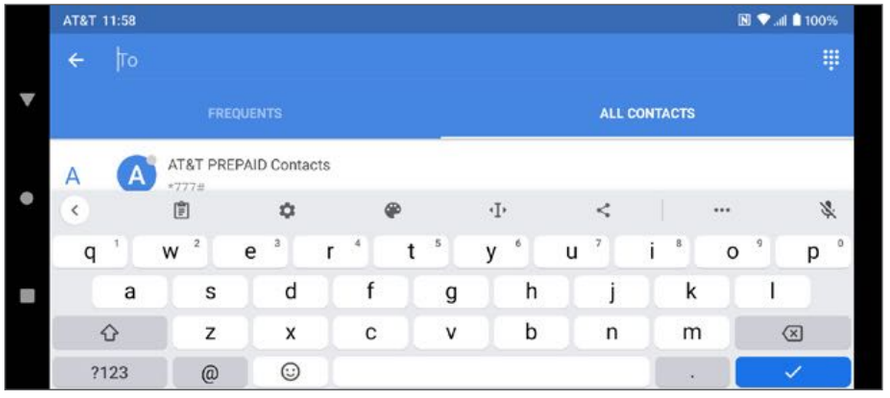
Touch screen keyboards

Your phone offers Google touch screen keyboards for entering text. The keyboard appears automatically on-screen when you tap a text entry field, and can be used in either portrait or landscape mode. You can also use Google Voice Typing to enter text using your voice (see *"Google Voice Typing" on page 38* for details).

Note: Keyboard layouts and options may change depending on the app currently in use. For example, if you're entering text into a web search, a Search icon may appear instead of an Enter key.







Google keyboard

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

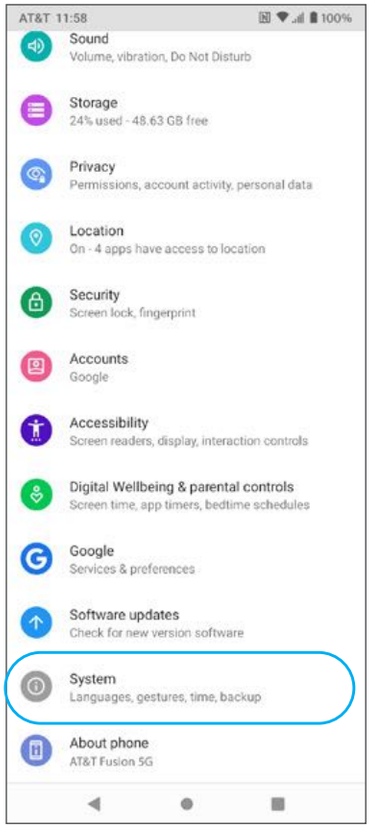
Access Google keyboard settings

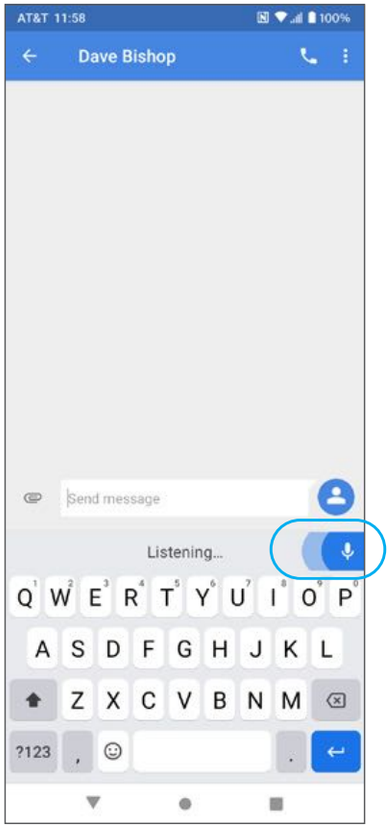
1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **System** > **Languages & input** > **On-screen keyboard** > **Gboard**.

Google Voice Typing

Google Voice Typing uses Google Voice™ recognition to convert speech to text.

1. From **Messaging**, tap and speak.



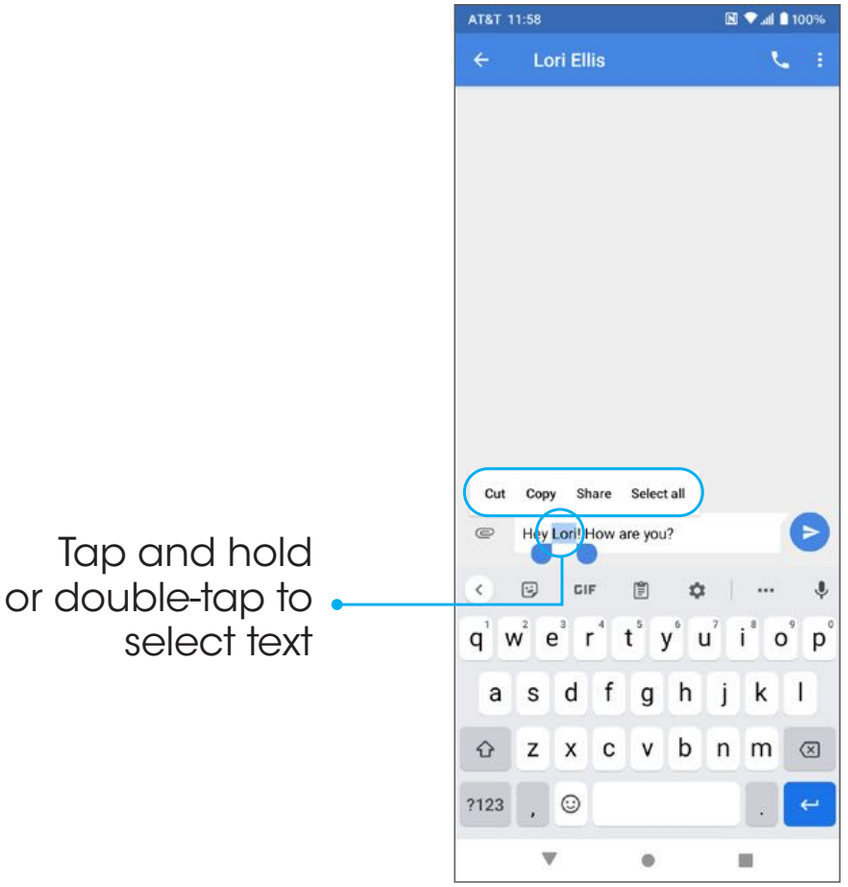


Tips for editing text

Your phone has many options to make entering text easier, including copying, cutting, and pasting text, using voice-to-text input, customizing the user dictionary, using predictive text, and more.

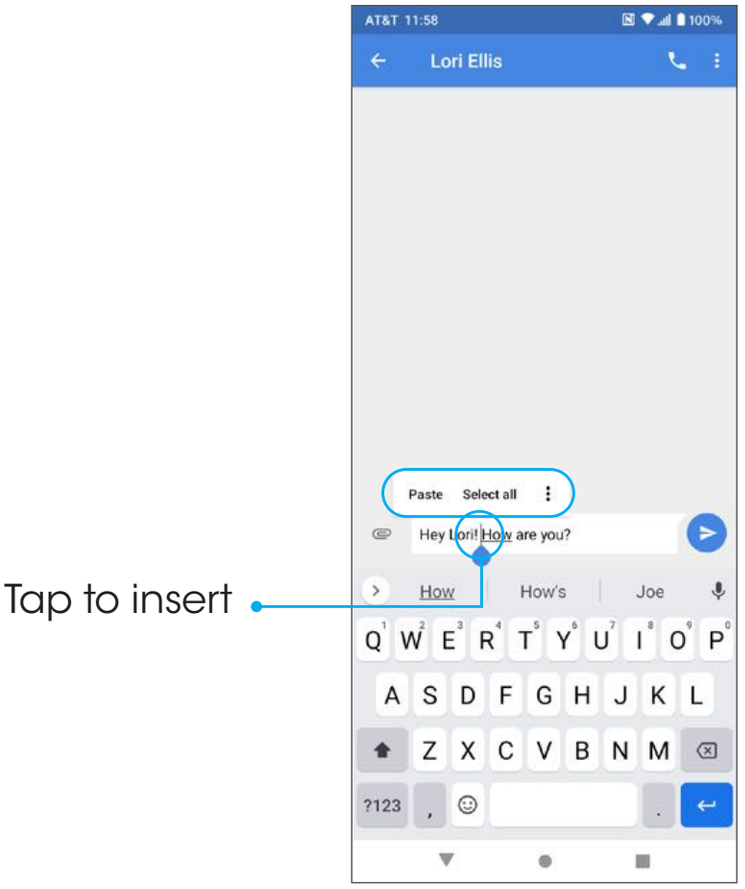
To edit text you have already entered

1. Touch and hold or double-tap the text you would like to edit.
2. Drag the tabs to adjust the highlighted selection.
3. The following options will appear: **Cut**, **Copy**, **Paste** (if you have text copied on the clipboard), **Share**, and **Select all** (if there is more than one word available to select).



To insert new text

1. Touch where you want to type, the cursor and tab will appear. Drag the tab to move the cursor.
2. Tap the tab to view the pop-up menu, then tap **Paste** to insert any text you have previously copied.



Google account

You will need a Google account to access several phone features, such as Gmail, Google Maps, Duo, and Google Play Store. Enter your Google account information to access Google apps. These apps sync between your phone and your online Google account.

Create a Google account

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

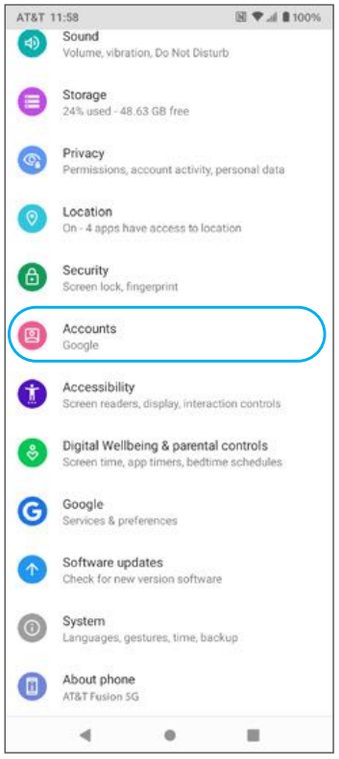
Note: You can also create and sign into your Google/Gmail account from the Settings menu.

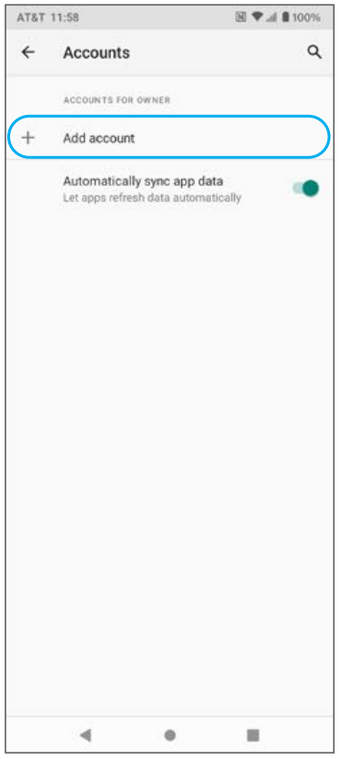
Create a Google account online

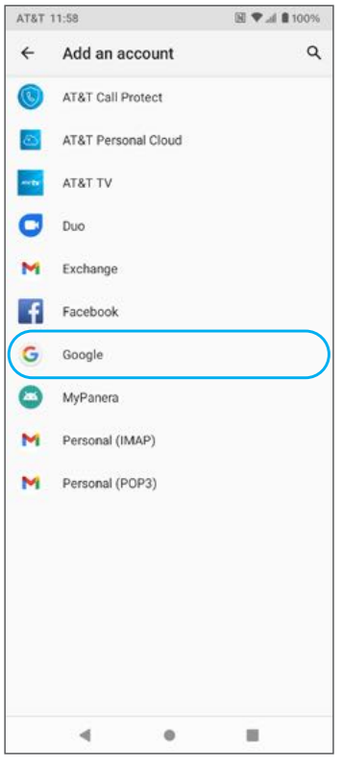
1. Using a computer, visit *google.com*.
2. On the main page, click **Sign in** > **Create account** > **For myself**.
3. Follow the prompts to set up your account:
    a. Enter your first and last name, a desired username/Gmail address, and create and confirm a password.
    b. Add a phone number or secondary email for security (optional).
    c. Enter basic personal information.
4. Tap **I agree** to accept Google's Privacy and Terms and finish your Google account setup.

Create a Google account using your phone

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Accounts** > **Add account**.
3. Tap **Google** and then tap **Create account** > **For myself**.





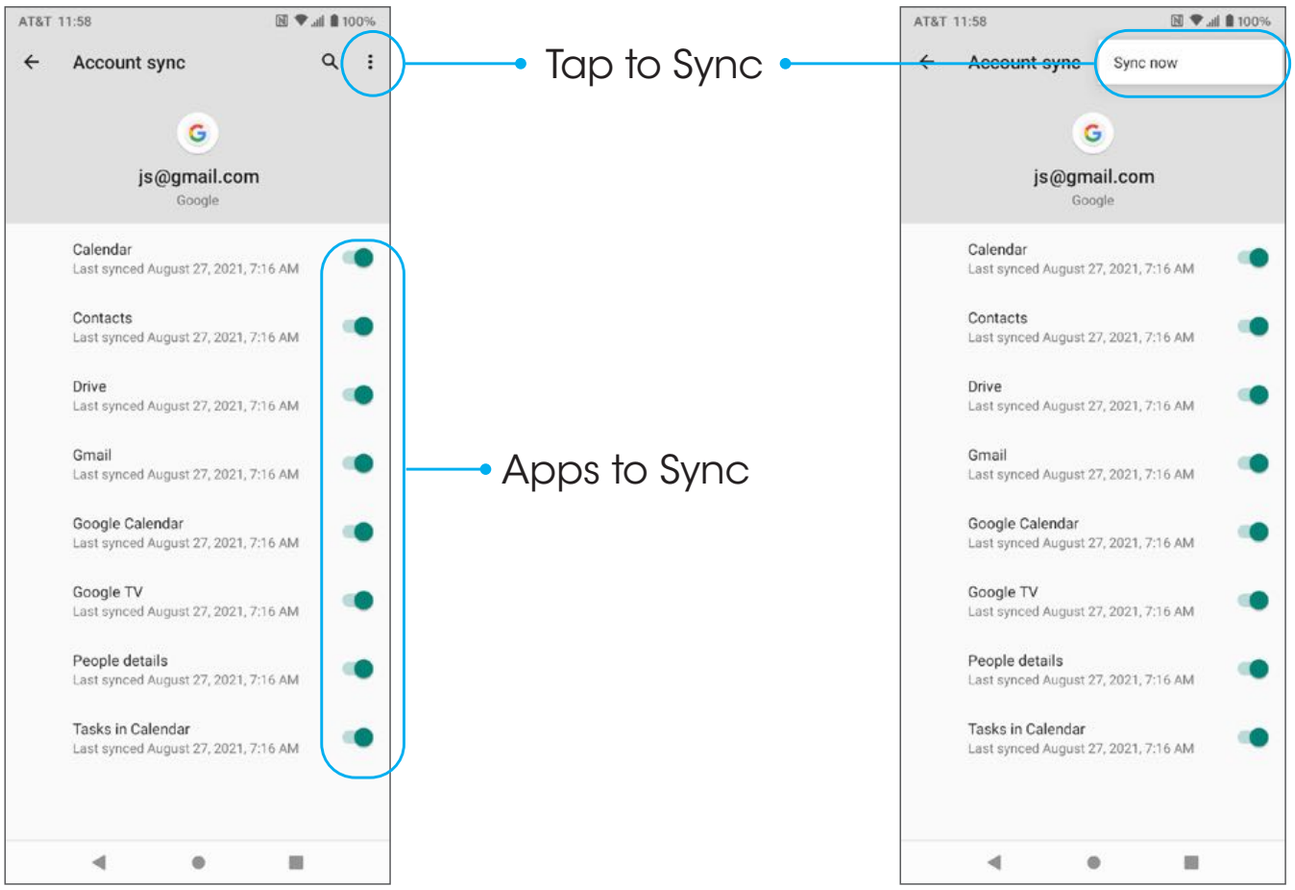


4. Follow the prompts to set up your account. Tap **Next** to proceed between steps, which may include:
   a. Enter your basic information such as first and last name.
   b. Enter a desired username/Gmail address.
   c. Create and confirm a password.
   d. Add a phone number for security, or tap **Skip**.
   e. Review your account info. Tap **Next** to confirm.
5. Tap **I agree** to accept Google's Privacy and Terms and finish your Google account setup.

Sign in to your Google account

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

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Accounts** > **Add account** > **Google**.
3. Enter your email address or phone number and tap **Next**.
4. Enter your password and tap **Next**.
5. To sync your account information, tap your account > **Account sync** and select the apps you would like to sync with your phone. Then tap **Menu** > **Sync now**.



Important: Your service provider's policies often do not apply to third-party applications. Third-party applications may access your personal information or require disclosure of your customer information to the third-party application provider. To find out how a third-party application will collect, access, use, or disclose your personal information, check the application provider's policies, which can usually be found on their website. If you aren't comfortable with the third-party application's policies, do not use the application.

Lock and unlock your screen

You can quickly turn your phone screen off when not in use, and unlock it when you need it.

Note: For information on how to adjust the time before the screen turns off, see *"Display" on page 158*.

Turn the screen off when not in use

To quickly turn the screen off, press the **Power** key. Pressing the **Power** key again while receiving an incoming call to turn off your phone screen and display the lock screen.

To save battery power, your phone screen will automatically turn off after being idle for a period of time. You will still be able to receive messages and calls while the phone's screen is off.

Turn the screen on and unlock it

1. To turn the screen on, press the **Power** key.

2. Swipe up from the bottom of the screen to unlock it.

If you have set up a screen lock, you will be prompted to unlock your phone. See *"Screen lock" on page 171* for details.

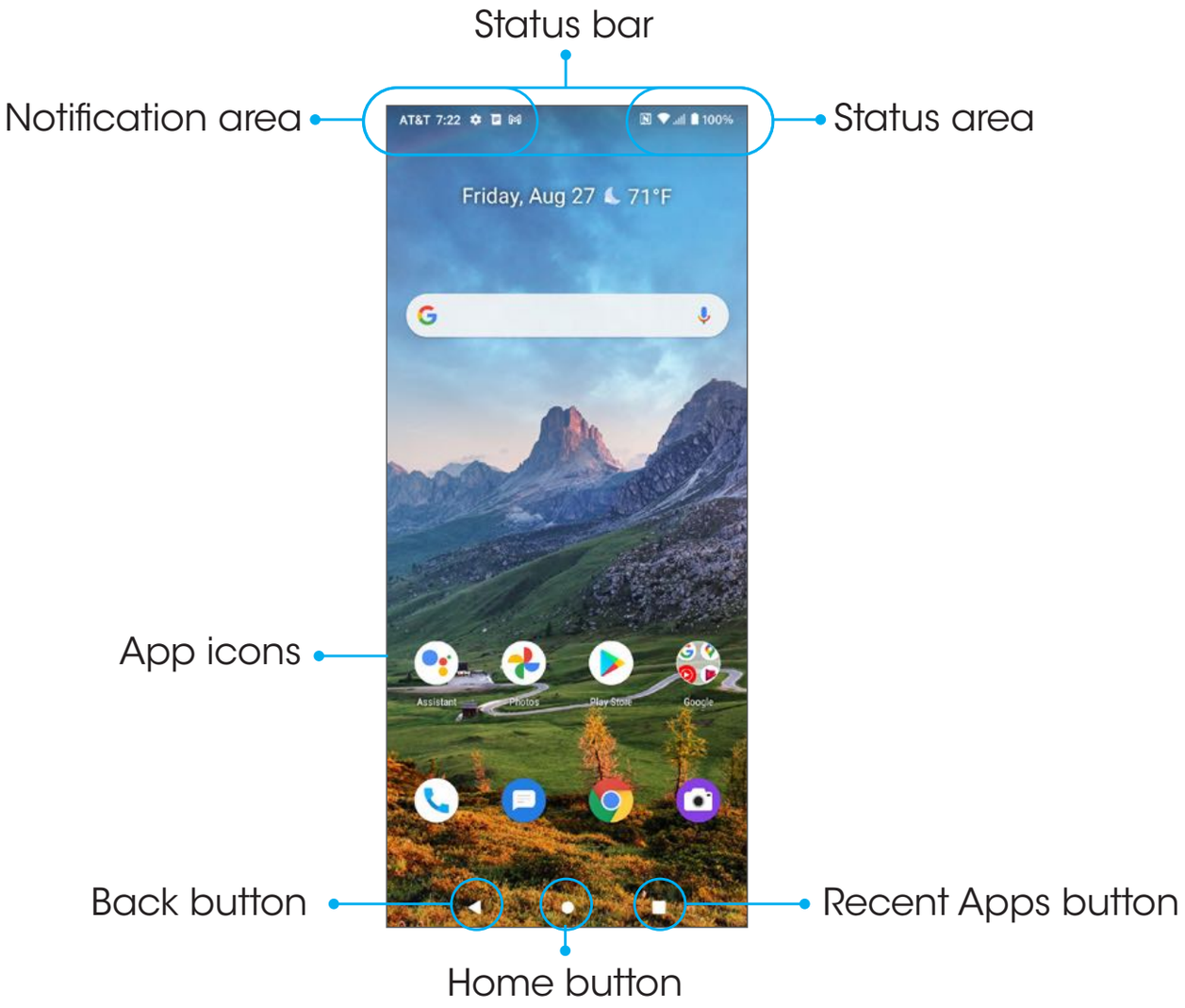
The following topics describe how to use and customize your phone's home screen, understand the Status bar, and use the Notification panel.

Home screen basics

The Home screen is the starting point for your phone's applications, functions, and menus. You can customize your Home screen by adding application icons, shortcuts, folders, and more.

Home screen layout

Your Home screen extends beyond the initial screen. Swipe right to display additional screens.



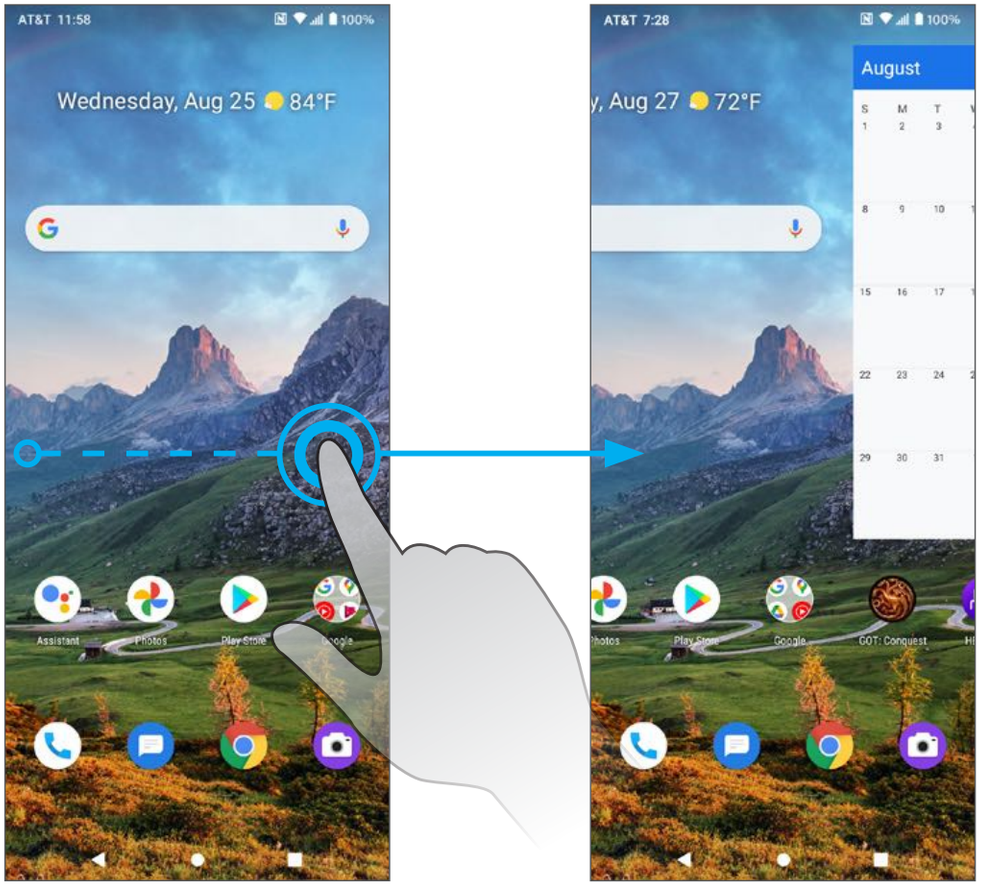
Item	Description
App icons	Add shortcuts to your favorite apps to the Home screen.
Back button	Tap to return to the previous screen.
Home button	Tap to display the main Home screen.
Notification area	View notifications for incoming messages, missed calls, application updates, and more. Drag the Status bar down to display the Notification panel.
Recent Apps button	• Tap to display a list of recently used apps. • Double tap to swap between your last two used apps. • Tap and scroll to the screen you want to screenshot. Tap Screenshot to capture.
Status area	View phone and service status information such as signal strength, battery status, Wi-Fi and data connectivity, ringer status, and time.
Status bar	Icons indicate your phone's status (on the right side) and notifications (on the left side).

Extended home screens

In addition to the main Home screen, your phone features extended Home screens to provide more space for adding icons, and more. Press the **Home** button to display the main Home screen, then swipe to the right to move from the main screen to an extended screen.

To add a new Home screen, drag an app icon to the right edge of the main screen and release the icon. A new extended screen will be added.

Tip: While on an extended screen, press the **Home** button to return to the main Home screen.



Status bar and Notification panel

Quickly view your phone's status and notifications at the top of the screen.

Status bar

The Status bar at the top of the Home screen provides phone and service status information on the right side and notification alerts on the left. To view the Notification panel or access the Quick Settings menu, drag the Status bar down from the top of the screen.

Main status icons (Right side)

Icon	Status
	5G data service
	4G LTE data service
	Airplane mode enabled
	Battery (charging)
	Battery (full charge)
	Bluetooth® connected
	GPS in use

Icon	Status
	Headphones
	Hotspot
	Mute on
	Network (full signal)
	Network (roaming)
	No Network
	Speakerphone enabled
	Vibrate on
	Wi-Fi® enabled
	Wi-Fi® Calling enabled

Main notification icons (Left side)

Icon	Notification
	Alarm
	Download
	Event
	Keyboard active
	Missed call
	New Gmail
	New text or MMS message
	New voicemail
	Software update available
	USB connection
	Update successful
	Warning
	Wi-Fi® Calling

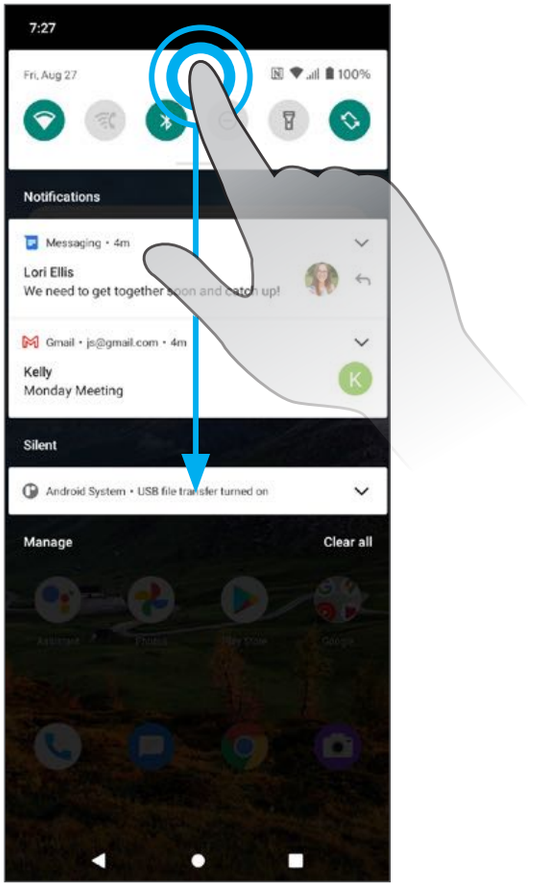
Note: Additional notification icons may appear. All notifications may be accessed through the Notification panel.

Notification panel

Your phone's notifications appear at the left side of the Status bar. Access the full Notification panel by dragging down the Status bar to check notifications, download updates, open messaging apps, access the Quick Settings menu, and more.

Open the Notification panel

1. Swipe down on the Status bar.



2. To check notifications, tap an item in the list.

Close the Notification panel

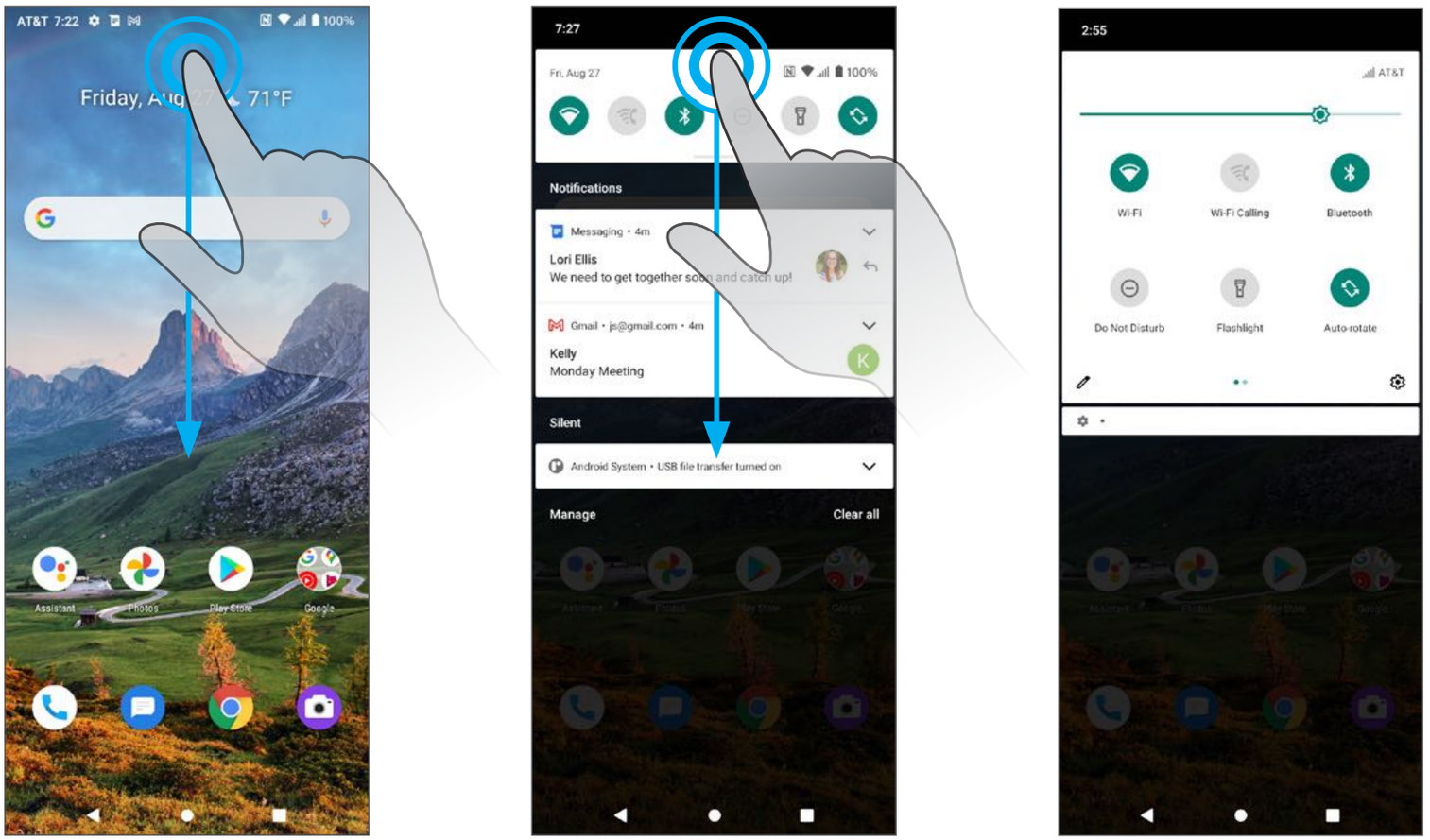
Swipe up to close the Notification panel, or tap the **Back** button .

Notification panel layout

The Notification panel gives you access to both notifications and the Quick Settings menu.

To access the Quick Settings menu:

1. Swipe the Status bar down to display the Notification panel.
2. Swipe the Status bar down again to access the full Quick Settings menu.



Customize the Home screen

Learn how to set the wallpaper and add, move, or remove shortcuts and folders from the Home screen.

Operations for rearranging the Home screen

To move app shortcuts icons

From the Home screen, touch and hold an app shortcut, then drag it to the desired location.

To delete app shortcuts icons

From the Home screen, touch and hold an app shortcut, then drag it to **Remove** at the top of the screen to delete from the Home screen.

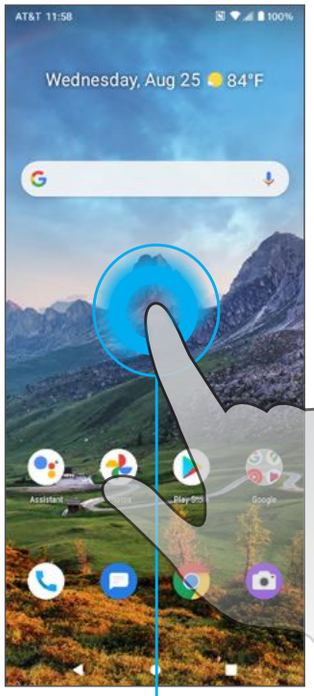
To display the Home screen menu

From the Home screen, touch and hold an empty space to display the Home screen menu. Change wallpapers and adjust other Home screen settings from the Home screen menu.

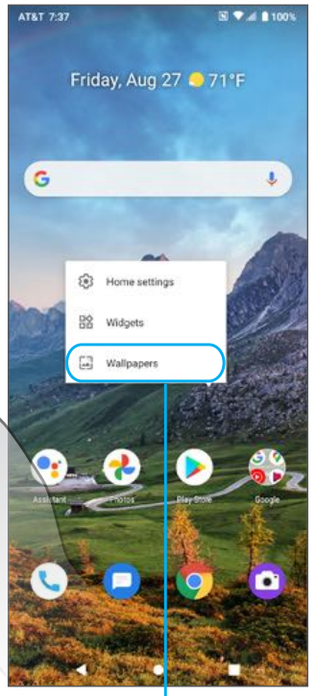
Change the wallpaper

1. From the Home screen, touch and hold an empty space, then tap **Wallpapers** on the Home screen menu.

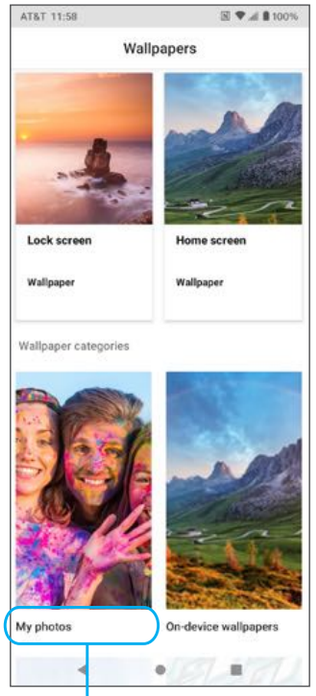
Tip: You can also access the Wallpapers menu from the Settings menu. From the Home screen, swipe up to access **Apps** and tap **Settings** > **Display** > **Wallpaper**.



Touch and hold an empty space



Tap Wallpapers



Select the album of your new wallpaper

Select your new wallpaper image

Set wallpaper and choose where to apply wallpaper

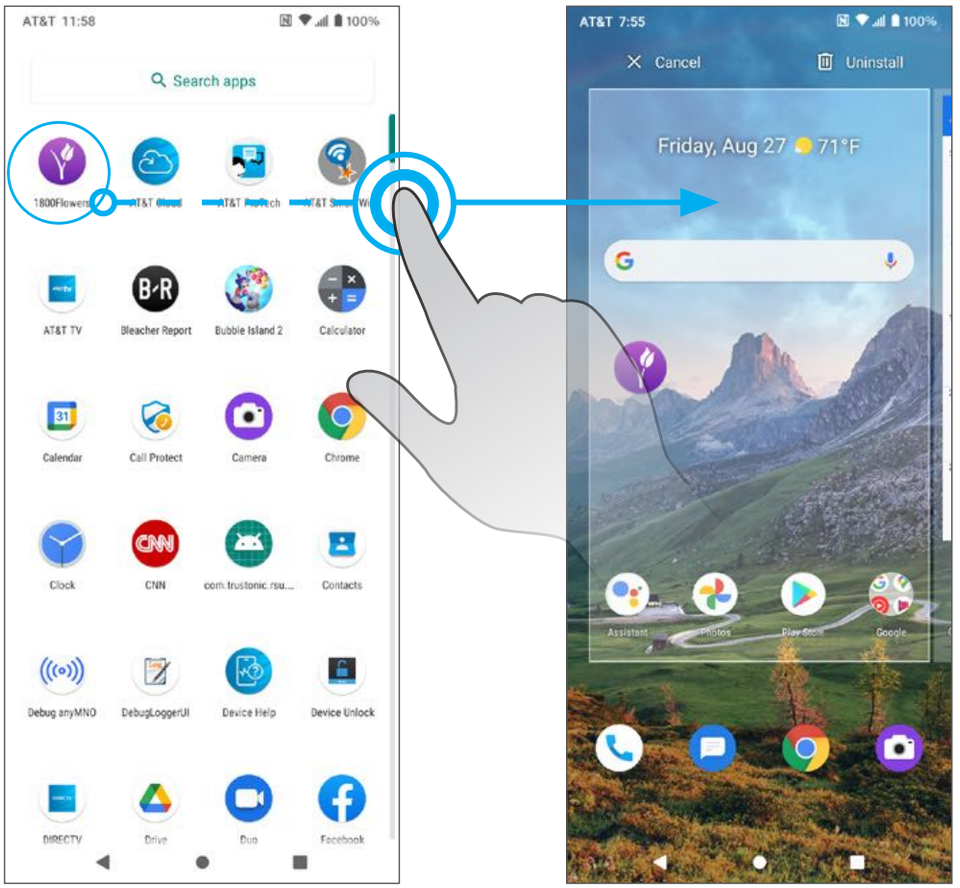
2. Choose to select the wallpaper from your Gallery photos or standard wallpapers on the phone.

3. Tap **Set wallpaper** at the bottom of the screen and choose to set the wallpaper on the Home screen, Lock screen, or both.

Add shortcuts to the Home screen

Add shortcuts for quick access to favorite apps from the Home screen.

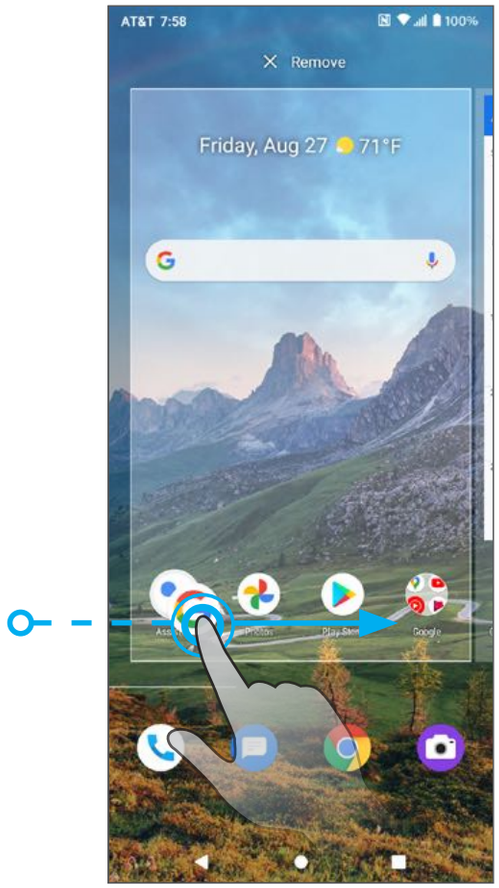
1. From the Home screen, swipe up to access **Apps**.
2. Touch and hold an app icon, then drag to move it.
3. Drag the icon to an empty location on one of the Home screens. The shortcut will be added to the Home screen.

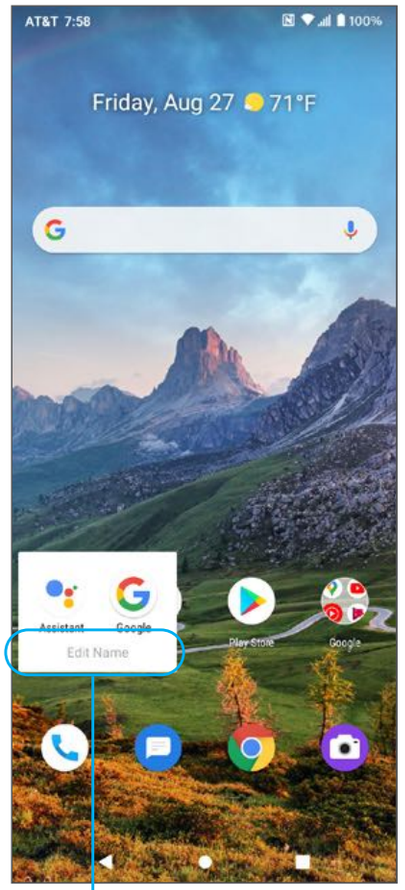


Add App folders to the Home screen

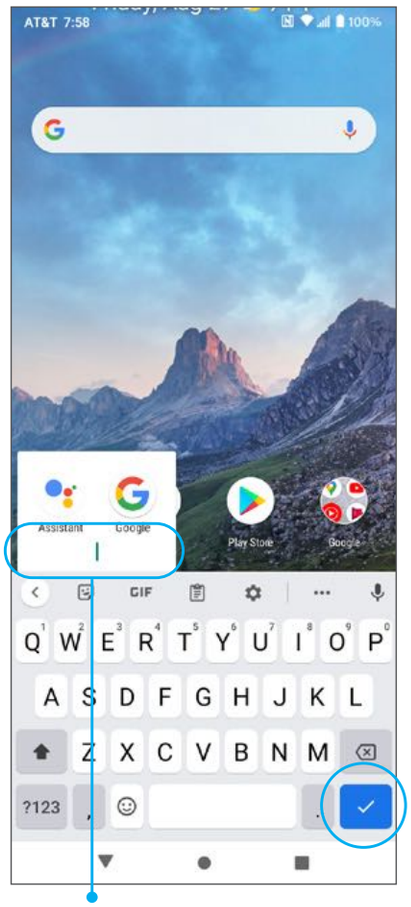
You can group Home screen shortcuts into folders for convenient access.

1. Drag an app icon and release it over another app icon on the Home screen to create a folder.





Tap Edit Name



Enter a Folder Name

2. Type a name for the folder, and then tap ✓.

3. To add more app shortcuts to the folder, touch and hold an app icon and drag it on top of the new folder.

Change folder names

Once you have added folders, you can change the name easily from the folder display.

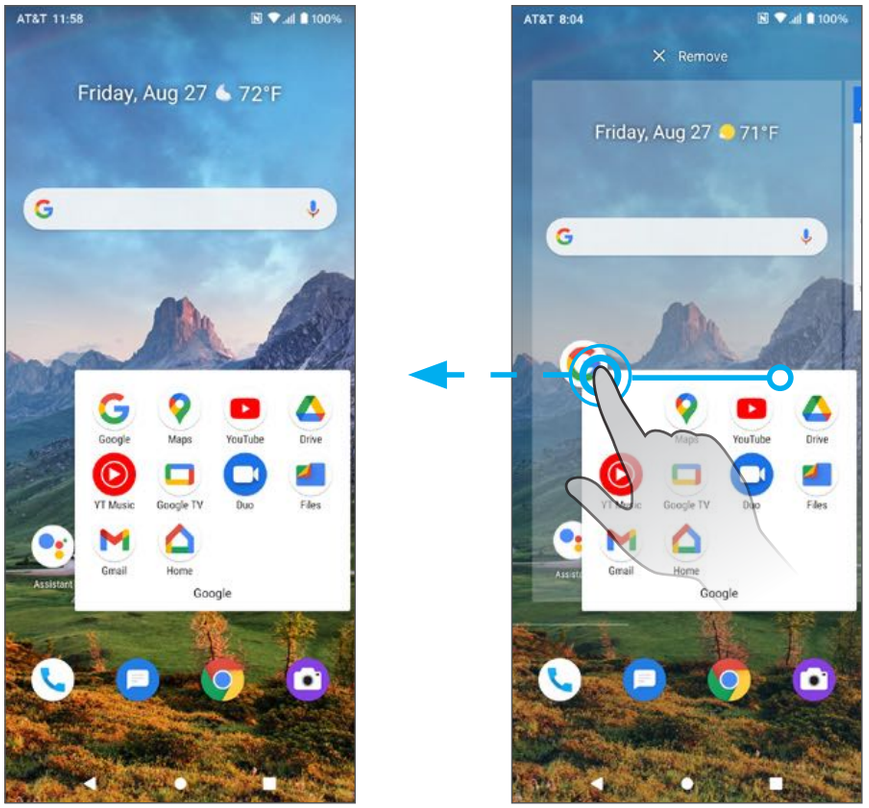
1. Tap the folder to open it.
2. Tap the folder name, type a new name, and then tap ✓.

Remove folder

1. Touch and hold a folder and drag it to ✕ **Remove** at the top of the screen.

Remove apps from a folder

1. Tap a folder to open it.
2. Touch and hold an app in the folder and drag it to the Home screen or to ✕ **Remove** at the top of the screen.



Making connections

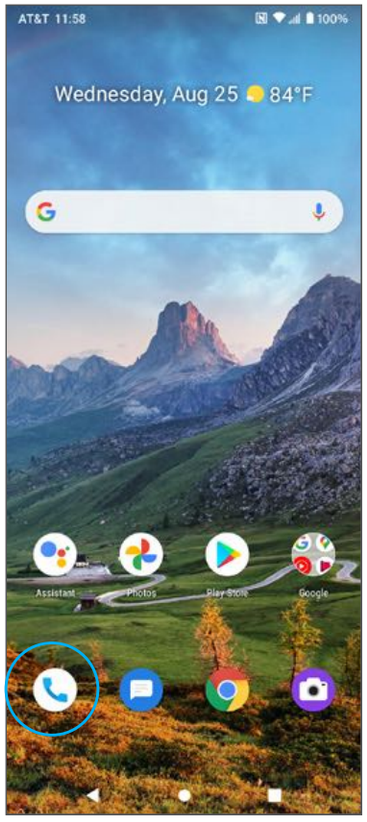
The topics in this section will explain how to help you make connections, from phone calls and maintaining contacts, to text messages, email, Internet, and international services.

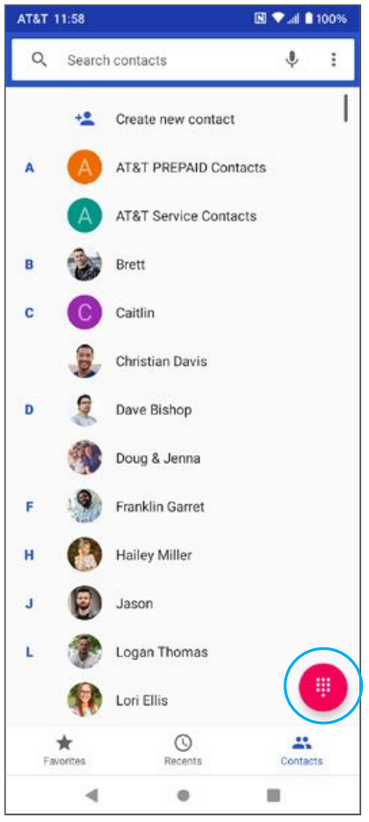
Phone

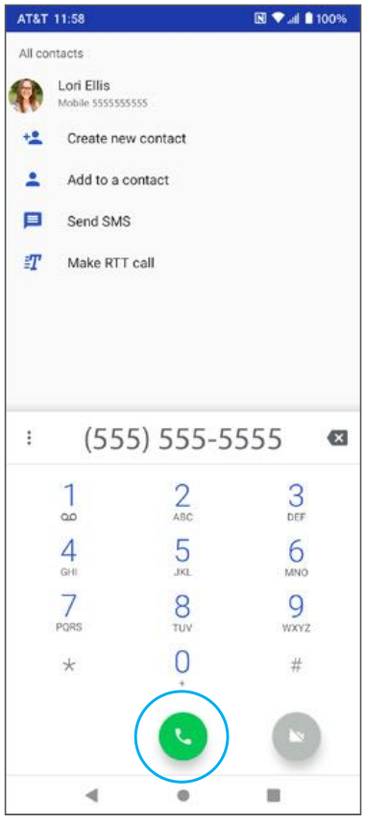
Make a call

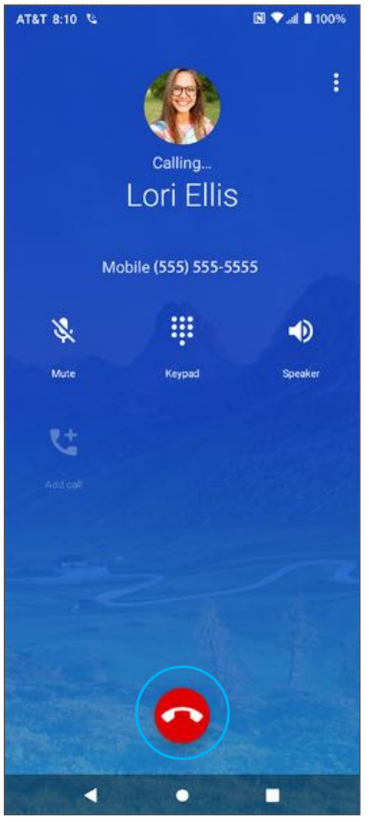
From the Home screen, tap **Phone** .

- Make a call by selecting one of the following options:
  - Tap the **Keypad** , enter a phone number and tap **Call** .
  - Choose a recently called contact in **Recents** .
  - Choose a saved contact in **Contacts** .
  - Choose a favorite contact in **Favorites** .
- During a call, you can tap at the bottom of the screen to hang up.
- Calls can also be made from other apps that contain your contact information. Simply tap the phone number to make a call.





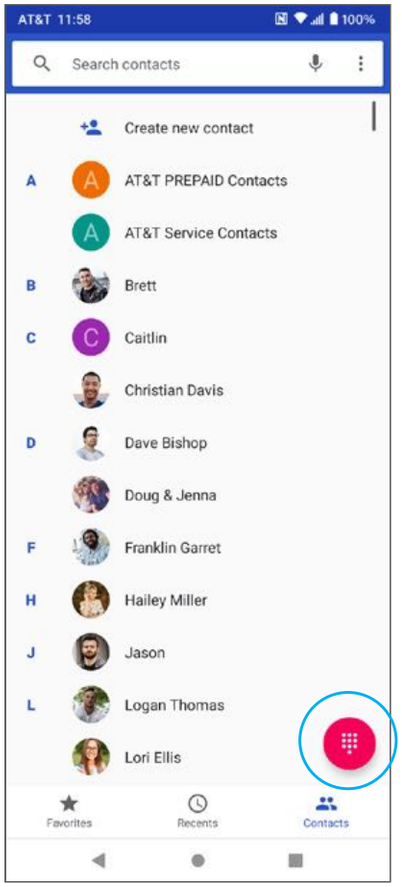


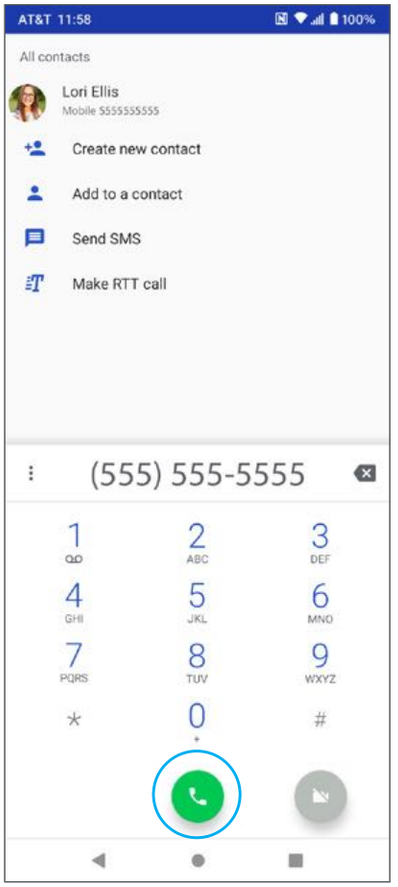


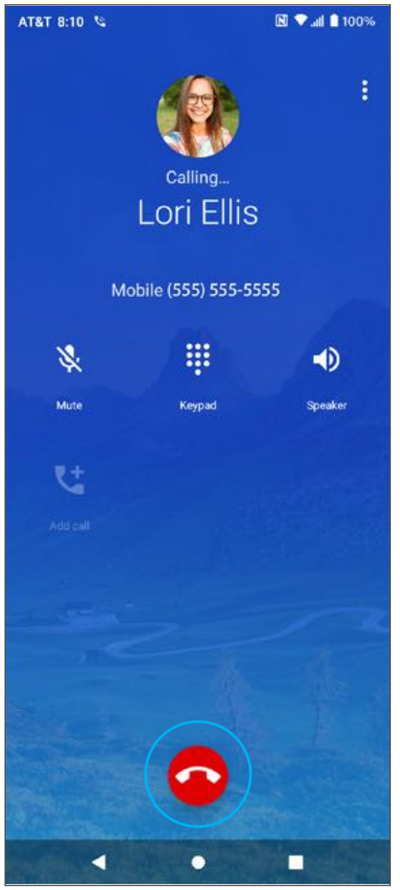
Make a call with Wi-Fi Calling

1. From the Home screen, tap **Phone** .
2. If the keypad does not appear on the screen, tap to open it. Enter a phone number in the keypad to make a call.
3. Tap to make the call.
4. During a call, you can tap at the bottom of the screen to hang up.

- Calls can also be made from other apps that contain your contact information by simply tapping the phone number.



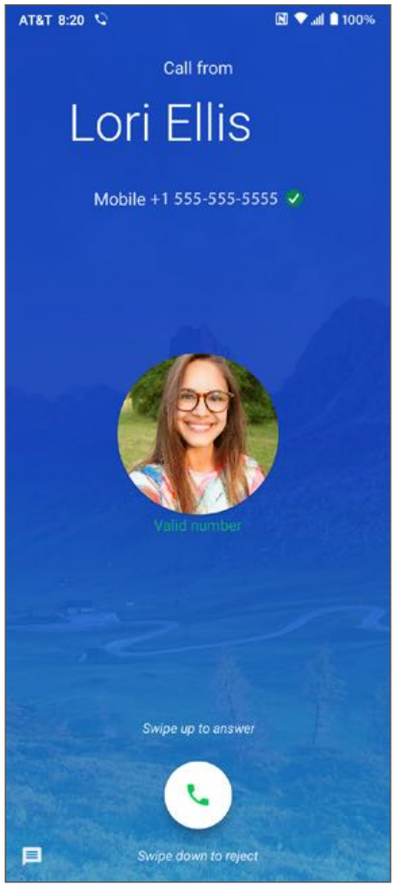




Note: You must have an active Wi-Fi connection to send or receive calls and messages with Wi-Fi Calling. Wi-Fi Calling service must be activated on the device before it can be used.

Receive a call

The Incoming Call screen is displayed when a call is received, along with the caller's numbers and other information you've entered for that contact. When you receive a phone call from someone who is not stored in Contacts, only the default caller ID icon and phone number appear on the Incoming Call screen.

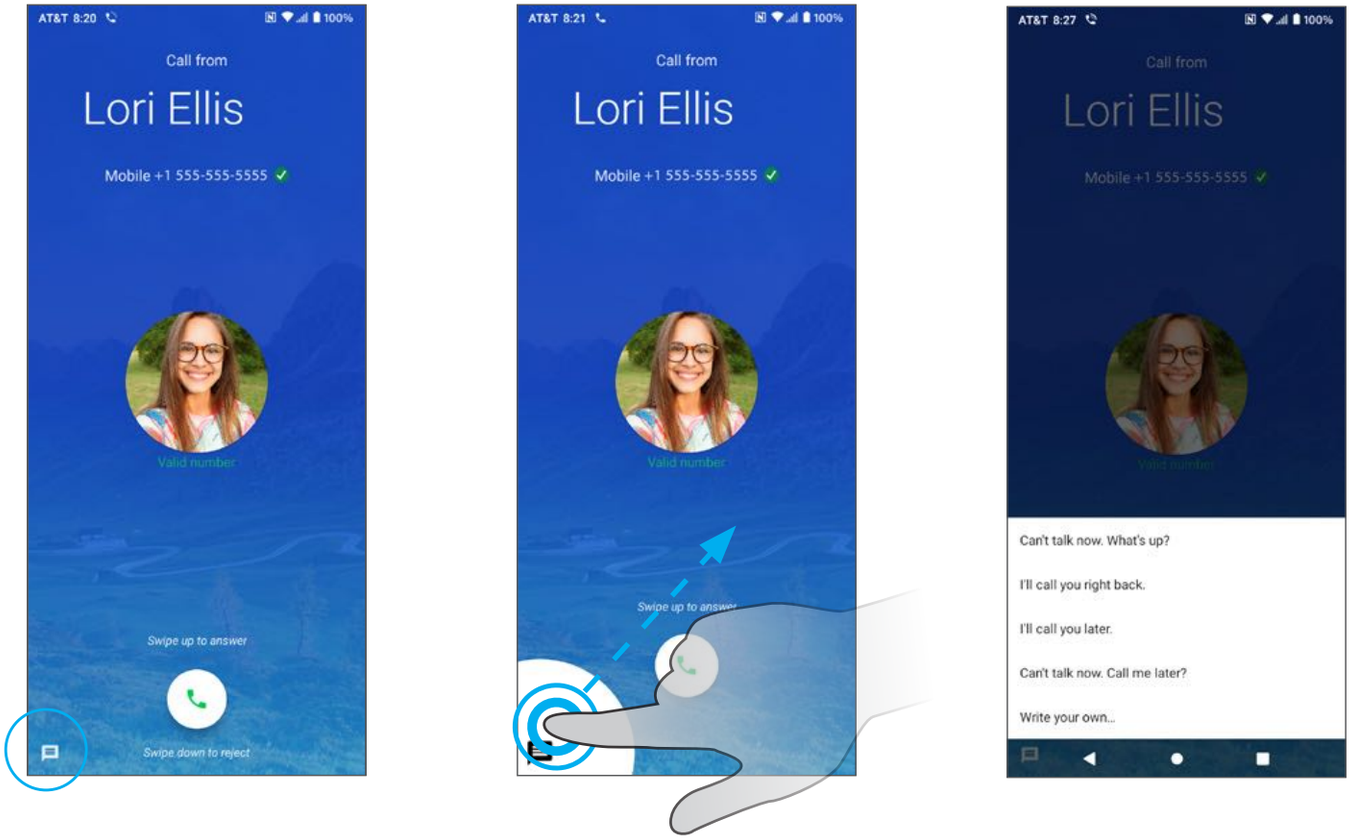


- To answer a call, swipe up .
- To reject a call, swipe down .
- Rejected calls will be sent to voicemail.
- Press any side key to mute the ringer.
- Any missed calls are logged in **Recents** .

Reject a call and send a text message

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

1. When a call arrives, hold and swipe up from the bottom left corner of the screen. The ringtone or vibration will stop, and you will see a list of quick preset responses.



2. Tap one of the messages or write your own to send to the caller.

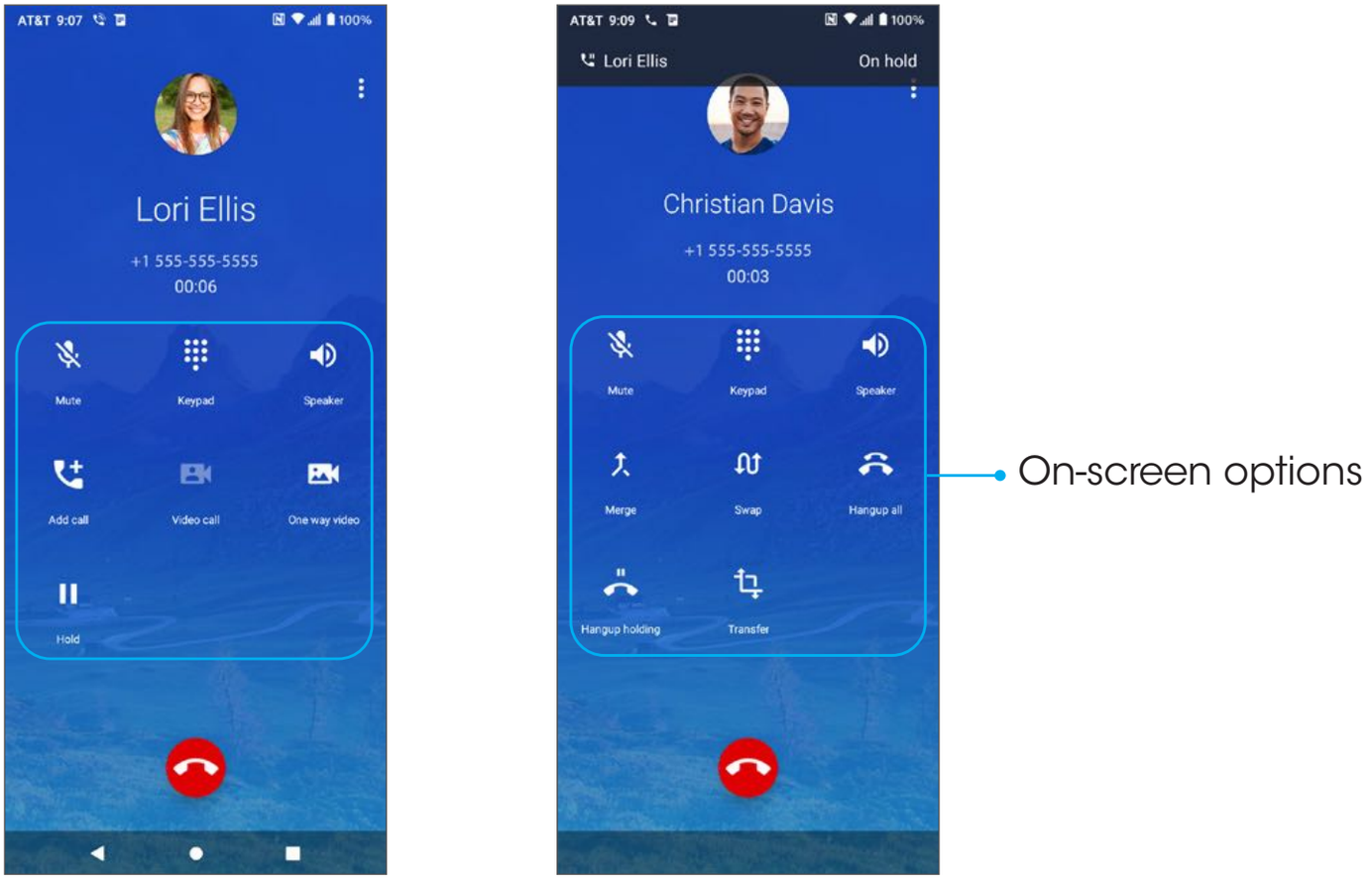
You can edit the preset quick responses from the Call Settings menu. From the Phone app, tap **Menu** > **Settings** > **Quick responses**. Tap a message to edit or create your own quick response.

In-call screen layout and operations

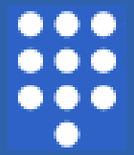
While you're on a call, you will see a number of on-screen options.

In-call screen layout

Tap the on-screen options to activate them during a call.



On-screen options

Item		Description
	Overflow Menu	Tap and select **Switch to RTT** to send the caller a Real-time text during a call.
	Speaker	Tap to turn the speakerphone on or off. **Warning:** Because of higher volume levels, do not place the phone near your ear during speakerphone use.
	Mute	Mute the microphone during an active call. Tap again to unmute the microphone.
	**Keypad**	Tap to show the on-screen keypad. Use the keypad to enter additional numbers, for example, an extension or access code.
	Hold	Tap to hold the current call.
	Add call	Tap to initiate a 3-way conference call.
	End call	End the current call.
	Merge	Join two currently active calls (conference).

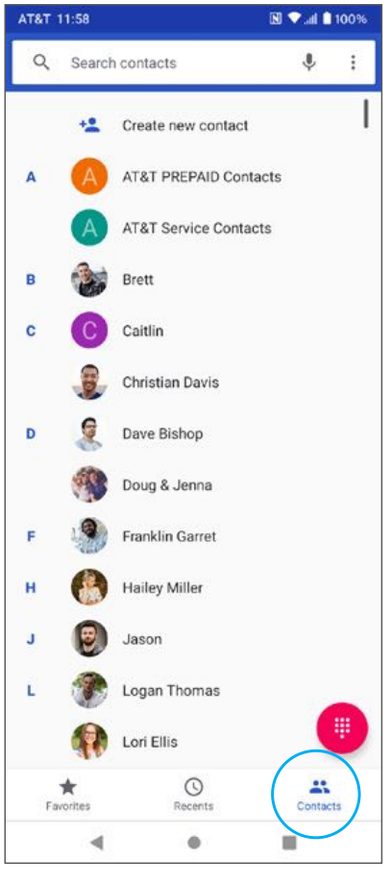
	Swap	Swap the calls.
	Bluetooth	Route the phone's audio through a connected Bluetooth headset. • When the call is routed to a Bluetooth headset, the current call area shows the Bluetooth call icon ( ). **Note:** The Headset button is activated to show the current call is routed to the connected Bluetooth headset. • To route the current call back to the phone, tap **Phone** to temporarily use the phone. Tap the Bluetooth headset name to route the call back to the connected Bluetooth headset. • When Bluetooth or the Bluetooth headset is turned off, the call will be routed through either the receiver or speaker.
	Video call	Tap to initiate a two way video call.
	One way video	Tap to initiate a one way video call.
	Transfer	Transfer a call to a different number.

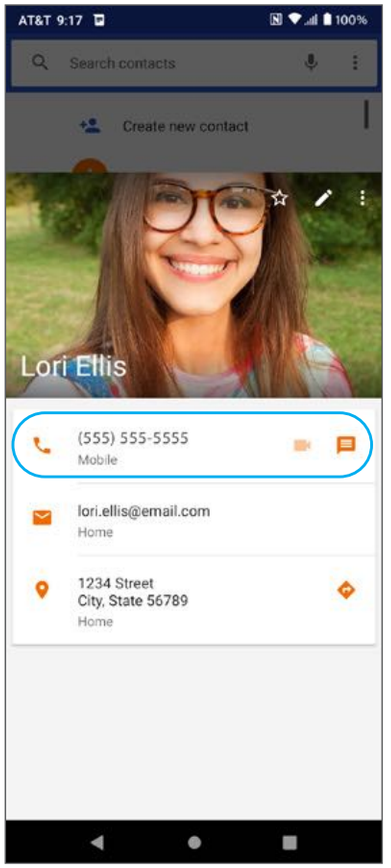
	Start recording	Tap to start a recording of the call.
	Hangup holding	Hang up on calls that are on hold.
	Hangup all	Hang up all active calls.

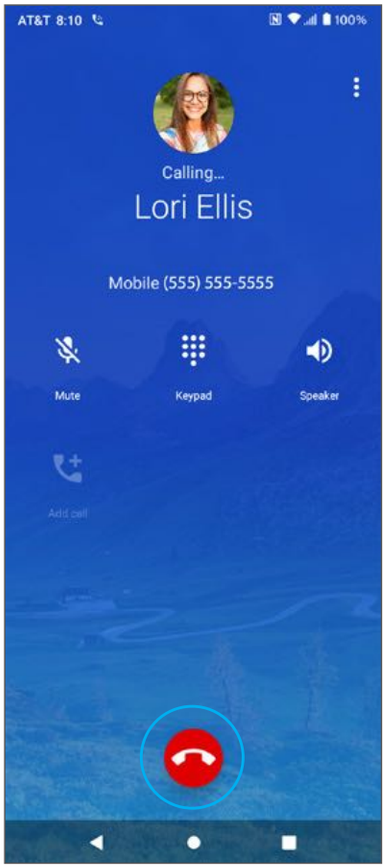
Place a call from Contacts

You can place phone calls directly from your Contacts list.

1. From the Home screen, tap **Phone** .
2. Tap **Contacts** to display the Contacts list.
3. Tap a contact.
4. Tap a contact's number to place a call.
5. To end the call, tap .



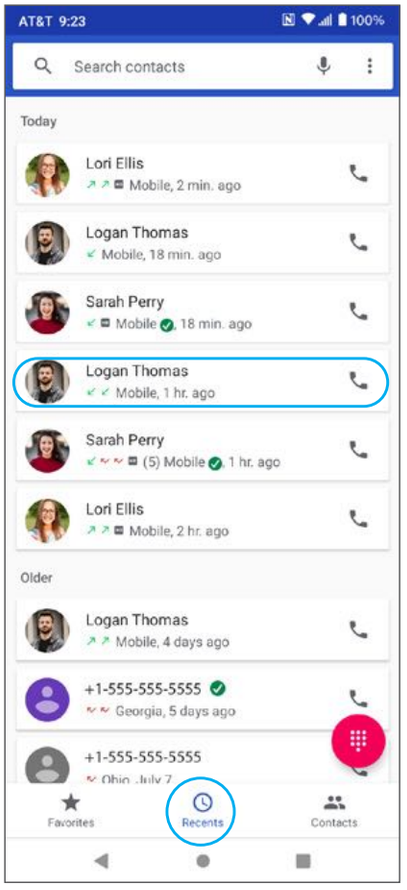


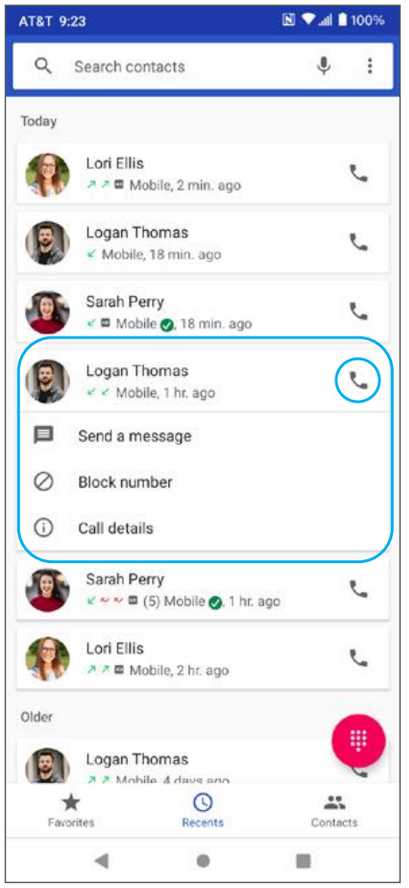


Call from Recents

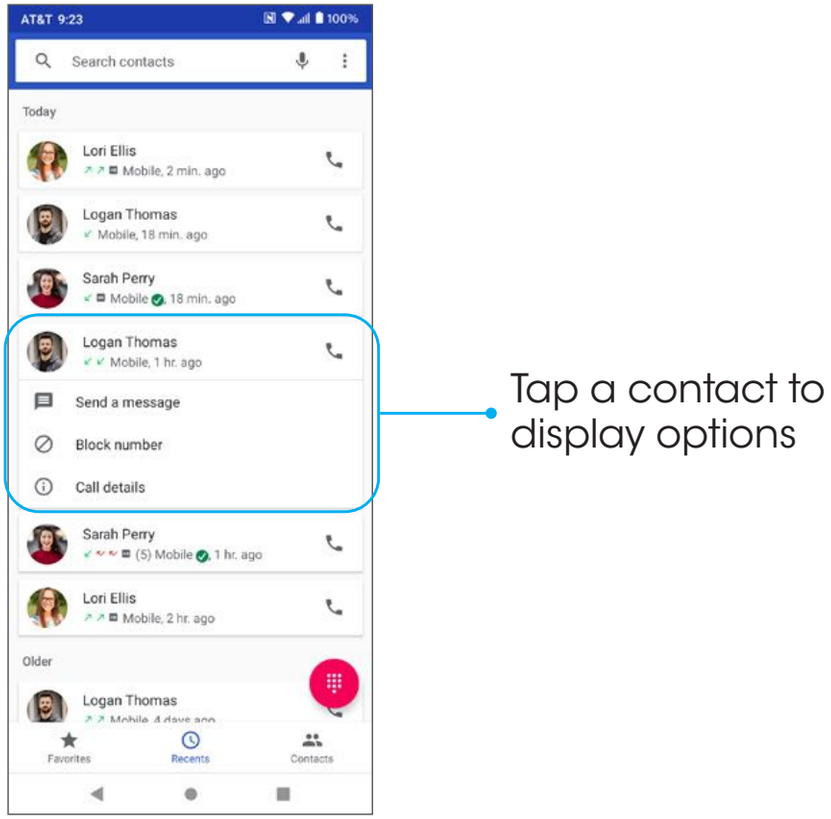
The Recents list allows you to view recently received, placed, or missed calls.

1. From the Home screen, tap **Phone** .
2. Tap **Recents** to display the Call Log.
3. Tap a recent call to display a list of options.
4. Tap to place a call.





- You can tap a contact in the Call Log to display more options.
  - **Call:** Make a call to the selected contact number.
  - **Send a message:** Send a text message to the contact/number.
  - **Block number:** Block the selected number from future contact.
  - **Call details:** View detailed call information.



Call settings

Configure your voicemail options and a number of other settings for your calls.

Call settings options

1. From the Home screen, tap **Phone** .
2. Tap **Menu** > **Settings**.
3. Configure your phone settings.

Call settings options

Setting	Description
Wi-Fi Calling	Turn Wi-Fi Calling on or off.
Display options	Choose how to sort and display your contacts.
Sounds and vibration	Adjust call and ringtone volume, change your alert tones, activate Do Not Disturb, and more.
Quick responses	Edit or create quick response text messages. See *"Reject a call and send a text message" on page 62* for more information.
Calls	Set Fixed Dialing Numbers, call forwarding, call barring, and more.
Blocked numbers	Manage numbers and contacts you have blocked.
Voicemail	Set up voicemail, manage notifications, and more.
Accessibility	Configure RTT settings, enable or disable hearing aid compatibility, and enable or disable noise reduction.
About	View more information about your phone.

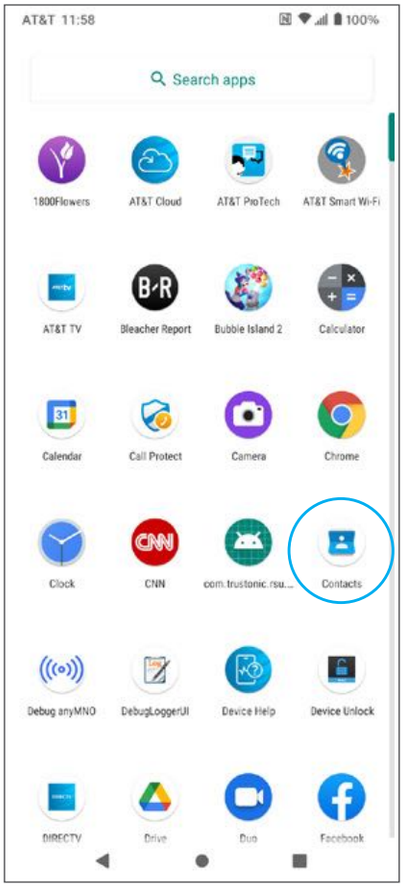
Contacts

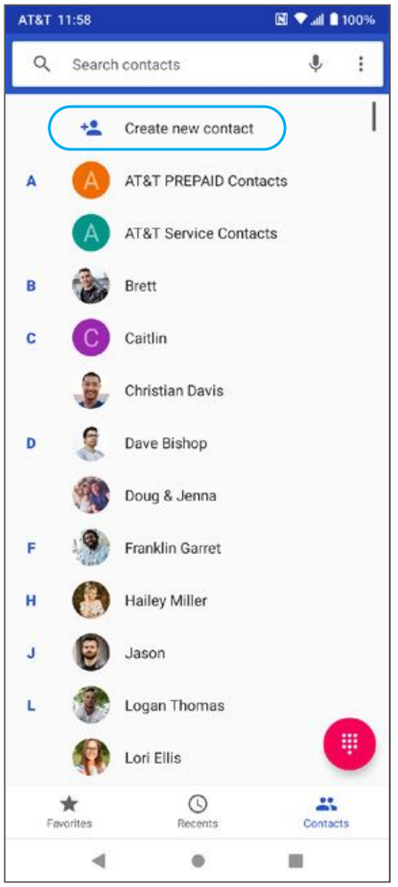
Add a contact

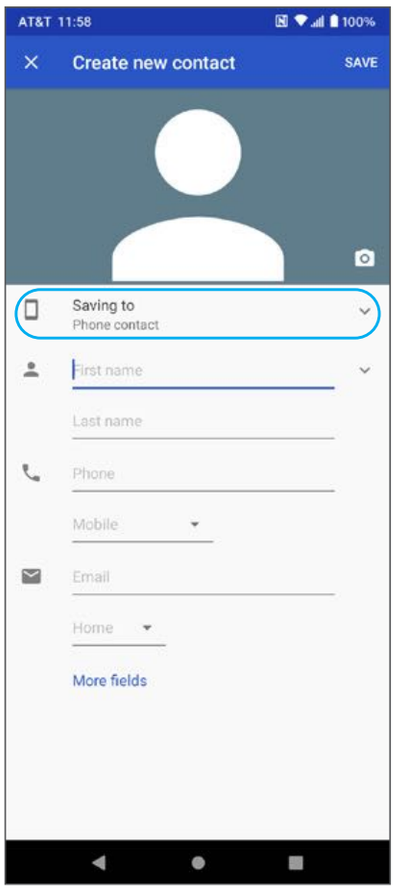
You can add contacts from the Phone app. Enter details such as name, phone numbers, email addresses, mailing addresses, and more.

1. From the Home screen, swipe up and tap **Contacts** .

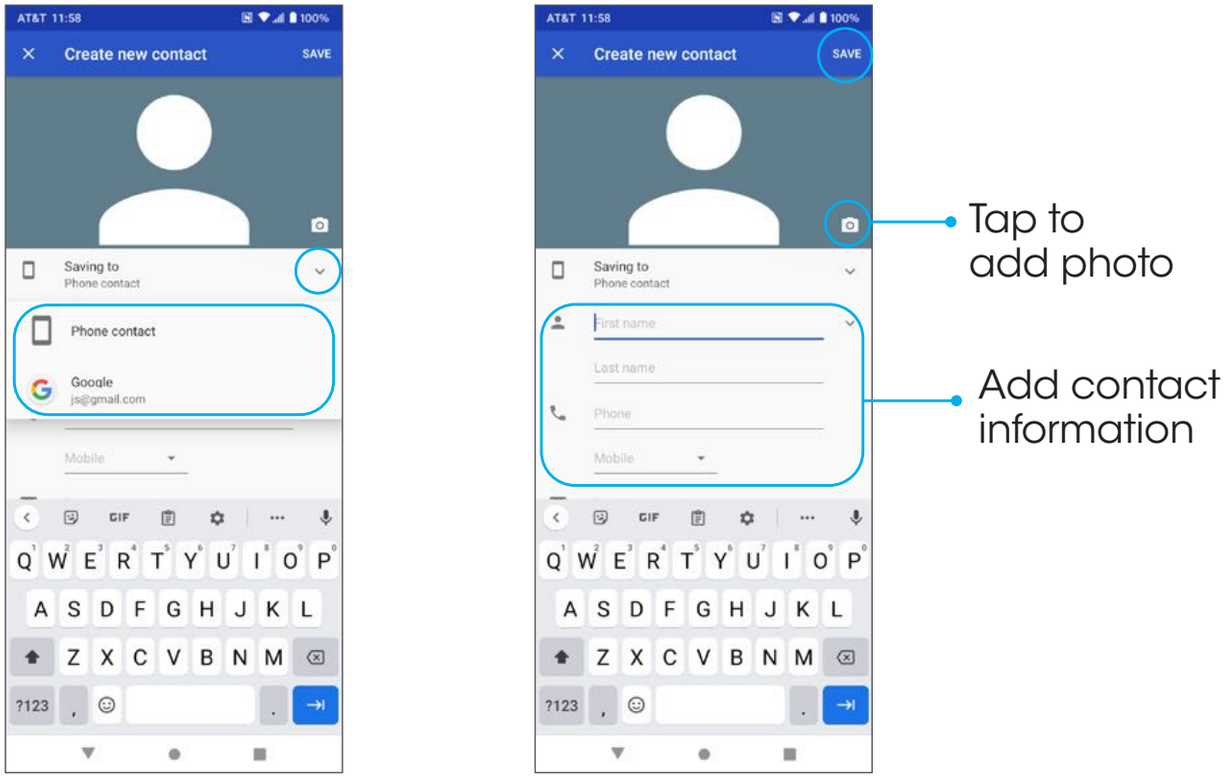
2. Tap **Create new contact** to add a contact.







3. If you have multiple accounts on your phone, select where you want to save the contact.
   - Select **Device** to save your contact on your phone only; they will not be synced with your Google account.
   - Select an account such as Google to save the contact to that account. These will be synced automatically with your account.
   - Select your SIM card or SD card name to save the contact to your SIM card or SD card. Your contact will be available on any phone your SIM card or SD card is mounted in.



4. Use the keyboard to enter information.

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

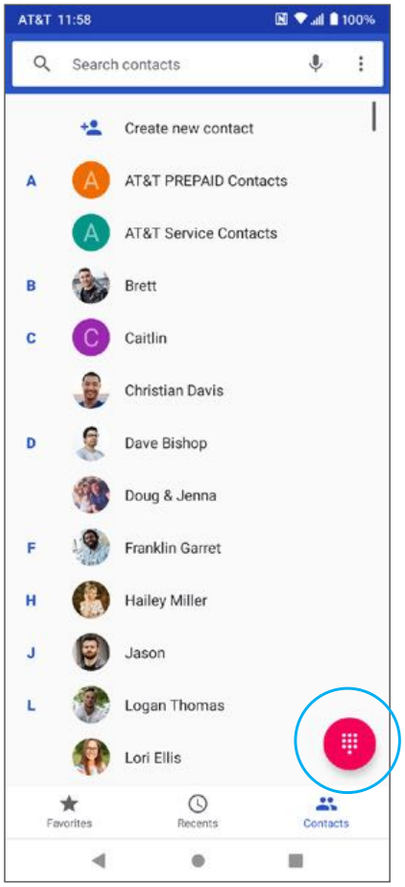
5. When you are finished, tap **SAVE** to save the contact.

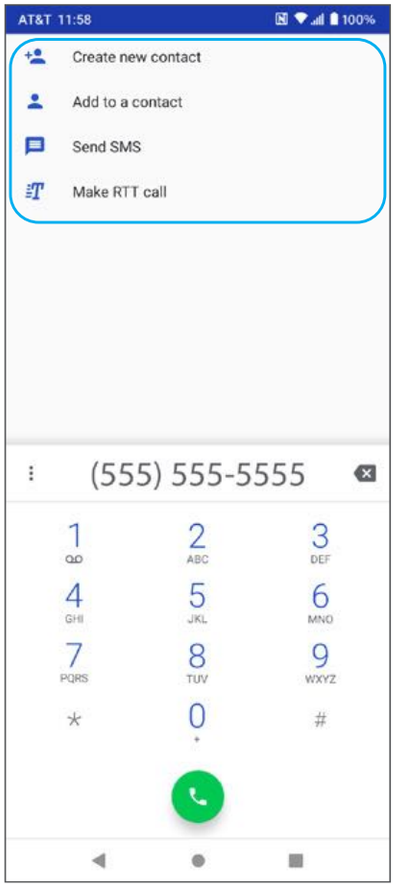
Save a phone number

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

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

2. Enter a phone number and tap **Create new contact** to add a new contact or tap **Add to a contact** to add the number to an existing contact.





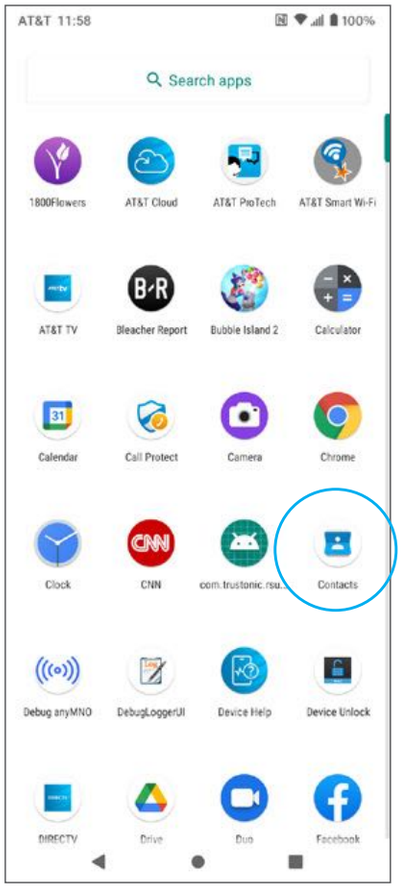
3. To add the number to an existing contact, tap the contact you want to update and add the number to the desired field. To add a new contact, enter the name and any additional information.

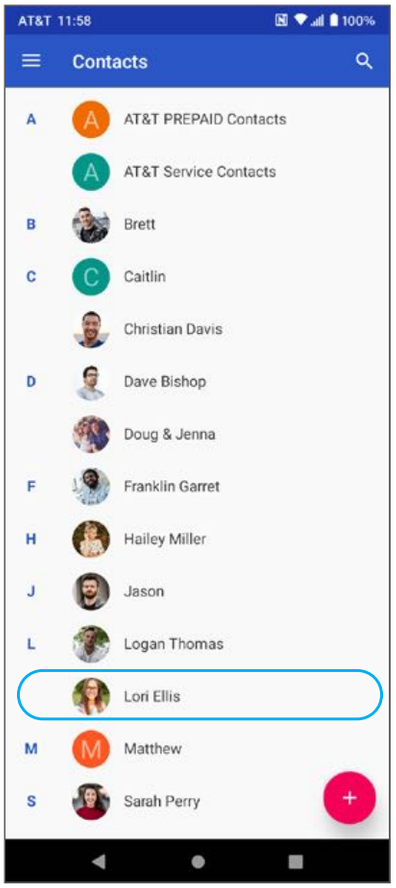
4. Tap **SAVE** to save.

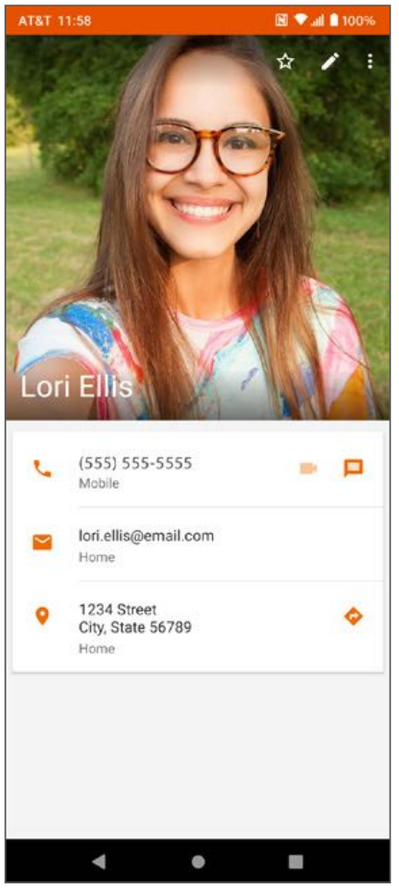
View contacts

View a contact's details.

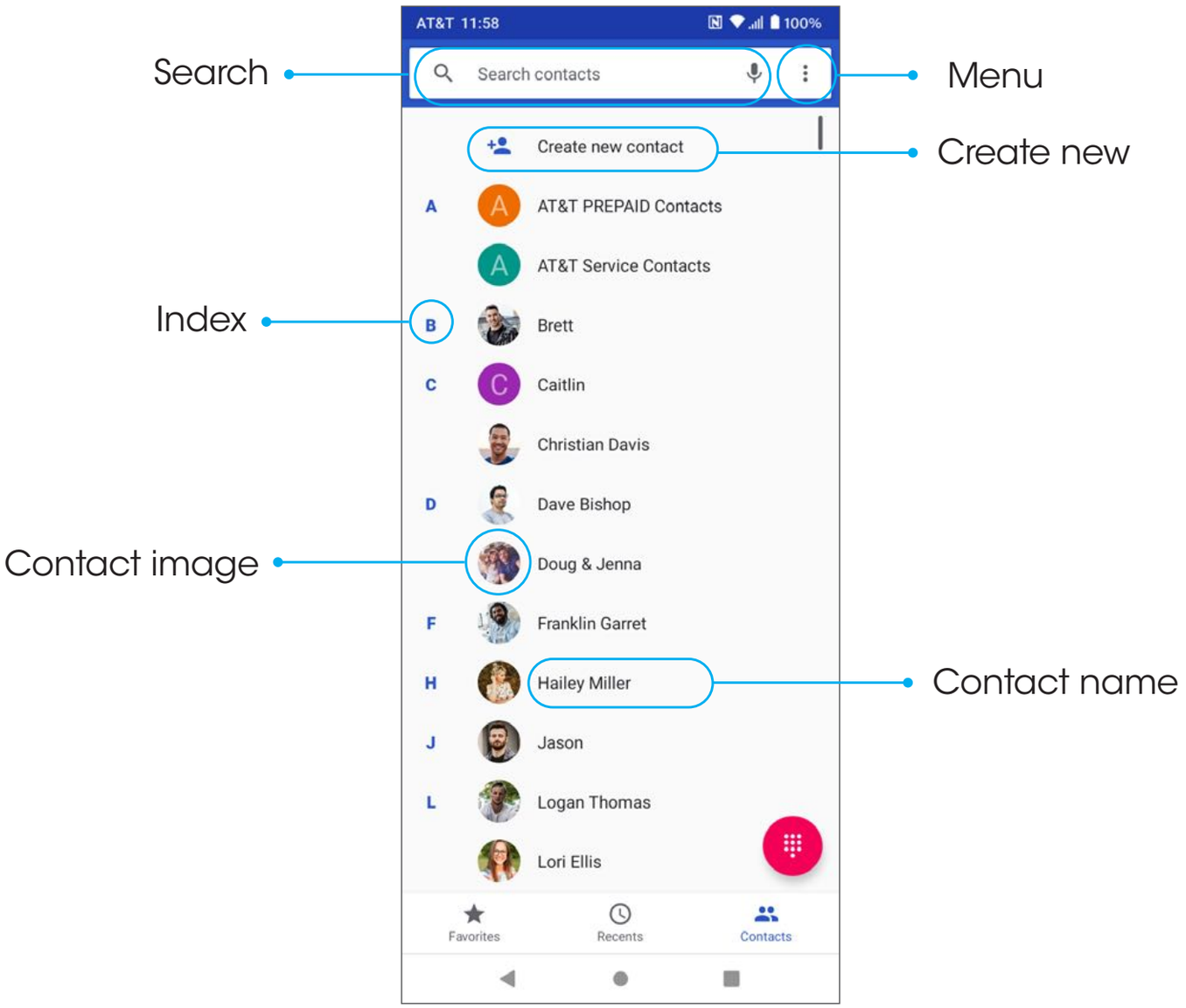
1. From the Home screen, swipe up and tap **Contacts** .
2. Tap a contact to view their details.







Contacts screen layout



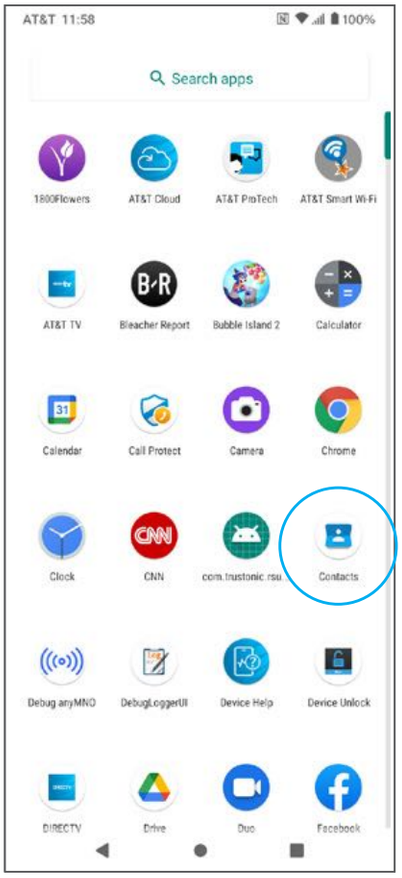
Contacts screen options

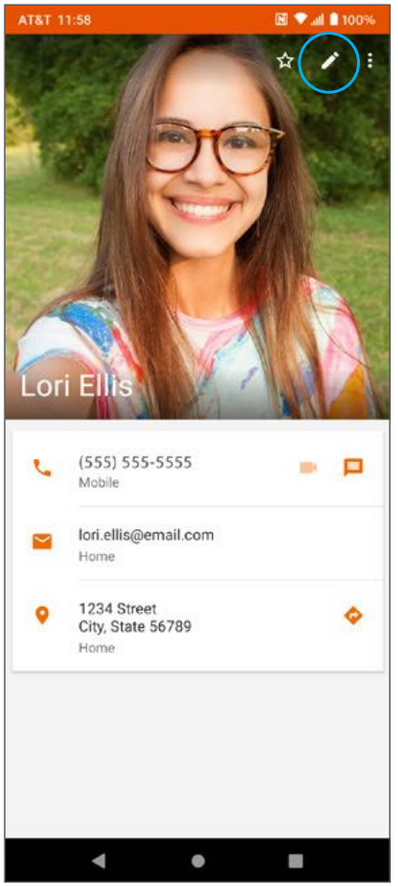
Item	Description
Create new contact	Add a new contact.
Contact	Tap to show contact's details, place a call, send a message, and more.
Index	Browse contacts alphabetically.
Menu	View your contacts by labels or accounts, and adjust settings.
Search	Search contacts.

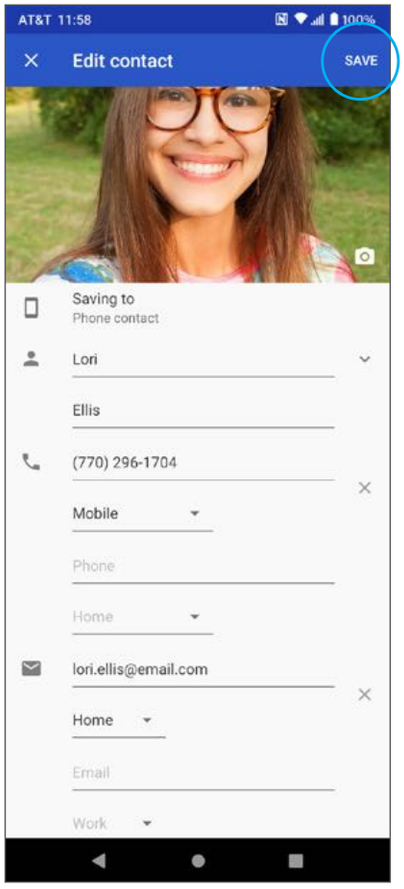
Edit a contact

Add or edit a contact's information, assign a photo, customize with a unique ringtone, and more.

1. From the Home screen, swipe up and tap **Contacts** .
2. Tap a contact to view their details.
3. Tap **Edit** .







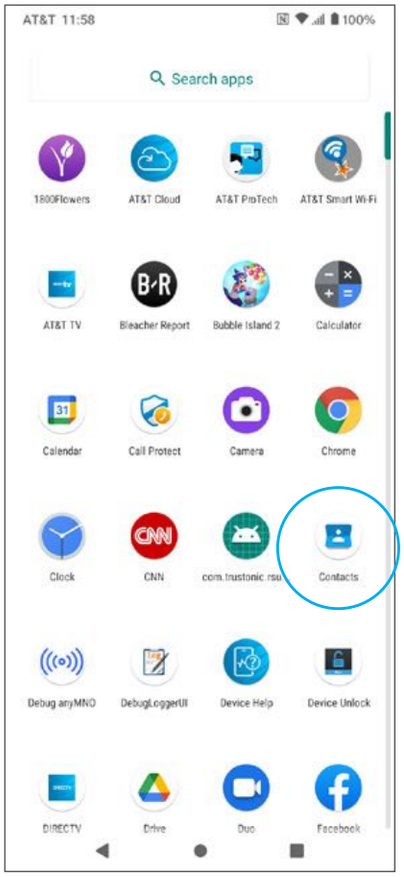
4. Tap the field you want to change or add.
5. Add or edit the information, and then tap **SAVE** to save.

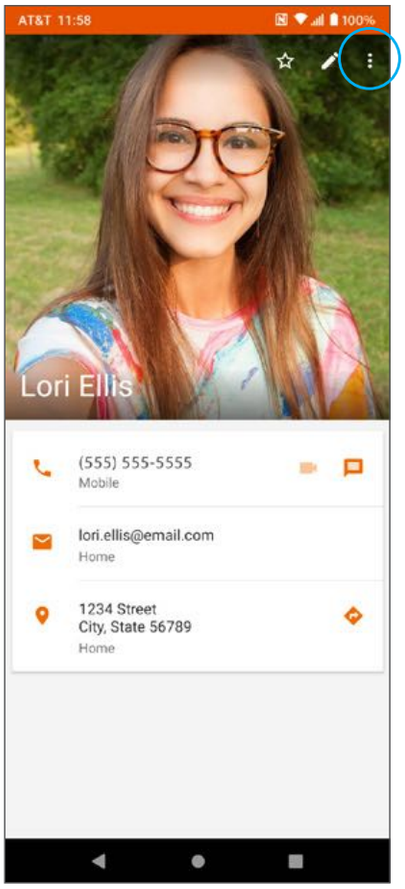
Note: To select a category for a phone number, email address, or postal address (such as Mobile, Home, Work, etc.), tap the arrow near the field.

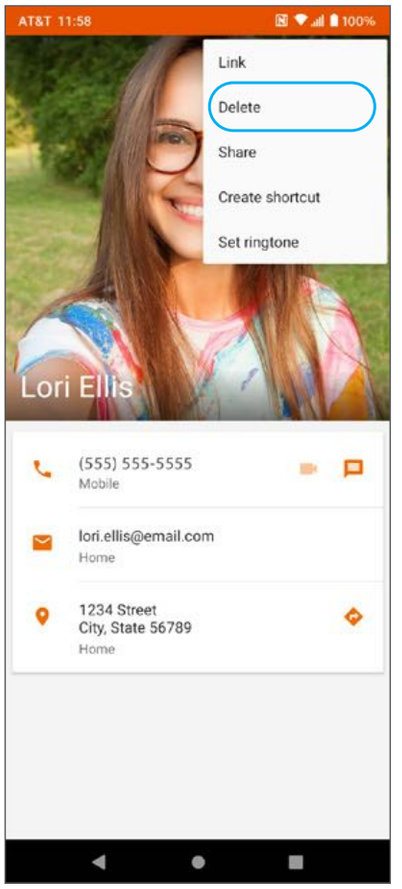
Delete a contact

You can delete a contact from the contacts details page.

1. From the Home screen, swipe up and tap **Contacts** .
2. Tap a contact to view its details.
3. Tap **Menu** > **Delete**.





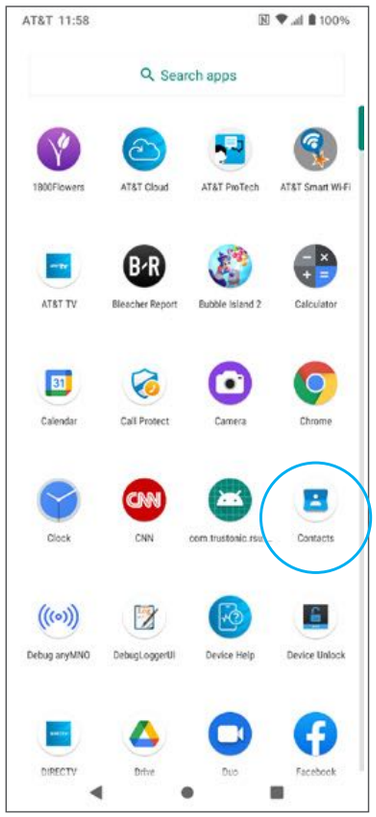


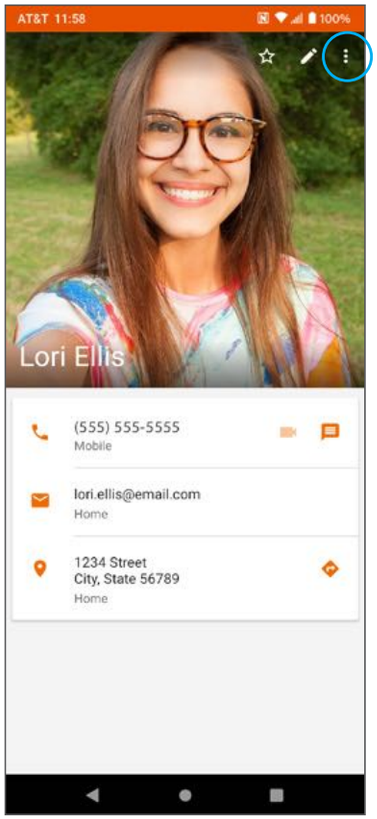
4. Tap **DELETE**.

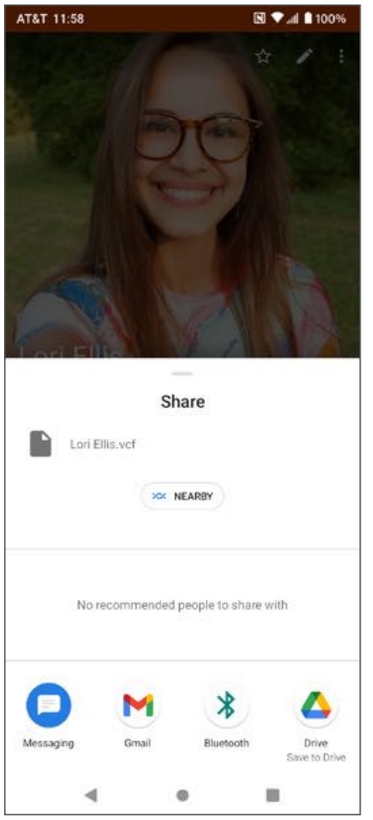
Share a contact

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

1. From the Home screen, swipe up and tap **Contacts** .
2. Tap a contact, tap **Menu** and tap **Share**.
3. Select how you'd like to share the contact information card (vCard).







- **Gmail:** Send the vCard as a Gmail attachment. See *"Create and send an email message" on page 85* for more information on sending emails.
- **Messaging:** Send the vCard in a text message. You can send the information in an existing conversation thread, or create a message for a new conversation thread. See *"Send a multimedia message (MMS)" on page 81* for more information about sending messages.
- **Bluetooth:** Send the vCard via Bluetooth. See *"Bluetooth" on page 95* for information on pairing and sending via Bluetooth.

Messaging

Send instant messages, media, and more with text and multimedia messaging.

Text and multimedia messages

- With text messaging (SMS), you can send and receive instant text messages.
- Multimedia messages (MMS) can contain text, photos, audio and video files, contact information cards (vCard), and more.

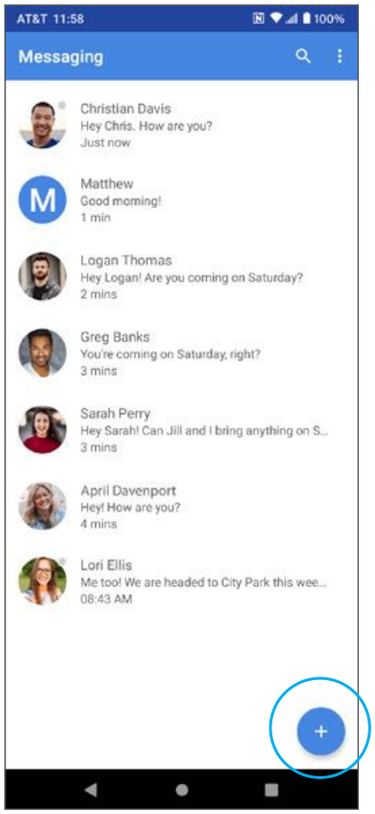
Note: See your service plan for applicable charges for messaging.

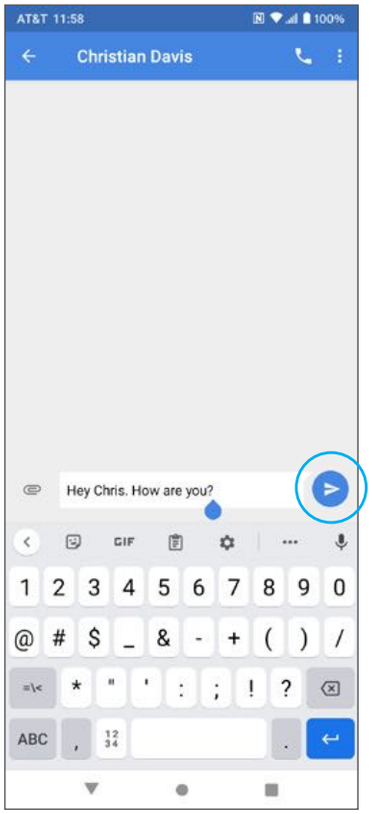
Send a text message (SMS)

1. From the Home screen, tap **Messaging** .
2. Tap **Compose** .
3. Enter a contact name or mobile number in the **To** field.

- Enter phone numbers, contact names, or email addresses directly in the **To** field. If you're sending the message to several contacts, separate the phone numbers with a comma. As you enter information, any matching phone numbers from your Contacts list are displayed. Tap the matching contact to add them as a recipient.
- Scroll to find and select the contacts to whom you want to send the message. You can also select Contact Groups as recipients.

4. Tap the text box and compose your message.





Note: Messages exceeding a limited amount of characters will be delivered as one message but may incur additional charges. A counter appears below **Send** to tell you how many characters you have entered and how many characters are left.

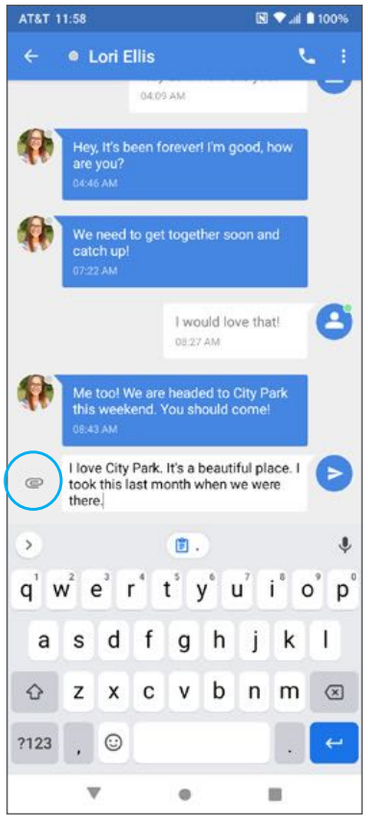
5. When done, tap **Send** to send the text message.

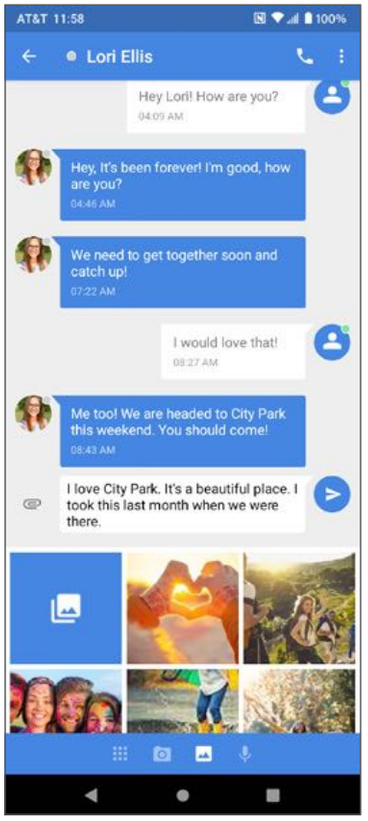
Note: Your text message automatically becomes a multimedia message if you enter an email address as the recipient, attach an item, or compose a very long message.

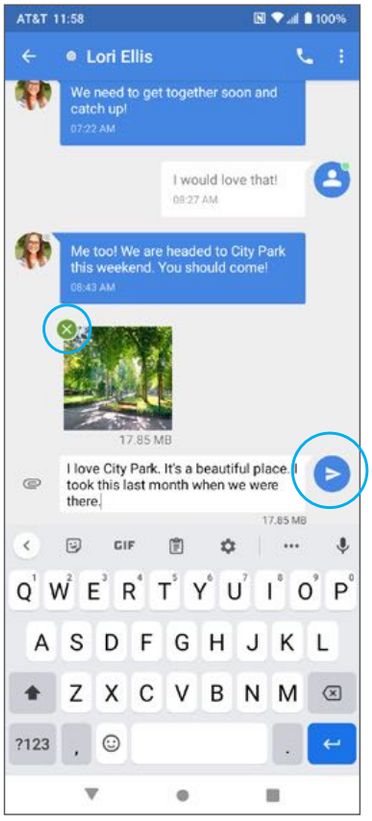
Send a multimedia message (MMS)

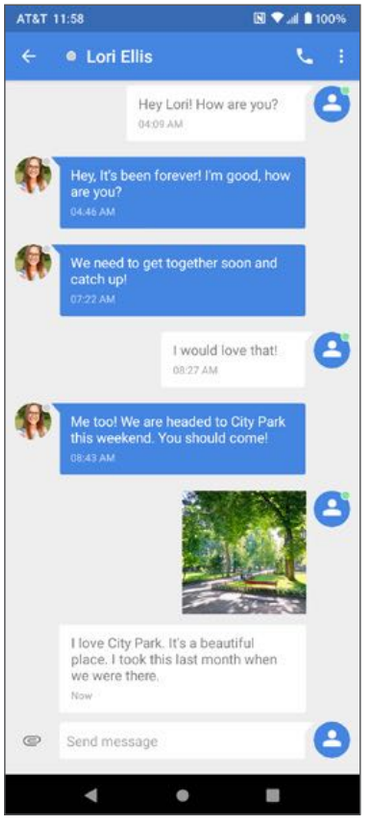
1. From the Home screen, tap **Messaging** .

2. Tap **Compose** .









3. Fill in one or more recipients. See *"Send a text message (SMS)" on page 80* for more information on entering recipients.
4. Tap the text box to compose your message.
5. Tap **Add** to the left side of the text box.
6. Select a multimedia item to attach to your message:
   - **Camera** : Take a photo or record a video.
   - **Photos** : Select a saved photo or video.
   - **Recording** : Record and send a voice recording.

Note: Attachment options may vary.

7. After adding an attachment, you can tap to view it, and tap to delete the attachment.
8. Tap **Send** to send the MMS message.

Text and MMS options

1. From the Home screen, tap **Messaging** .
2. Tap **Menu** > **Settings**. You can set the following:
   - **Outgoing message sounds:** Enable or disable sounds when sending messages.
   - **Notifications:** Enable or disable notification icons when messages are received. Under the **Notifications** category you can set the following:
     - **Alerting:** Enable or disable sound or vibration alerts on your device by toggling between **Alerting** or **Silent**.
     - **Pop on screen:** Enable or disable the notifications banner across the top of the screen when the device is unlocked.
     - **Advanced:**
       - **Sound:** Choose your messaging audio alert. This can only be accessed when **Notifications** are enabled.
       - **Vibrate:** Enable or disable vibration when receiving messages. This can only be accessed when **Notifications** are enabled.
       - **Override Do Not Disturb:** Enable or disable the ability of notifications to interrupt when Do Not Disturb is on.
   - **Wireless Emergency Alerts:** View current and past emergency alerts.
   - **Message History:** Enable or disable automatic message deletion. This feature automatically deletes messages older than 30 days, 90 days or up to 1 year to save storage space. Enable this feature to adjust the amount of time messages will be kept before being automatically deleted.
   - **Advanced Messaging:** Enable or disable Advanced Messaging which is the ability to share large files, get read receipts, and see when someone is replying to a message.

- **Share read status:** Enable this feature to allow others to see when you have read their message.
- **Typing Indicator:** Enable this feature to show your typing status when sending a message.
- **Send images in:** Tap to select your default image size when sending a photo through **Messaging**.
- **Send videos in:** Tap to select your default video size when sending a video through **Messaging**.

- **SIM card Information:**
  - **Advanced:**
    - **Group massaging:** Send a single MMS to all recipients.
    - **Your phone number:** View your phone number.
    - **Auto-retrieve:** Enable or disable the ability to automatically retrieve and download incoming MMS messages.
    - **Advanced:**
      - **Wireless emergency alerts:** View current emergency alerts and emergency alert history.
      - **Access Point Names:** Tap to view and manage (APN) Access Point Names.
      - **Manage SIM card messages:** Tap to view and manage SIM card messages.
      - **About:** Tap to view Client Name, Supplier and Source.

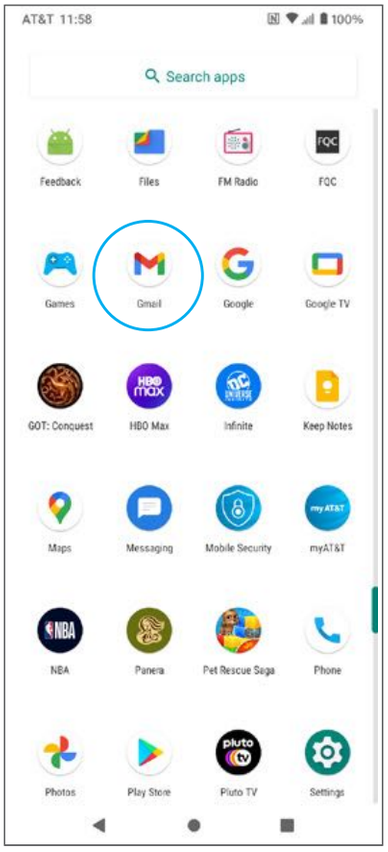
Gmail

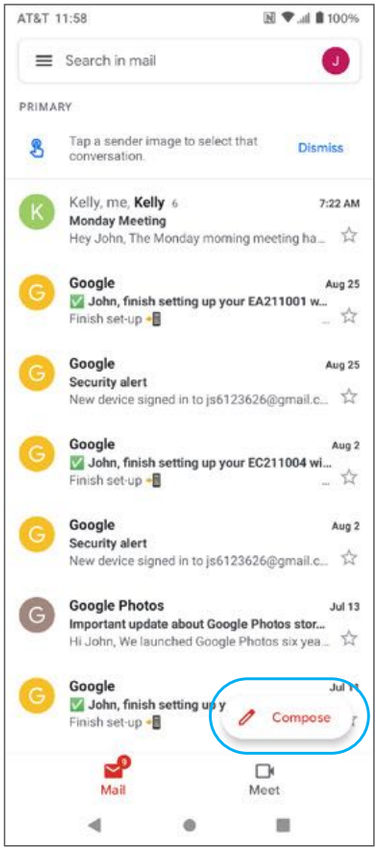
Use Gmail to send, receive, and manage your email messages. Before using Gmail, you must sign into your Google account on your phone. See *"Google account" on page 41* for details on signing in or creating an account.

Note: You can use the Gmail app to manage email for other accounts, such as Yahoo!, Hotmail, Outlook, and more.

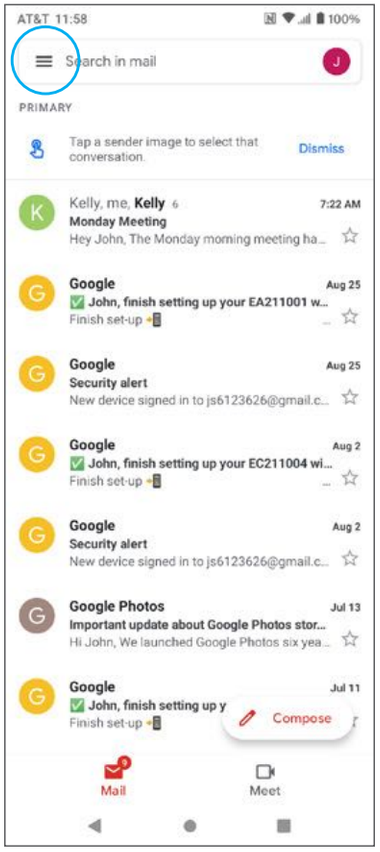
Create and send an email message

1. From the Home screen, swipe up to access **Apps** and tap **Gmail** .
2. From the inbox, tap Compose to compose a new email message.
3. Enter the message recipient(s), subject, and message, and then tap **Send** .





Email composition options



- **Add Cc/Bcc recipients:** In the mail composition window, tap ⌄ in the **To** bar to add Cc/Bcc recipients.
- **Attach photos or videos:** In the mail composition window, tap 📎 > **Attach file**. Tap the file you want to attach.
- **Save as a draft (Send later):** While composing your message, tap **Menu** ⋮ > **Save draft**, or press the **Back** button ◀ to save as a draft.
- **Delete mail being composed:** While composing your message, tap **Menu** ⋮ > **Discard**.

Note: View your drafts and sent mail from the inbox by tapping ☰ > **Drafts** or ☰ > **Sent**.

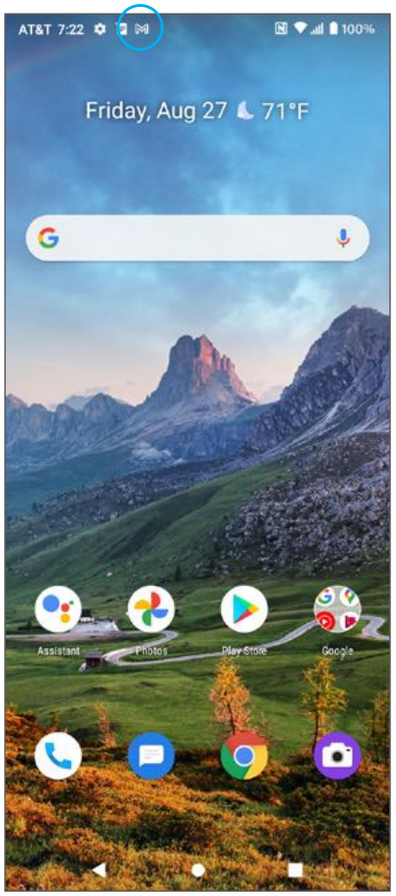
Open an email message from a notification

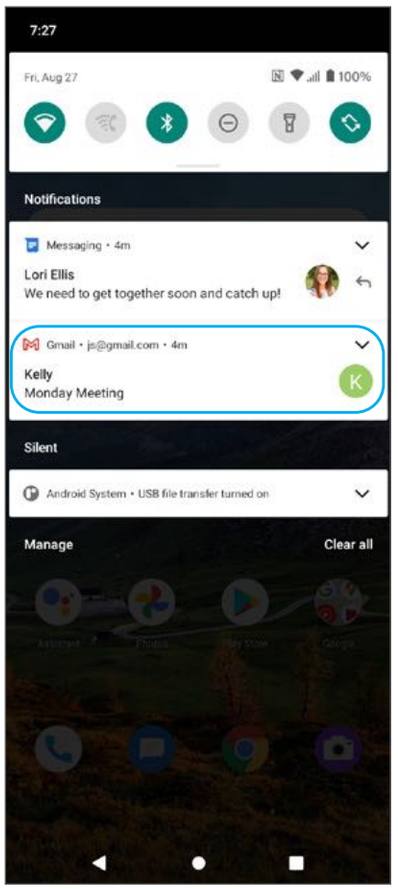
When a new email is received, you will see in the Status bar.

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

2. Tap the new message from the Notification panel.

If you have two or more new email messages, tapping the notification will open the Gmail app.

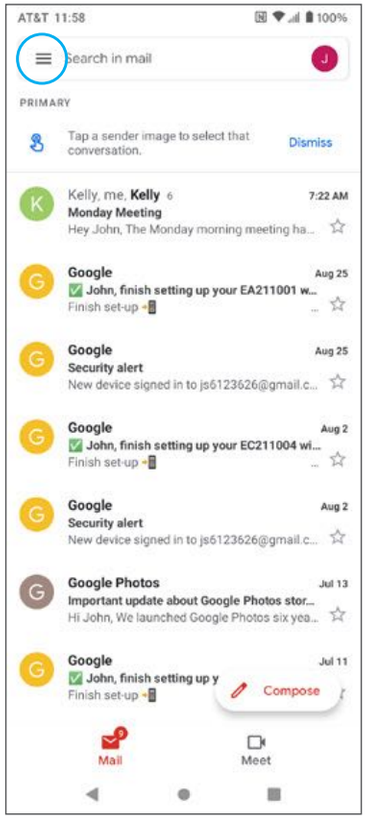


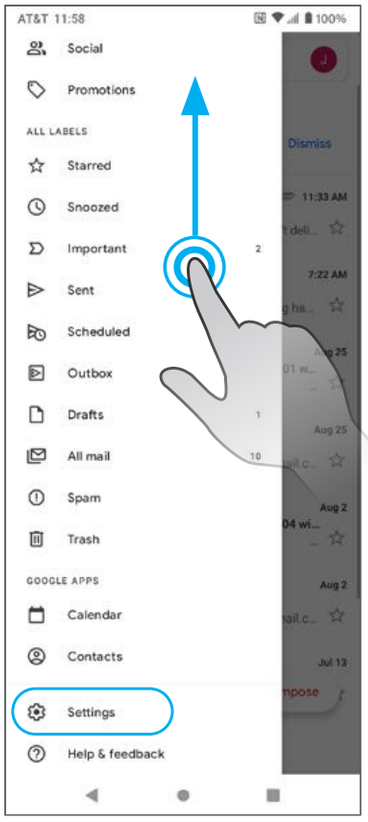


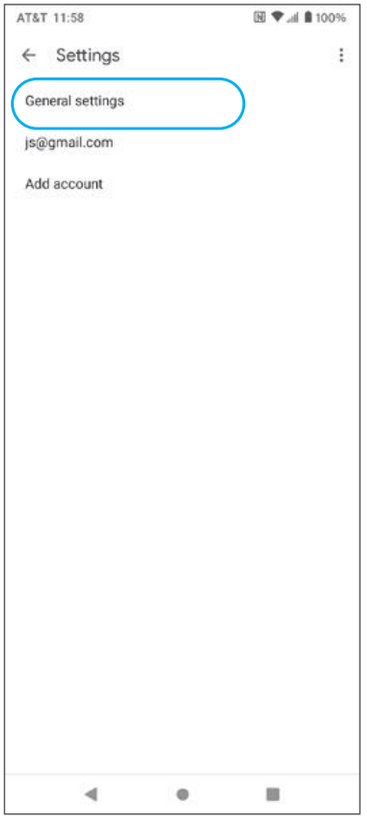
Email settings

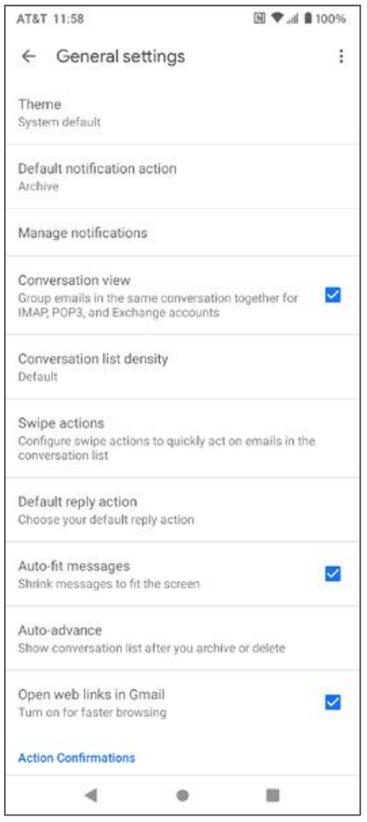
You can access settings for the Gmail app and for your individual email accounts from the Gmail Settings menu.

1. From the Home screen, swipe up to access **Apps** and tap **Gmail** .
2. Tap **Menu** > **Settings**.
3. Tap **General settings** to access settings for all accounts, or tap an account name to configure settings for a specific email account.









Note: Available settings are subject to change.

Internet and social networking

The following topics describe how to connect to and use the Internet on your phone and how to access popular social networking sites such as Facebook, Duo, and more.

Chrome browser

From the Home screen, tap **Chrome** to browse the Internet, search for information, and bookmark your favorite web pages for convenient access.

Browsing web pages

1. Tap the address field.
2. Enter a web address or a keyword to browse for web pages.

Adding a bookmark

1. Open the web page you want to bookmark.
2. Tap **Menu** > ☆.

Opening a bookmark

1. From the Chrome browser screen, tap **Menu** > **Bookmarks**.
2. Select the bookmark of the website you want to view.

Customizing browser settings

1. From the Chrome browser screen, tap **Menu** > **Settings**.
2. In the Settings list, you can select options to customize the browser.

Tip: For more information, visit: *google.com/intl/en/chrome/browser/mobile/*.

Facebook

Post updates, see what your friends are up to, upload pictures and check-ins, and more with Facebook.

Sign in to your Facebook account or create a new account

1. From the Home screen, swipe up to access **Apps** and tap **Facebook** .
2. Enter your mobile number or email and password and tap **Log In**, or tap **Create New Account** to join Facebook.
3. Once completed, your Facebook account will be added to your phone.

Use Facebook

Once you've either created an account or signed in, you can post and view updates, upload pictures, tag locations, and more, all from your phone.

1. From the Home screen, swipe up to access **Apps** and tap **Facebook** .
2. Tap **What's on your mind?** to type an update. You can also share photos and videos, start a live video, scroll through your Facebook feed, and more.

Connectivity

The following topics address your phone's connectivity options, including USB file transfer, Wi-Fi, Bluetooth, IR connectivity, and more.

Transfer files between your phone and a computer

You can use the USB cable to connect your phone directly to your computer and transfer music, photos, and other content files.

For example, if you have a music album stored on your computer that you want to transfer to your phone, you can attach your phone to the computer and copy the files to the music folder.

File transfer tips

If you want to save data to an SD card on your phone, make sure the SD card is installed and active. For more information, see *"Install a SIM/SD Card" on page 17*.

Important: Avoid removing the SD card while transferring data.

Data exchange may use the methods outlined in the following table:

Method	Description
File Transfer	Transfer files between your phone and PC such as photos, videos, and music.
USB tethering	Share an Internet connection on the phone or tablet with another device.
MIDI	Connect your device to a computer or musical device with MIDI (Musical Instrument Digital Interface).
PTP	Transfer photo and video files between your phone and PC.

Transfer files between the phone and a computer

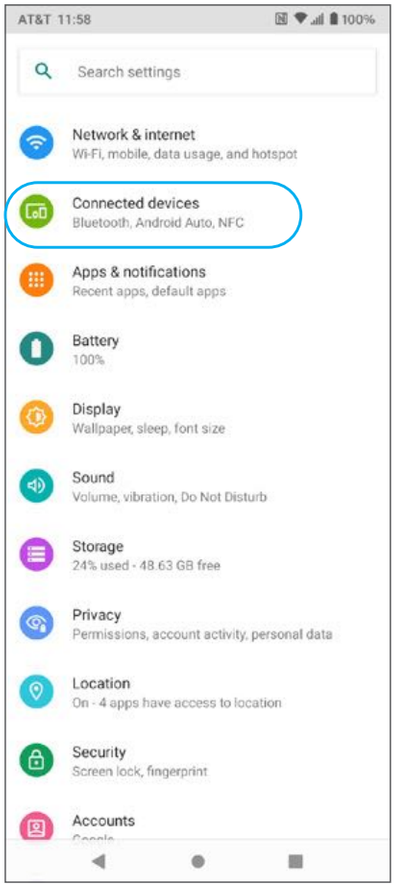
1. Connect your phone to your computer using the USB charging cable.

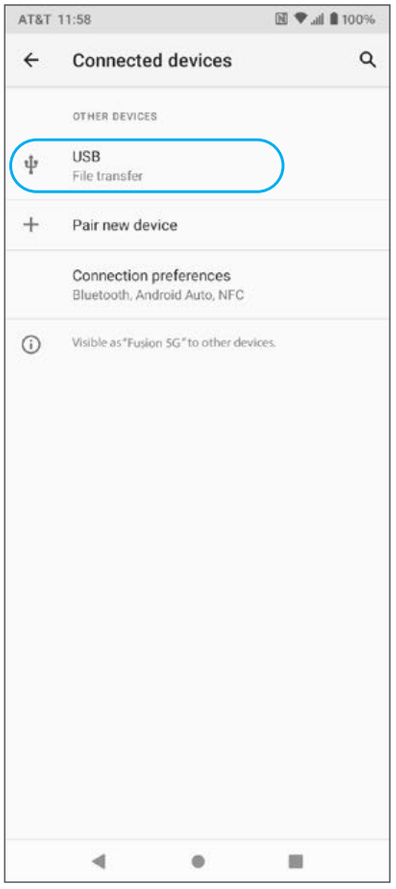
- Insert the Type-C end of the cable to the USB charging and accessory port at the bottom of the phone.
- Insert the other end (Type-A end) of the cable into an available USB port on your computer. You may need to remove the USB cable from the AC adapter to access it.

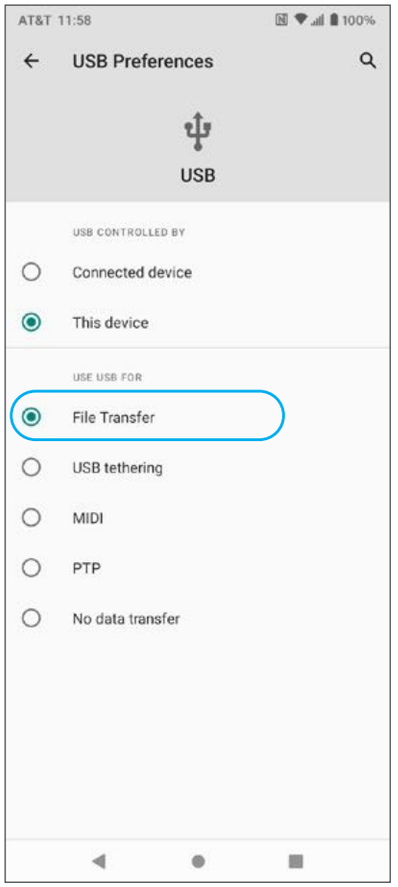
2. Drag the Status bar down to display the Notification panel. You will see **Charging this device via USB**.

3. To transfer files from your phone to your computer:

   - From the Home screen, swipe up to access **Apps** and tap **Settings** .
   - Tap **Connected devices** > **USB**.
   - Tap **File Transfer**. You can also select other options available.







4. On your computer, navigate to the detected device (such as through the My Computer menu) and open it.

5. If available, select a drive (**Internal shared storage** or **SD card**).

6. Select a folder and copy files from your computer to your phone or from your phone to your computer.

7. When completed, disconnect your phone from your computer.

Wi-Fi

Wi-Fi provides wireless Internet access over distances of up to 300 feet. To use your phone's Wi-Fi, you need access to a wireless access point or hotspot.

Turn Wi-Fi on and connect to a wireless network

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Network & internet** > **Wi-Fi**.
3. Slide the Wi-Fi switch to the **On** position.
4. Wi-Fi is enabled. Tap **Wi-Fi** to see the names and security settings of in-range Wi-Fi networks.
5. To disable Wi-Fi, slide the Wi-Fi switch to the **Off** position.
6. Tap a Wi-Fi network to connect, enter the password (if applicable), and then tap **CONNECT**.

Your phone will be connected to the Wi-Fi network. You will see in the status bar. For more information on Wi-Fi, see *"Wi-Fi" on page 137*.

Bluetooth

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

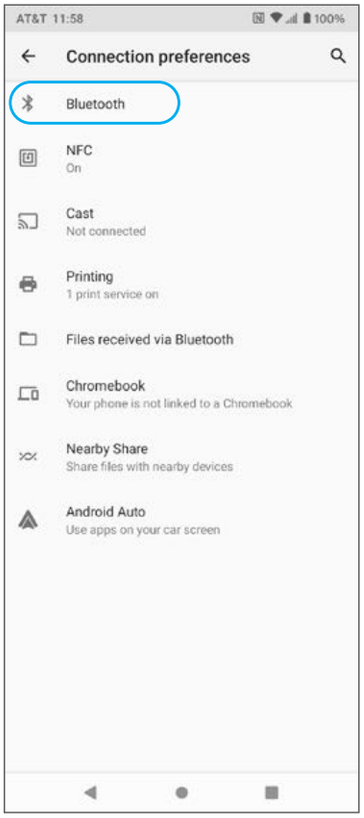
The following table describes different options and functions available with certain Bluetooth accessories.

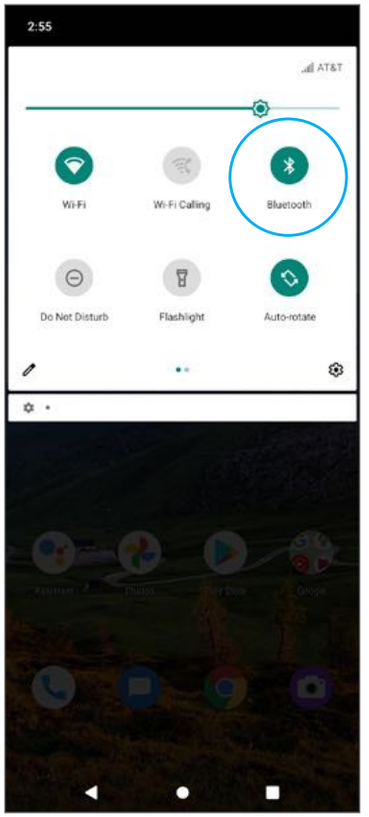
Function	Description
Audio output	Wirelessly listen to music, podcasts, etc.
Hands-free calls	Call hands-free, using Bluetooth-capable hands-free devices and headsets.
Data exchange	Exchange data with Bluetooth devices.

Enable Bluetooth

To enable Bluetooth

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Connected devices** > **Connection preferences** > **Bluetooth**.
3. Slide the Bluetooth switch to the **On** position.
   - You can also access Bluetooth from Quick Settings menu. Slide the Status bar down twice.
   - To disable Bluetooth, slide the Bluetooth switch to the **Off** position.





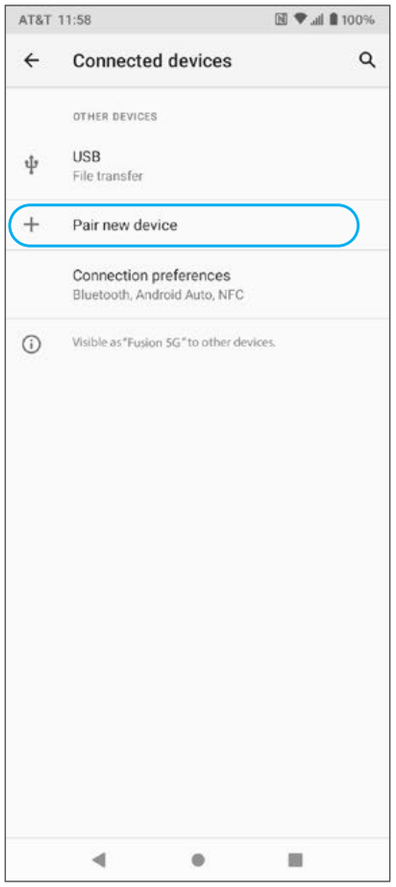
Note: Turning on Airplane Mode disables all network features including calling, messaging, mobile data, Wi-Fi, and Bluetooth. To continue to use Wi-Fi and Bluetooth, turn them on in Settings or in the notification panel.

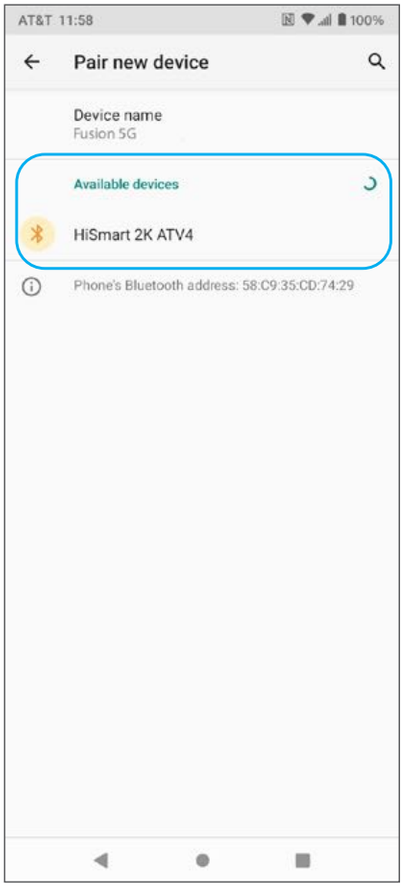
Tip: Turn off Bluetooth when not in use to conserve battery power.

Pair Bluetooth devices

To pair Bluetooth devices

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Connected devices** > **Pair new device**.
   - Nearby devices will appear under Available devices.
   - If a target device is not detected, ensure that the device is powered on and is discoverable, then tap **Refresh** to search again.

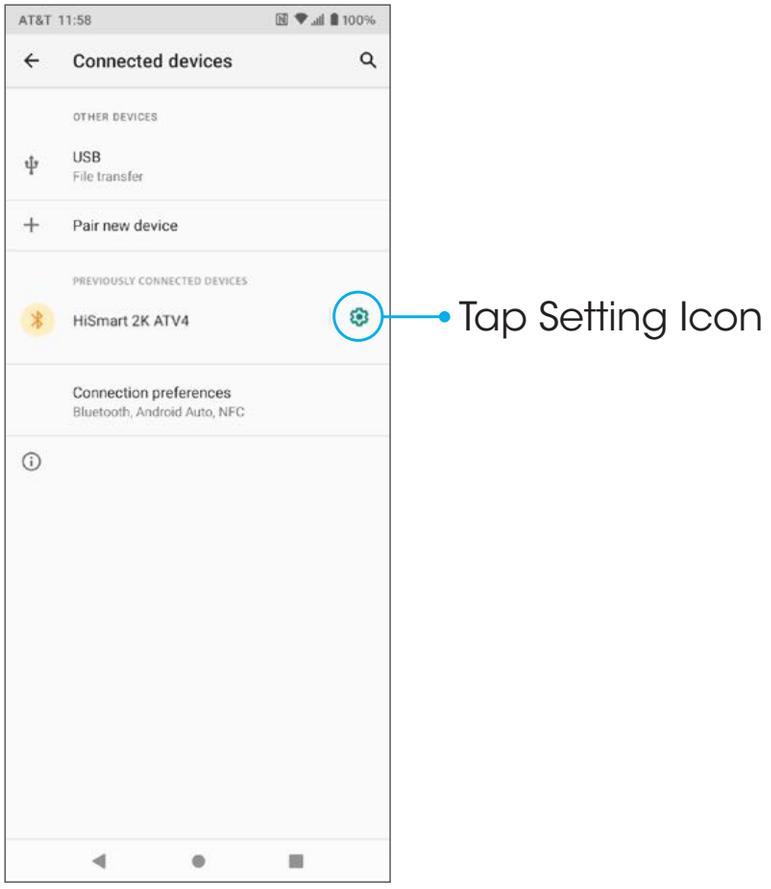


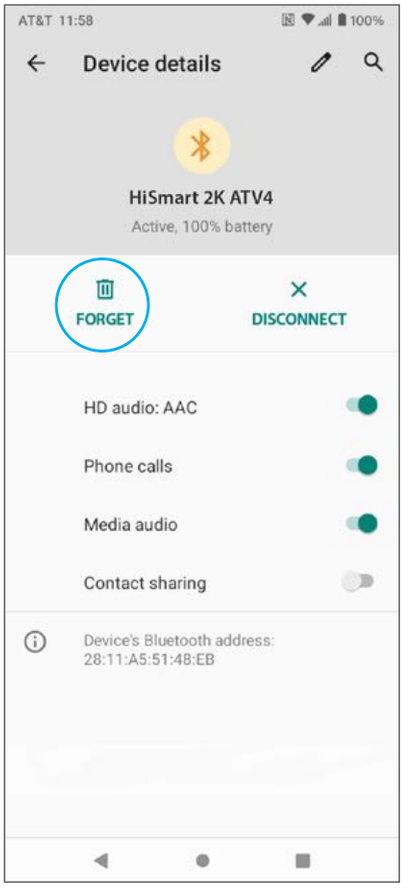


3. Tap a device under Available devices and follow the on-screen instructions to pair with the device.
   - Methods to accept a Bluetooth connection differ depending on the devices being used.

To forget a paired device

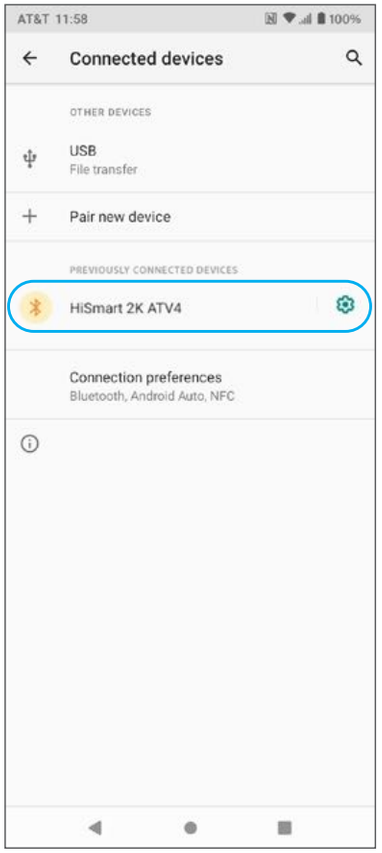
1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Connected devices** .
3. Tap **Settings** next to the device you wish to forget.
4. Tap **FORGET** > **FORGET DEVICE**.
   - The device will be unpaired from your phone. To reconnect with the device, you will need to pair again.





Connect to a paired Bluetooth device

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Connected devices** .
3. Tap a paired device to connect.



When the device is connected to your phone, the Bluetooth Paired icon will be displayed in the Status bar. You can then use the headset or car kit to listen to music or make and receive phone calls.

Note: Noise may be experienced with wireless calls and hands-free calls. Due to different specifications and features of other Bluetooth-compatible devices, display and operations may be different, and functions such as transfer or exchange may not be possible with all Bluetooth-compatible devices.

Send information via Bluetooth

You can use Bluetooth to transfer files between your phone and another Bluetooth-enabled device, such as a phone or computer. Send photos, videos, calendar events, contacts, and more.

See *"Share pictures and videos" on page 113*, and *"Share a contact" on page 79*.

Receive information via Bluetooth

1. When another device attempts to send a file to your phone via Bluetooth, you will see a request to accept the file.

2. Tap **ACCEPT** to receive the file.

   - When your phone receives a file, you will see a notification. To download the file immediately, drag the Status bar down to display the Notification panel, and then tap the notification. Select the file you wish to open from the Inbound transfers menu.
   - Media files and documents are usually opened directly in a compatible app. For example, if you received and opened a photo, it will open in the **Photos** app.
   - For a Calendar file, select the calendar where you want to save the event, and then tap **Import**. The Calendar is added to your Calendar events. For more information on using the Calendar, see *"Calendar" on page 114*.
   - For a vCard contact file, if there are multiple vCard files on your storage card, you can choose to import one, several, or all of those contacts to your contacts list.

Tip: For more information on Bluetooth see *"Bluetooth" on page 146*.

Apps and entertainment

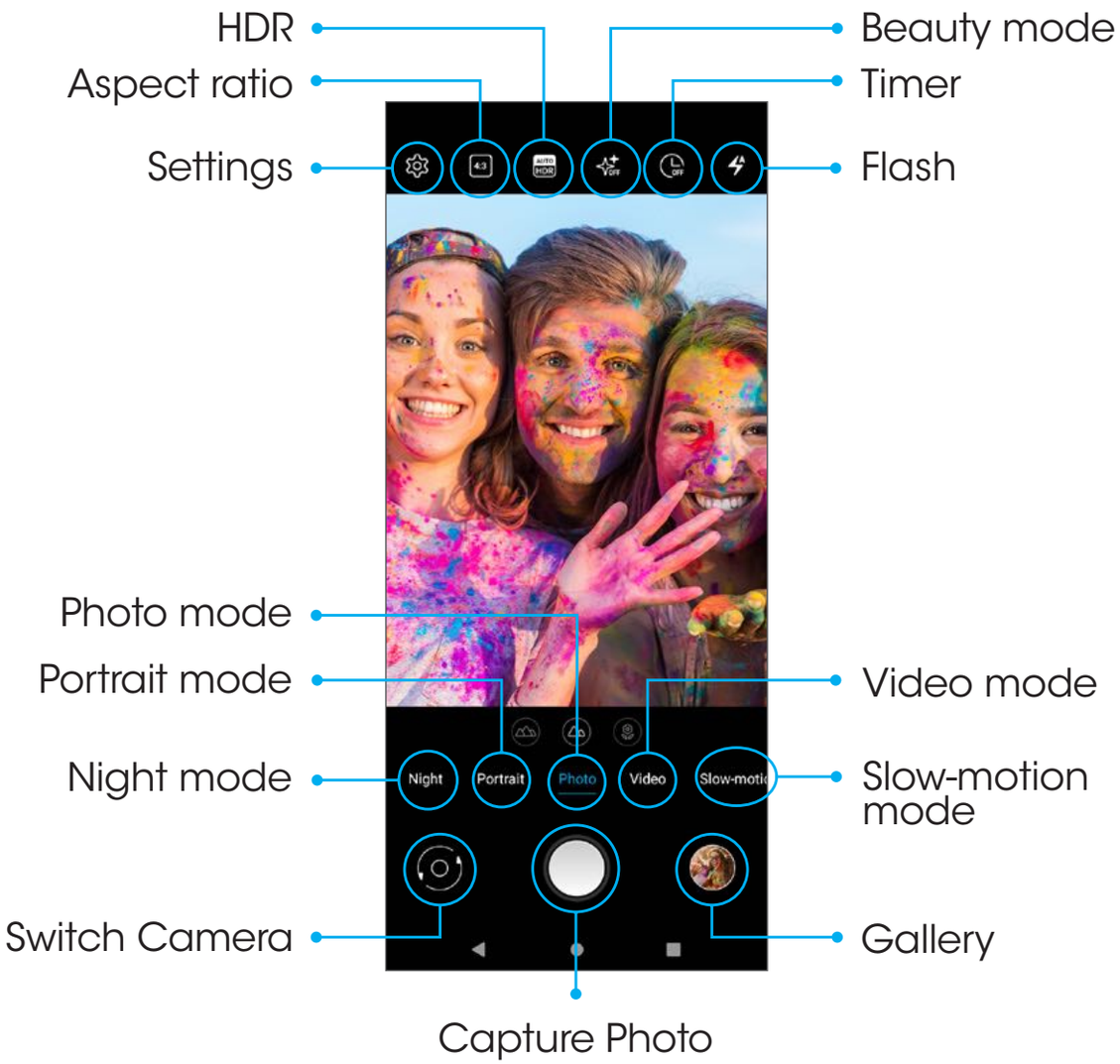
The topics in this section will explore the features that make your phone so much more than a phone, from the camera and productivity apps to music, entertainment, and more.

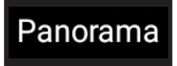
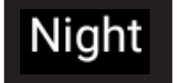
Camera and video

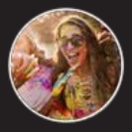
You can use the camera or video camera to take and share photos and videos. Your phone comes with a high resolution quad-rear cameras that let you capture photos and videos.

Camera overview

The camera's viewfinder screen lets you view your subject and access camera controls and options.



Icon		Function/Service
	Settings	Select camera modes and settings options.
	Timer	Count down and capture a photo at the end of the selected delay.
	Flash	Activate or deactivate the camera flash.
	**Panorama mode**	Allows you to take a photo with a horizontally elongated field of view.
	**Night mode**	Uses a long shutter speed to capture photos in low-light situations or at night.
	Portrait mode	Take a photo that keeps your subject sharp with a blurred background.
	Photo mode	Capture photos and access camera settings.
	Video mode	Record videos and access video settings.

Icon		Function/Service
Slow-motion	**Slow-motion mode**	Activate slow-motion to record a video allowing you to capture specific moments.
Time-lapse	**Time-lapse**	Take a series of still images of the same frame at regular intervals over a period of time, then play through the entire sequence rapidly.
HDR	**HDR**	Activate or deactivate High Dynamic Range Boost mode for clearer, more vivid photos.
	**Gallery**	View the last photo or video taken.
	Capture	Capture a photo.
	Switch	Switch between the front and back cameras.
4:3	**Size ratio**	Set the photo quality and aspect ratio.
OFF	**Beauty mode**	Smooths imperfections and brightens facial features.

Note: Camera options vary based on mode, camera in use, etc.

Take photos and record videos

The following topics explain how to take photos and record videos with your phone's camera.

Camera cautions

If the lens is dirty: Fingerprints and smudges on the camera lens may result in blurry photos or videos. If this happens, wipe the lens with a soft dry cloth.

Avoid exposure to direct sunlight: Do not to expose the lens to direct sunlight for long periods, as this can affect the color filter and distort the color of photos and videos.

Take a photo

Note: If you have an SD card installed, photos and videos will automatically be saved to the SD card. If no card is installed, photos and videos will be saved to your phone's memory.

1. From the Home screen, tap **Camera** .

Tip: You can also access the Camera with one of the following methods:

- From the Home screen, swipe up to access **Apps** and tap **Camera** .
- Press the **Power** key twice quickly.
- From the Lock screen, swipe up from the bottom right corner of the screen.

2. Tap **Photo** to switch to Photo mode, if necessary.
3. Aim the camera at your subject and tap to take the photo.

Record a video

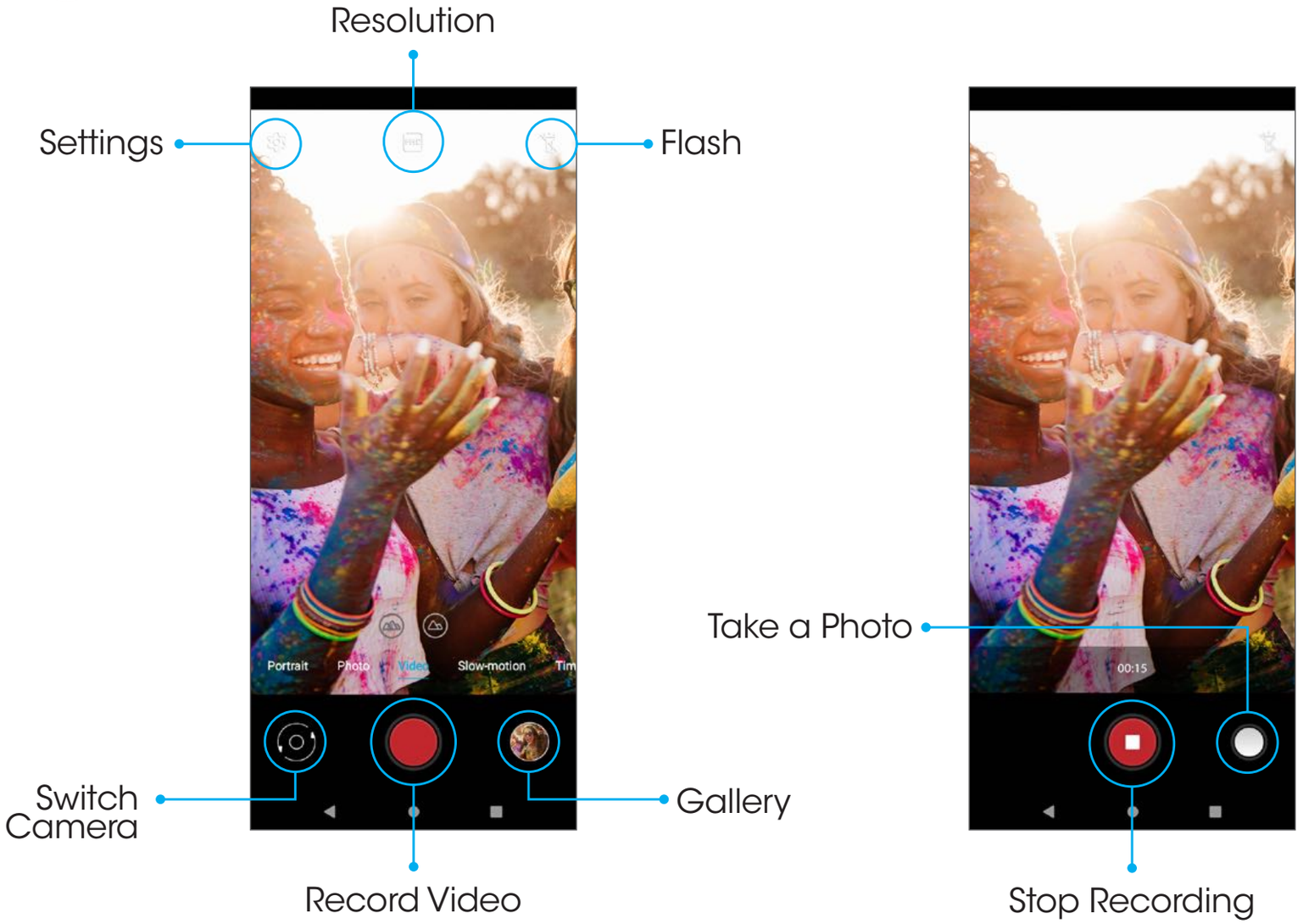
1. From the Home screen, tap **Camera** .

Tip: You can also access the camera in one of the methods described under *"Take a photo" on page 105*.

2. Tap **Video** to switch to Video mode (if necessary).

3. Aim the camera at your subject and tap to start recording a video.
   - Tap to take a photo while recording.

4. Tap to stop recording and save your video.



Camera settings

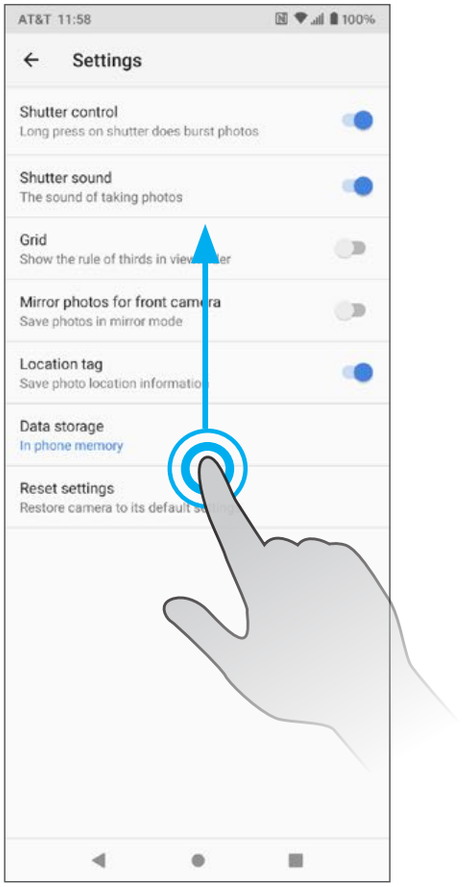
You can adjust your camera's settings using the icons on the main camera screen and the full camera settings menu.

Set camera functions

1. From the Home screen, tap **Camera** .

Tip: You can also access the camera in one of the methods described under *"Take a photo" on page 105*.

2. Tap **Settings** .



Camera Settings

1. From the Home screen, tap **Camera** .
2. Tap **Settings** and you can view and/or set the following:
   - **Shutter control:** Enable or disable long press on shutter burst photos.
   - **Shutter sound:** Enable or disable the shutter release sound.
   - **Grid:** Enable or disable the grid setting.
   - **Mirror photos for front camera:** Enable or disable saving photos taken with the front camera exactly as they appear in the preview. Disabling this feature will produce a mirrored effect in your images.
   - **Location tag:** Enable or disable the saving of location information.
   - **Data storage:** Select the default location photos and videos are saved.
   - **Reset settings:** Restore camera to its default settings.

View pictures and video using Photos

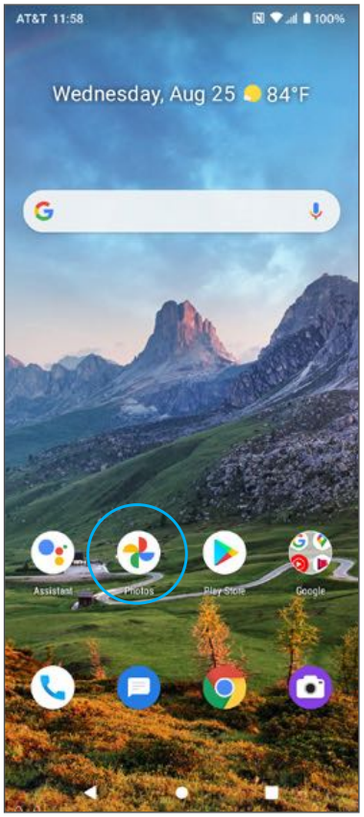
Using the **Photos** app, you can view photos and watch videos that you've taken, downloaded, or copied onto your storage card or phone memory. For pictures that are on your storage card or phone memory, you can do basic editing such as rotating and cropping. You can also easily assign a photo as your contact photo or wallpaper and share photos with your friends.

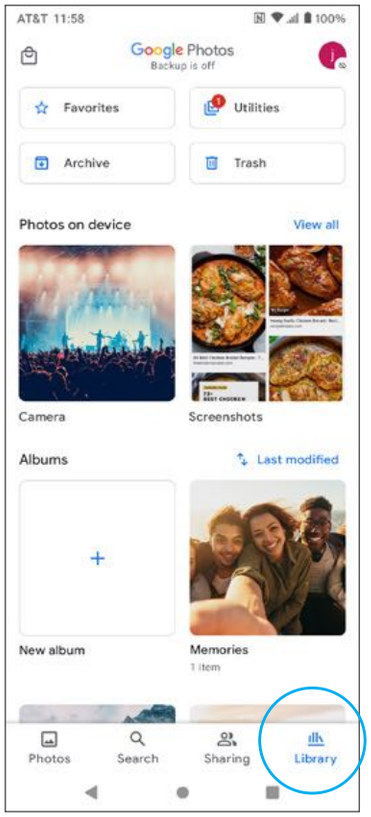
View photos and videos

1. From the Home screen, tap **Photos** .

Tip: You can also access the Photos app by swiping up on the Home screen to access **Apps** and tapping **Photos** .

2. Tap an image or a video to view.





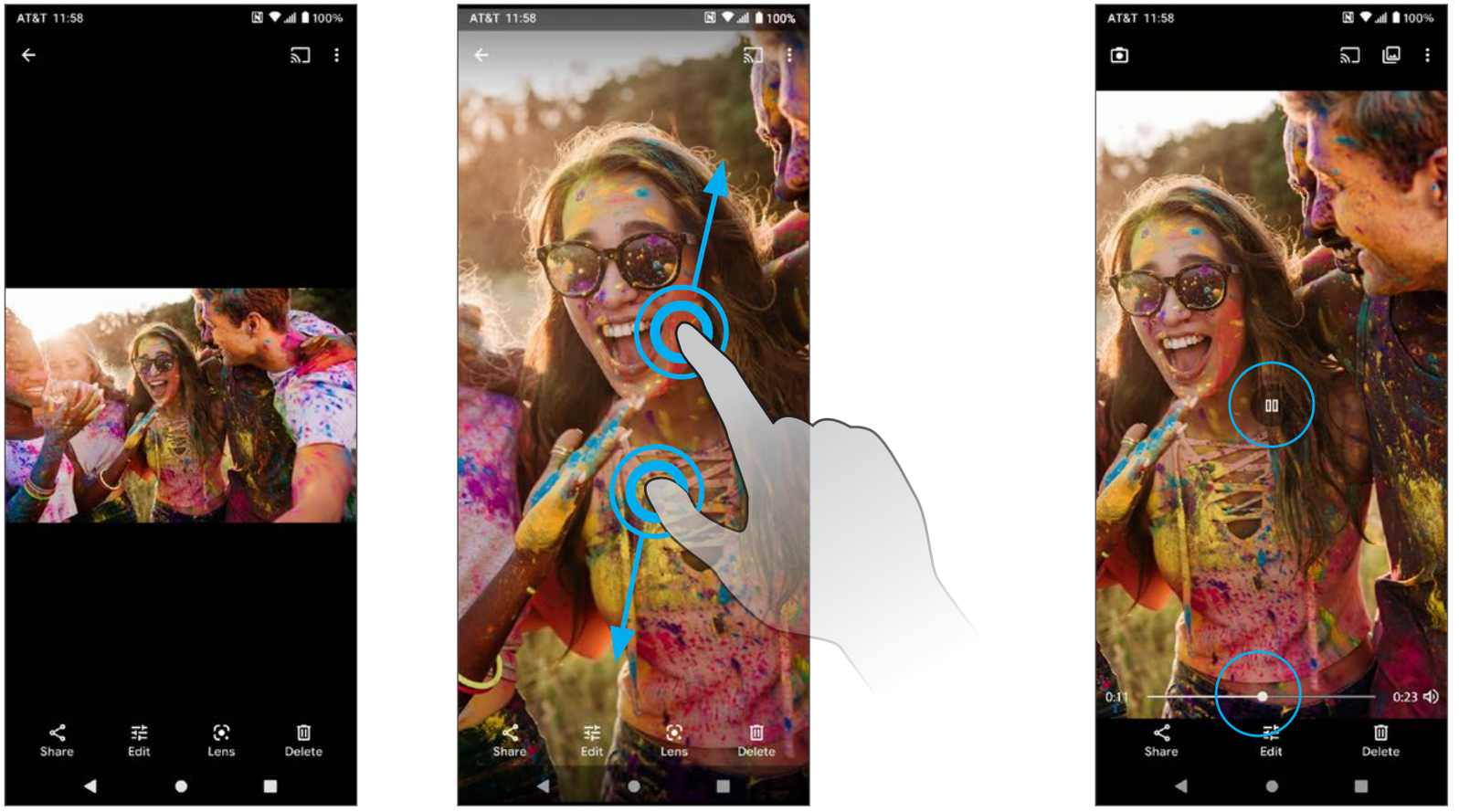
Review photos and videos

After capturing a photo or video, tap the thumbnail image at the bottom right corner of the screen to review it. From there, you can share, edit, or delete the photo or video.

Options while reviewing photos or videos

Zoom in or out on a photo or video: Tap the screen twice or pinch the screen to zoom in or out on a photo or video.

Viewing videos: Use the on-screen controls to play, pause, or stop the video playback.



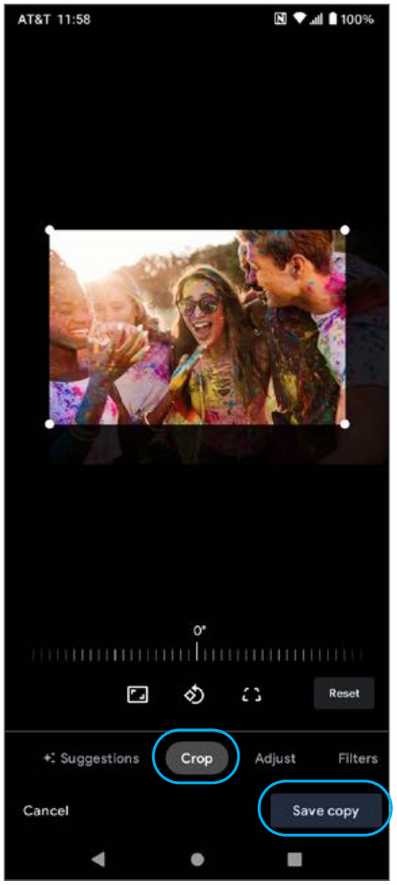
Edit photos

Rotate and save a photo

1. From the Home screen, tap **Photos** .
2. Tap the photo you want to rotate.
3. Tap **Edit** > **Crop** > **Rotate** .
4. Tap **Save copy**. The rotated photo is saved in the album as a copy. The original photo will remain unedited.

Crop a picture

1. From the Home screen, tap **Photos** .
2. Tap the photo you want to crop.
3. Tap **Edit** to access the Edit screen.
4. Tap **Crop**. A crop box appears on the photo.
5. To adjust the crop box size, drag the corners inward or outward to resize the crop box.
6. Tap **Save copy**. The cropped photo is saved in the album as a copy. The original photo will remain unedited.



Share pictures and videos

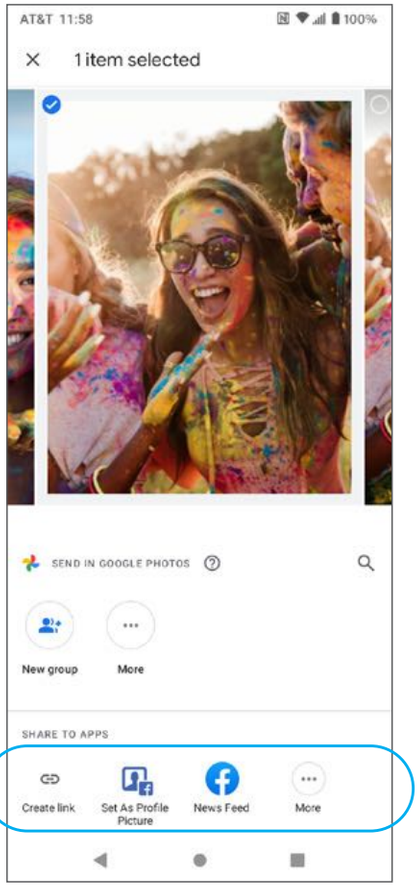
The Photos app allows you to send photos and videos using email or MMS messages. You can share photos and videos on your social networks, or send them to another phone or your computer via Bluetooth.

1. From the Home screen, tap **Photos** .

2. Tap the photos or videos you want to share.

Tip: To select multiple items, touch and hold an image to turn on Multi-select mode. Tap to select the items you want to share.

3. Tap **Share** , then select to share using Bluetooth, Gmail, Duo, or another app. Follow the on-screen prompts to send the photo or video.



Productivity

Use your phone to stay productive and organized with calendar, navigation, alarm, office, and more productivity apps.

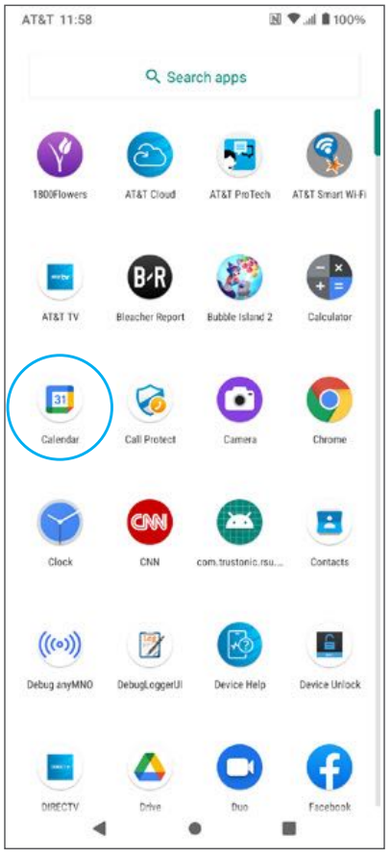
Calendar

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

In order to sync with your Google calendar, you must sign in to a Google account on your phone. See *"Google account" on page 41* for more information on signing in or creating a Google account.

Calendar view

1. From the Home screen, swipe up to access **Apps** and tap **Calendar** .



2. Tap **Menu** ☰.

3. **Select from one of the following calendar views:**

- **Schedule:** Display all events.
- **Day:** Display today's schedule by hour. Slide the screen to the left and right to display the previous and the next day, respectively.
- **3 days:** Display the previous day, today, and the next day. Slide the screen to the left and right to view the previous and next three days.
- **Week:** Display the current week. Slide the screen to the left and right to view the previous and next week, respectively.
- **Month:** Display the current month. Slide the screen to the left and right to view the previous and next month, respectively.

Schedule View

Day View

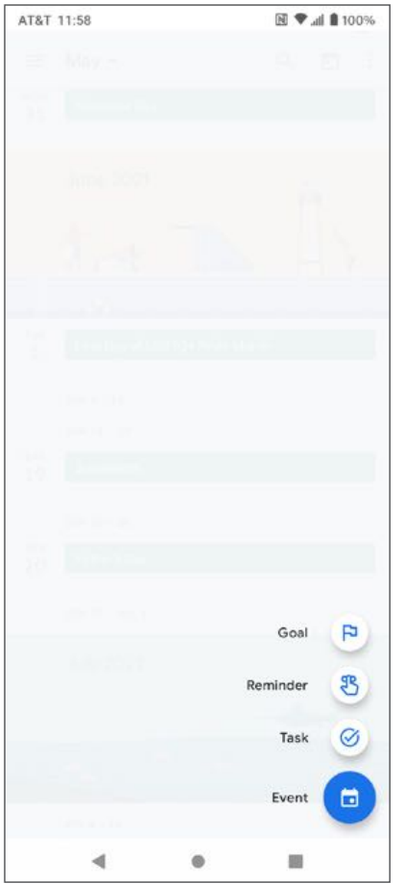
3 Day View

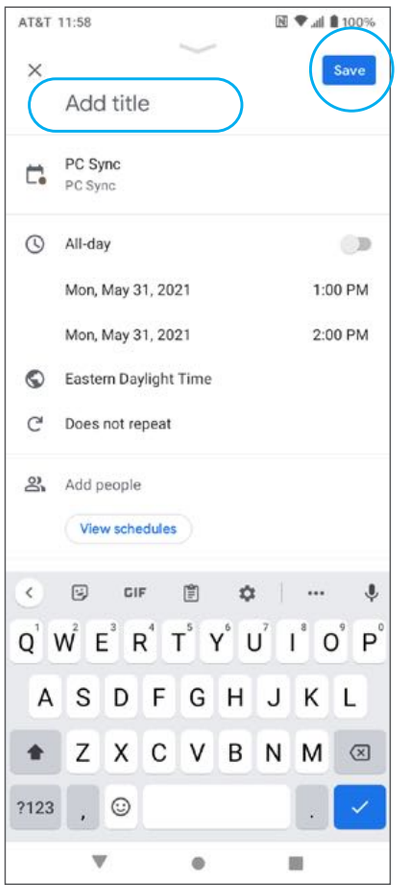
Week View

Month View

Add an event

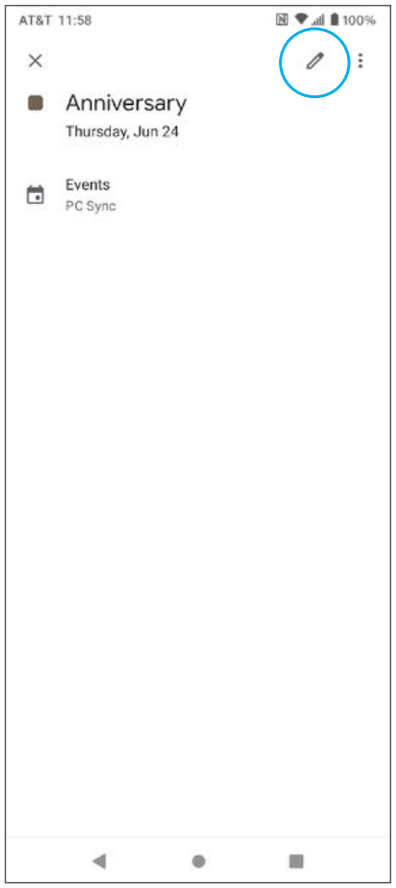
1. From the Home screen, swipe up to access **Apps** and tap **Calendar** .
2. Tap **Add** to add an event.
3. Enter event details, and then tap **Save**.





View calendar events

1. From the Home screen, swipe up to access **Apps** and tap **Calendar** .
2. Tap a date and an event to view the details.



Edit an event

1. From the Home screen, swipe up to access **Apps** and tap **Calendar** .
2. Tap a date and an event to view the details.
3. Tap **Edit** to edit the event.
4. When you are done editing, tap **Save**.

Delete an event

1. From the Home screen, swipe up to access **Apps** and tap **Calendar** .
2. Tap a date and an event to view the details.
3. Tap **Options** > **Delete** to delete the event.

Calendar settings

1. From the Home screen, swipe up to access **Apps** and tap **Calendar** .
2. Tap **Menu** > **Settings** > **General**.
3. Tap an option to adjust Calendar settings.

Navigation apps

Your phone offers a number of location-based navigation programs to help you figure out where you are and get you where you're going.

Enable location services on your phone

Before using any location-based services, you must enable your phone's location feature. For information about setting your phone's location options, see *"Location" on page 167*.

Google Maps

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

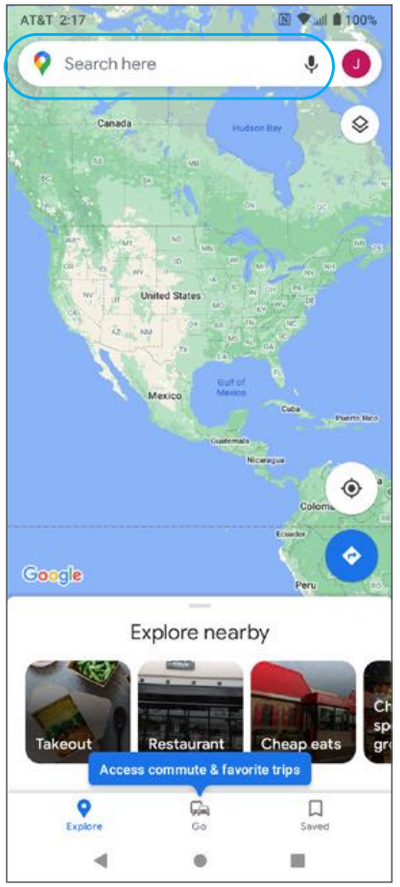
Search for destinations

Use Google Maps to locate and map a specific address or destination.

1. From the Home screen, swipe up to access **Apps** and tap **Maps** .

Tip: You can also access the Google Maps app from the Google folder on the Home screen.

- If prompted, follow the on-screen instructions to accept terms of use.

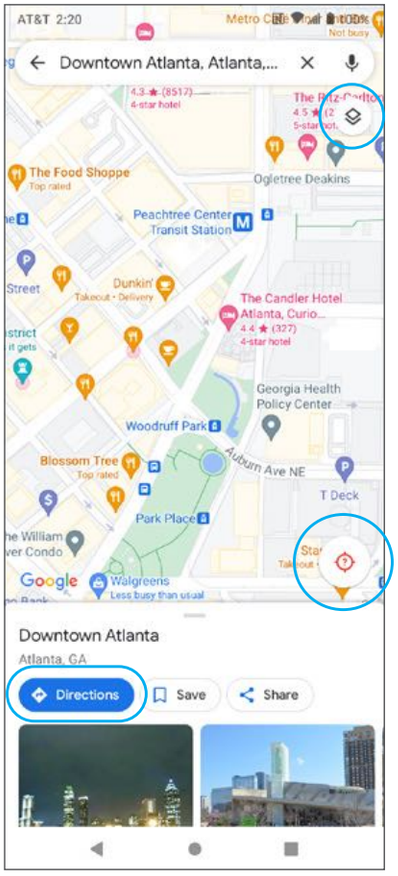


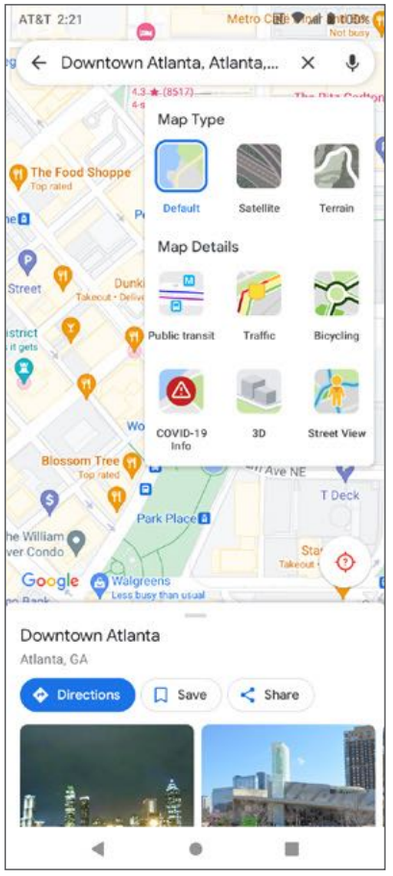
2. Tap **Find a place**.

3. Enter an address, city, facility name, etc., then choose a search result. You will see your location on the map.

Google Maps operations

- **View current location:** Tap to find your current location on the map.
- **Select map types for different views:** Tap **Menu** and select a map view such as traffic, satellite, etc.
- **Find a route to your destination:** Tap **Go**, enter your desired start location and destination, tap a method of transportation (car, public transit, or on foot), then tap **NAVIGATE IN APP** for step-by-step directions to your destination via the Navigation for the Google Maps app.





Google Search

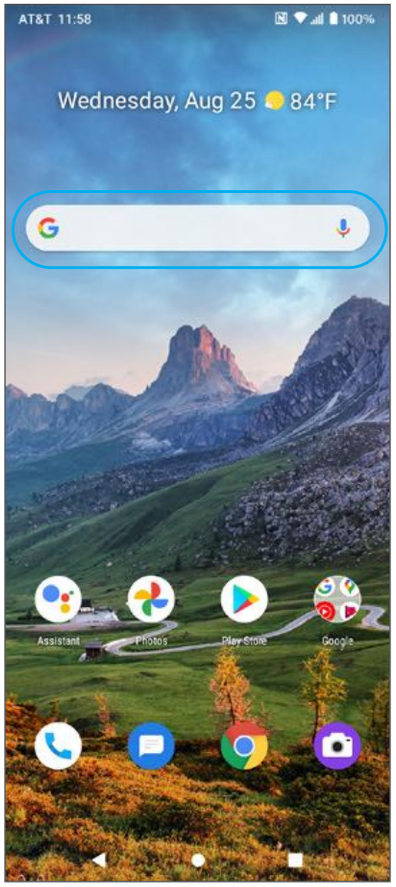
Search for information saved on the phone, in apps, and on the Internet.

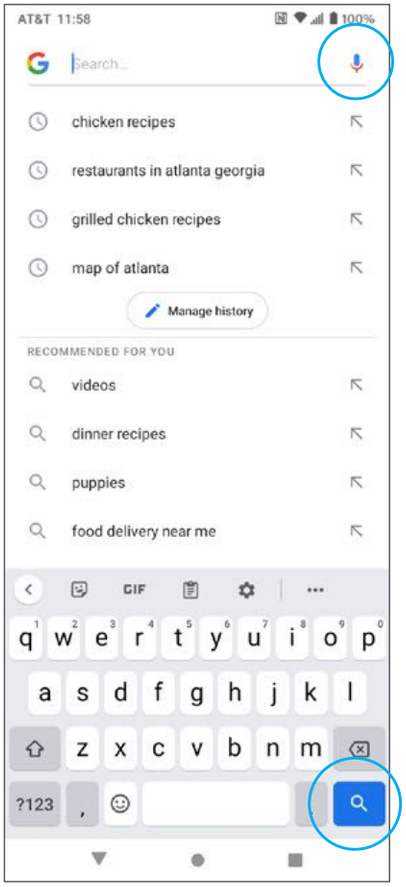
Use Google Search

1. From the Home screen, tap the Google Search bar.

   Tip: You can also access Google Search by swiping up on the Home screen to access **Apps** and tapping **Google** , or from within the Google folder.

2. Type your search keywords and tap **Search** . To search by voice, tap Google Voice Search in the search bar and say your search terms.

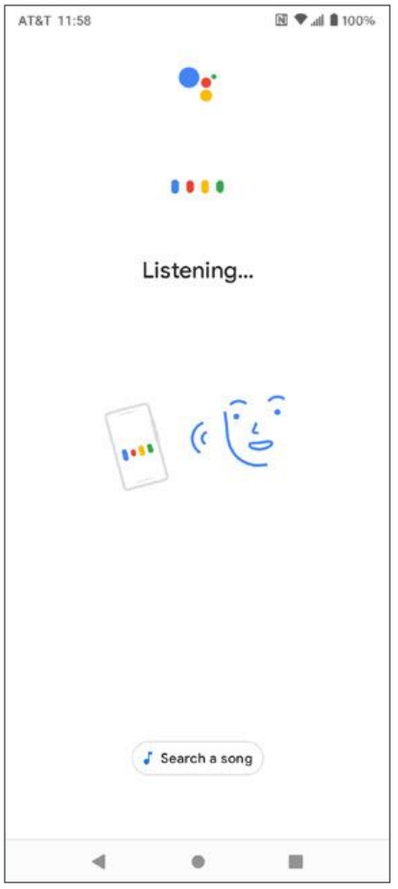


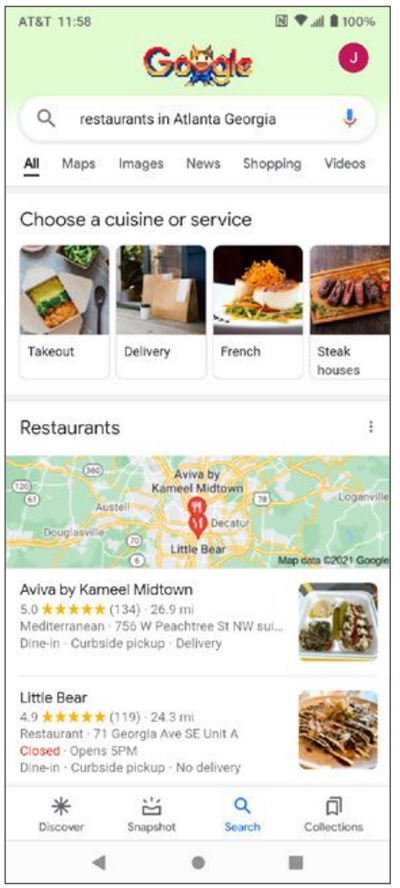


Use Google Voice Search

Tip: To quickly access Google Voice Search from any screen, press and hold **Home** .

1. From the Home screen, swipe up to access **Apps** and tap **Google** .
2. Tap **Google Voice Search** .
3. Say your search terms and search results will appear.





Calculator

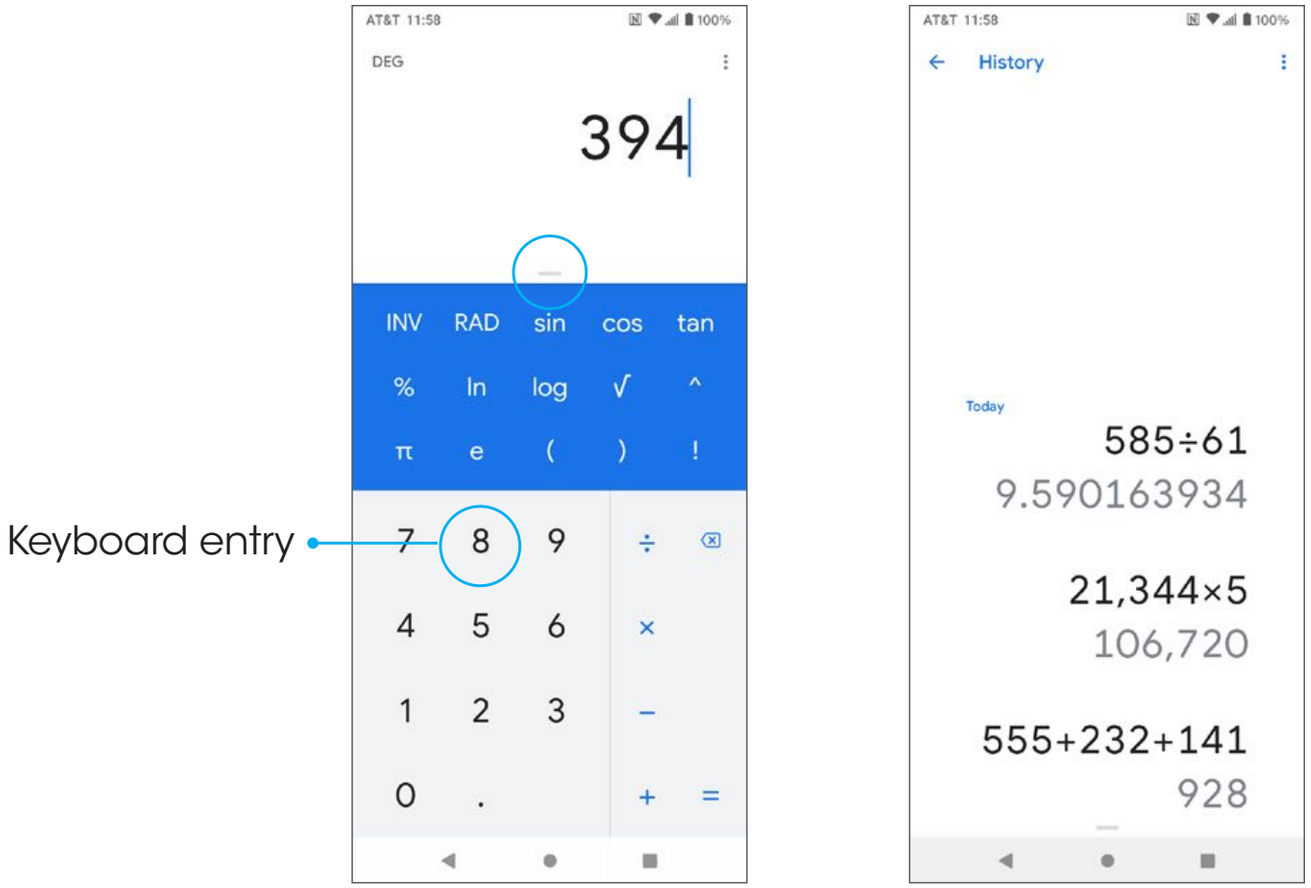
Your phone's convenient built-in calculator lets you perform basic mathematical equations.

1. From the Home screen, swipe up to access **Apps** and tap **Calculator** .

2. Enter the first number.
3. Tap a mathematical function key, then enter the second number.
4. Tap = to view the result.
5. Tap C to clear the results.

View calculator history

1. From the Home screen, swipe up to access **Apps** and tap **Calculator** .
2. Tap **Menu** > **History**, or drag down on the **History** bar to view the calculator history.
3. To clear the calculator history, tap **Menu** > **Clear**.
4. To return to the calculator, drag the **History** bar back up or tap the **Back** button .



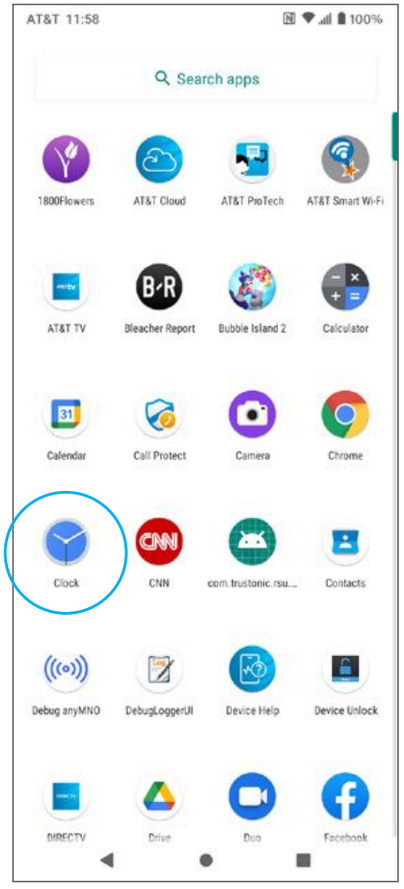
Clock

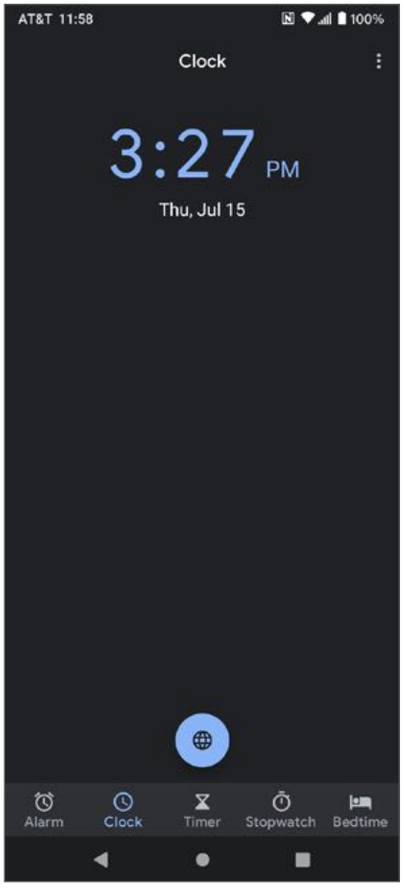
The Clock app allows you to set alarms, view different world times, use a stopwatch, set a timer, and use your phone as a desk clock.

Set the date and time manually

Your phone uses the wireless network to automatically receive the current date and time. You can also set the date and time manually.

1. From the Home screen, swipe up to access **Apps** and tap **Clock** .



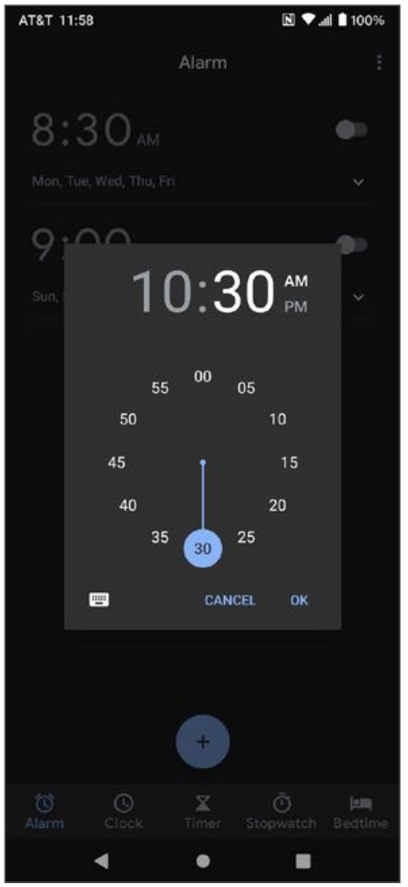


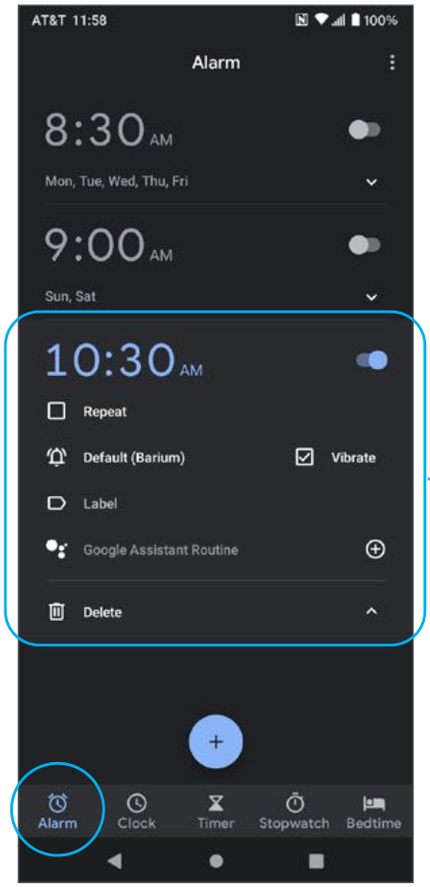
2. Tap **Menu** > **Settings** > **Change date & time** > **Use network-provided time** > **Off**.

3. Set the date and time manually.

Create a new alarm

1. From the Home screen, swipe up to access **Apps** and tap **Clock** .
2. Tap **Alarm** .
3. Tap + .
4. Set the time for the alarm and tap **OK**. You can also tap to enter the time directly.
5. Set more alarm details, if desired.



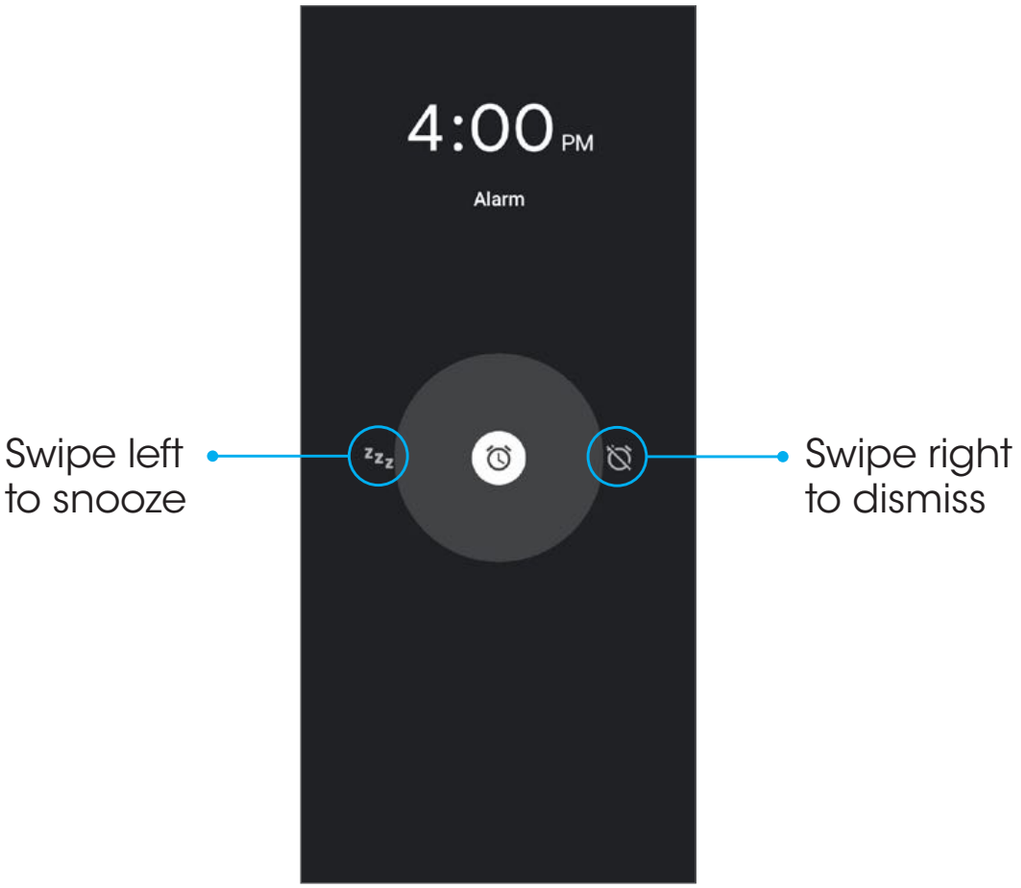


Alarm options

Feature	Description
Repeat	Select the days to repeat the alarm.
Alarm sound	Select a sound to play for the alarm.
Vibrate	Activate alarm vibration.
Label	Enter a name for the alarm.
Delete	Delete the current alarm.

Turn an alarm off

1. To turn an alarm off, drag the **Alarm Clock** to **Dismiss** .
2. To snooze the alarm for 10 minutes, drag the **Alarm Clock** to **Snooze** .



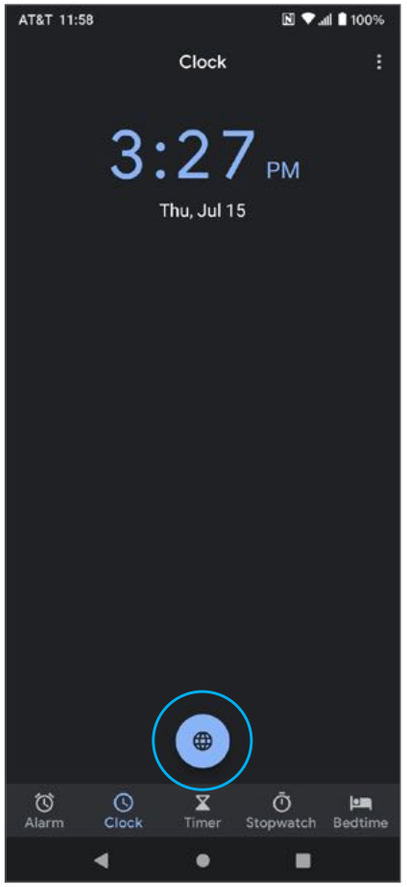
Delete an alarm

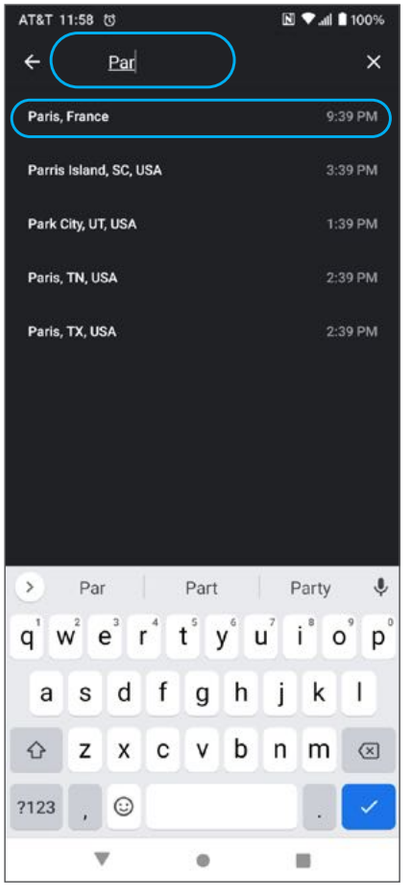
1. From the Home screen, swipe up to access **Apps** and tap **Clock** .
2. Tap the alarm you want to delete from the alarm list.
3. Tap **Delete**.

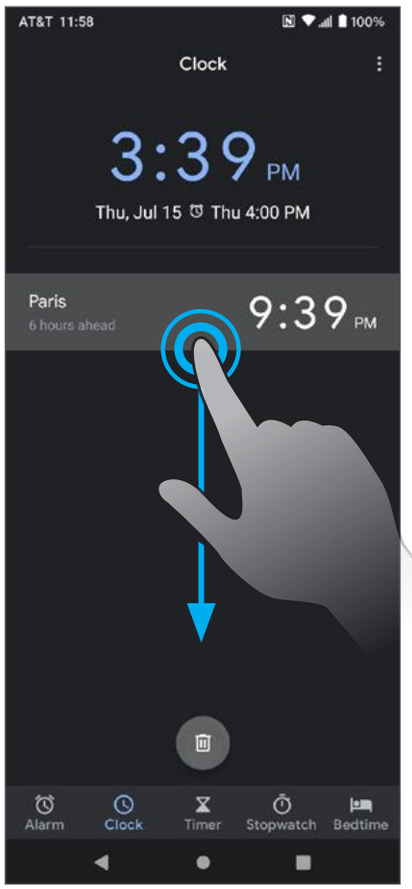
World clock

The World clock lets you keep track of the current time in multiple cities around the globe.

1. From the Home screen, swipe up to access **Apps** and tap **Clock** .
2. Tap **Clock** if not already selected. Tap to access the World clock screen.
3. Type to enter a city name and select the city you want to add from the list.
   - To remove a city, touch and hold, then drag the city to the trash can.

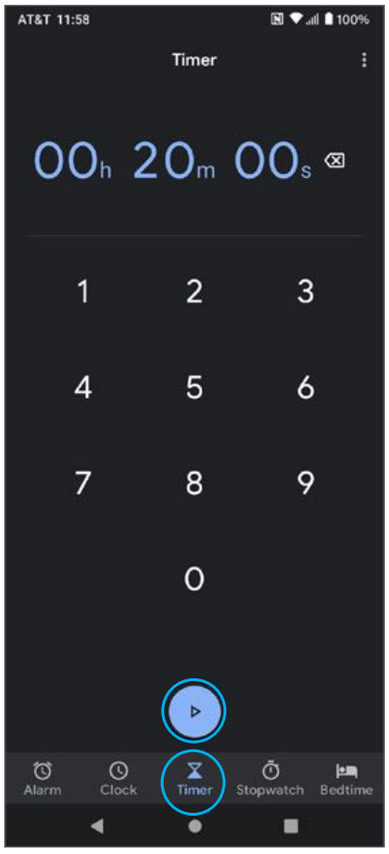


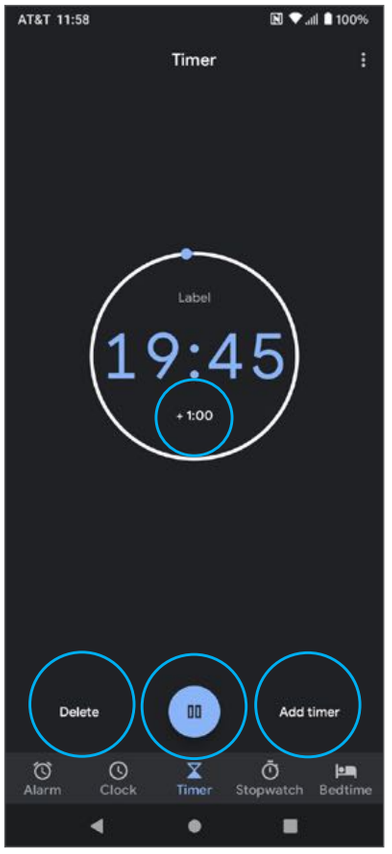


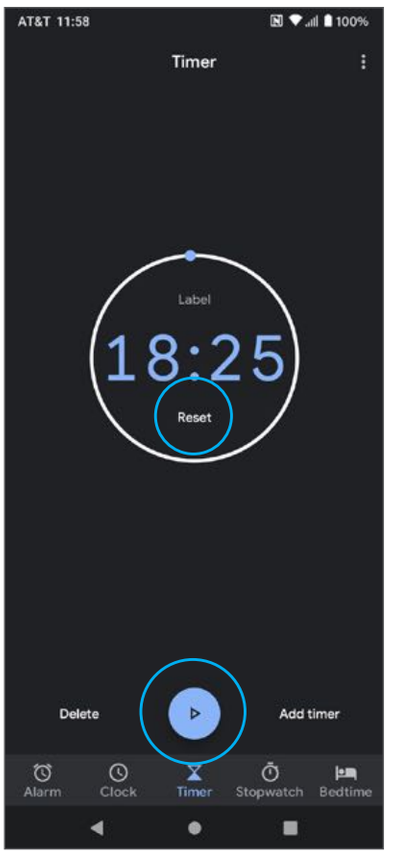


Timer

1. From the Home screen, swipe up to access **Apps** and tap **Clock** .
2. Tap **Timer** to access the Timer screen.
3. Enter the amount of time into the Timer.
4. Tap to begin timing.
5. Tap to pause timing.
   - Tap again to resume timing.
   - Tap **Reset** to reset the timer back to zero.
   - Tap **Delete** to delete the timer.
   - Tap **Add timer** to add another timer. Swipe up and down to view other active timers.

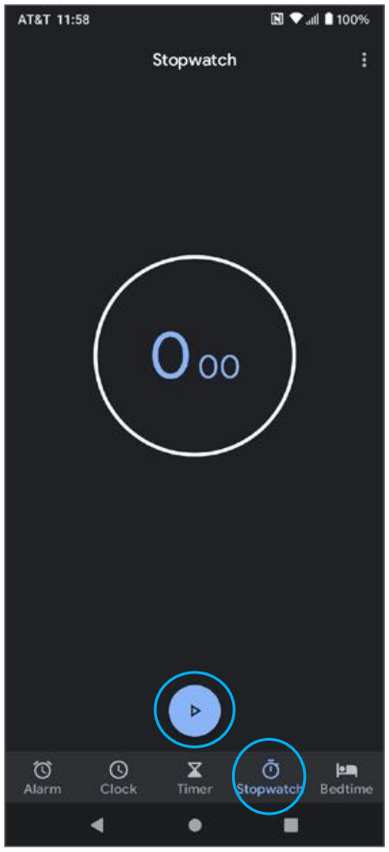


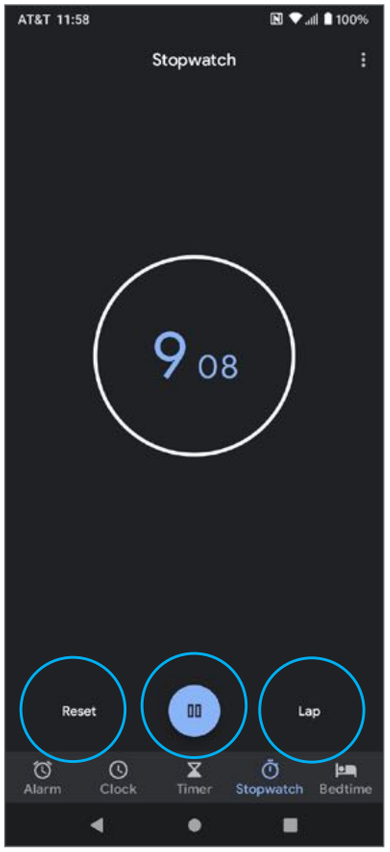


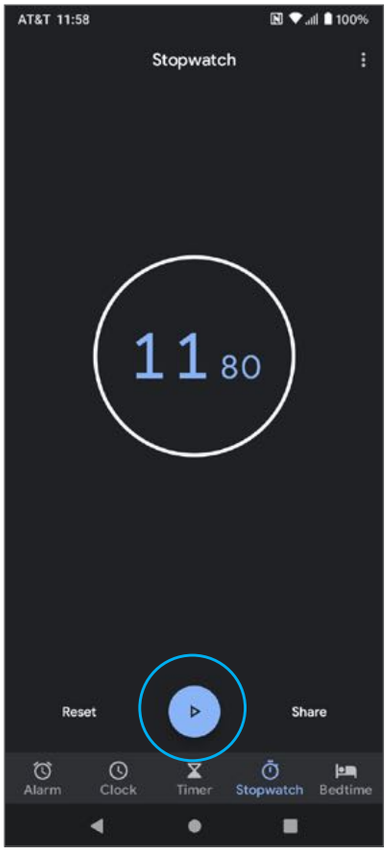


Stopwatch

1. From the Home screen, swipe up to access **Apps** and tap **Clock** .
2. Tap **Stopwatch** to access the Stopwatch screen.







3. Tap to begin the stopwatch.
4. Tap to stop the stopwatch.
   - Tap again to resume timing.
   - Tap **Reset** to reset the stopwatch to zero.
5. Tap **Share** to share the stopwatch time.

Entertainment and activities

The following topics provide an overview of your phone's entertainment apps.

YouTube

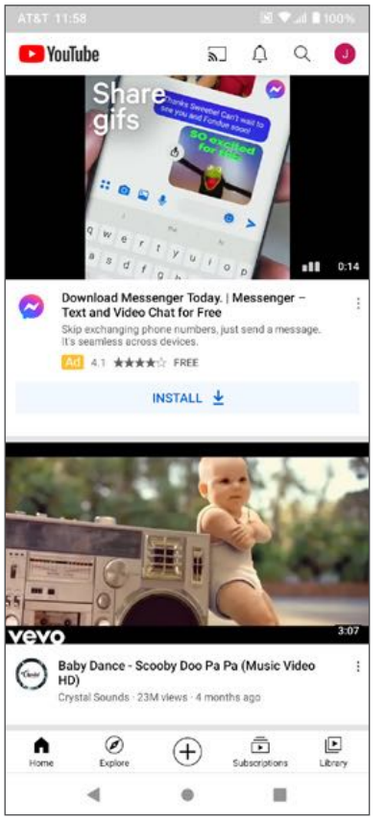
View videos uploaded to YouTube and upload your own videos.

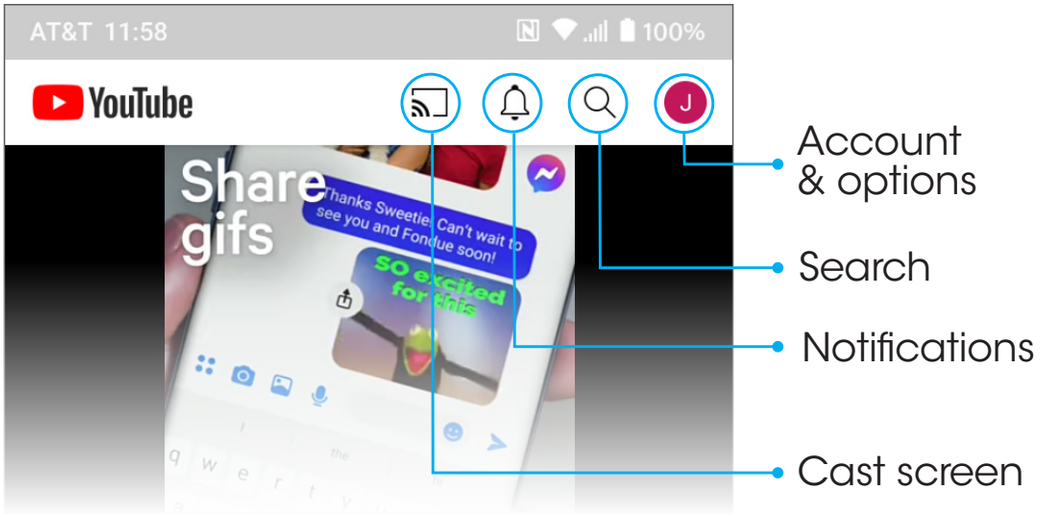
View YouTube videos

Note: You can use the YouTube app to view videos on YouTube even if you aren't signed in to a YouTube account.

1. From the Home screen, swipe up to access **Apps** and tap **YouTube** .

Note: You can also access YouTube from the Google folder on the Home screen.





- If you are prompted to provide confirmation to use the site, follow the on-screen instructions to continue.

2. Browse YouTube channels and tap a video to view.

3. The video will play on your phone screen. Tap the screen to pause or resume play while watching.

Post a video to YouTube

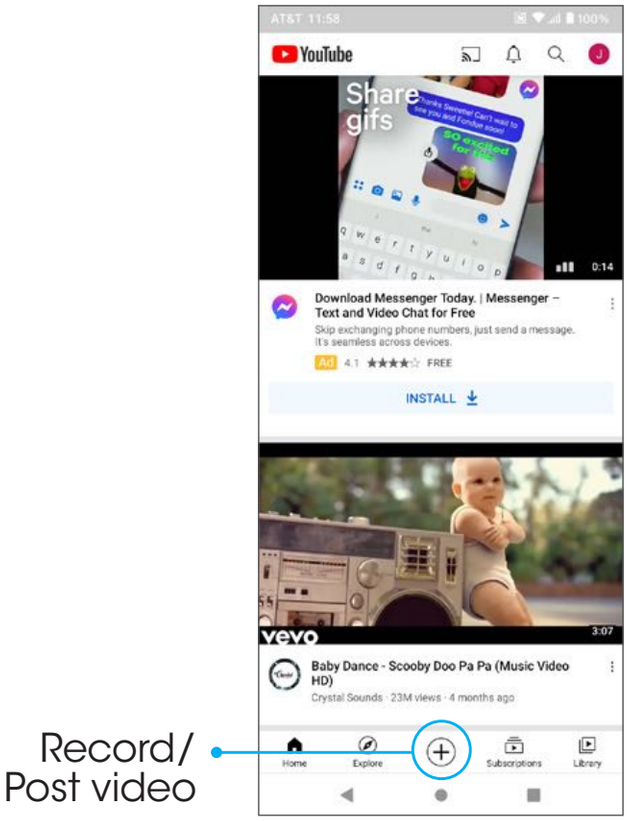
You can post videos to your YouTube account from your phone. Before posting, you must set up a YouTube account and sign in on your phone.

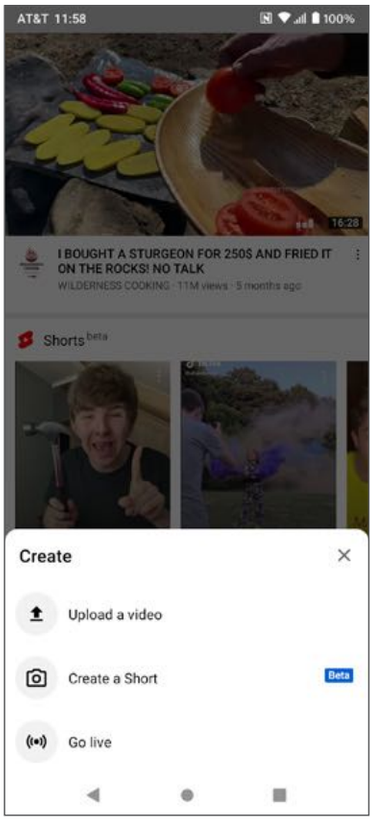
1. From the Home screen, swipe up to access **Apps** and tap **YouTube** .

2. Tap **Record/Post Video** .

Note: You may be prompted to allow access to your photos, camera, and microphone. Tap **ALLOW ACCESS** to continue.

3. Select a video to upload, record a new video to upload, or stream a live video. Enter a title, description, and tags, and select a privacy setting.





Settings

The topics in this section will cover your phone's settings and options.

Basic settings

From the Home screen, swipe up to access **Apps** and tap **Settings** to access your phone's Settings menu. You can also access the Settings menu from the Status bar. Swipe the Status bar down twice and tap **Settings** .

The table below outlines the Settings categories.

Category	Description
Network & internet	Set Wi-Fi, mobile network, Hotspot, VPN, airplane mode, and view data usage.
Connected devices	Manage the settings on devices connected by Bluetooth, USB, etc.
Apps & notifications	View your recently opened apps, manage the settings on notifications, permissions, etc.
Battery	Monitor your phone's battery usage.
Display	Set wallpaper, brightness, font size, etc.
Sound	Set ringtone, operation tones, etc.
Storage	Manage internal storage on your phone and provide menu choices for an optional SD card (not included).

Category	Description
Privacy	Manage app permissions, set your account activity and personal data, etc.
Location	View and manage apps using your location.
Security	Turn on Find My Device, set screen lock methods, password settings, etc.
Accounts	Manage all your email, social networking, and picture and video sharing accounts.
Accessibility	Set accessibility options such as screen magnification, hearing aid compatibility, etc.
Digital Wellbeing & parental controls	Statistics screen usage time, app timers, bedtime schedules, manage notifications, etc.
Google	Check and set Google service options.
Software Update	Manage software updates for your phone.
System	Set language and time, manage reset options, enable backup, check phone updates, and view more important information about your phone.
About phone	View information about your device.

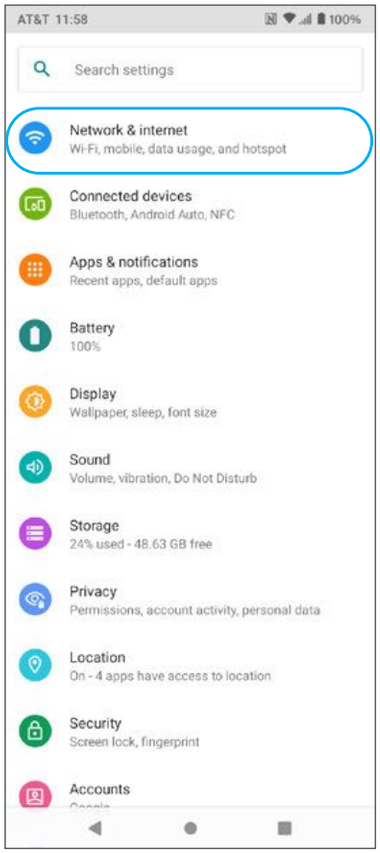
Network & internet

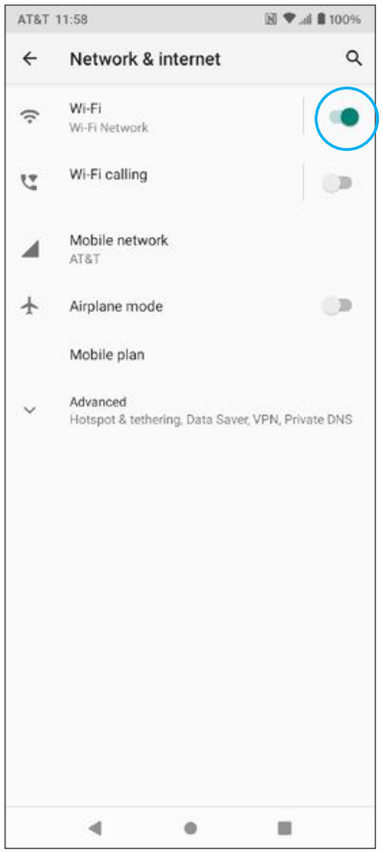
Manage network and connectivity settings.

Wi-Fi

Connect your device to a Wi-Fi network

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Network & internet** .



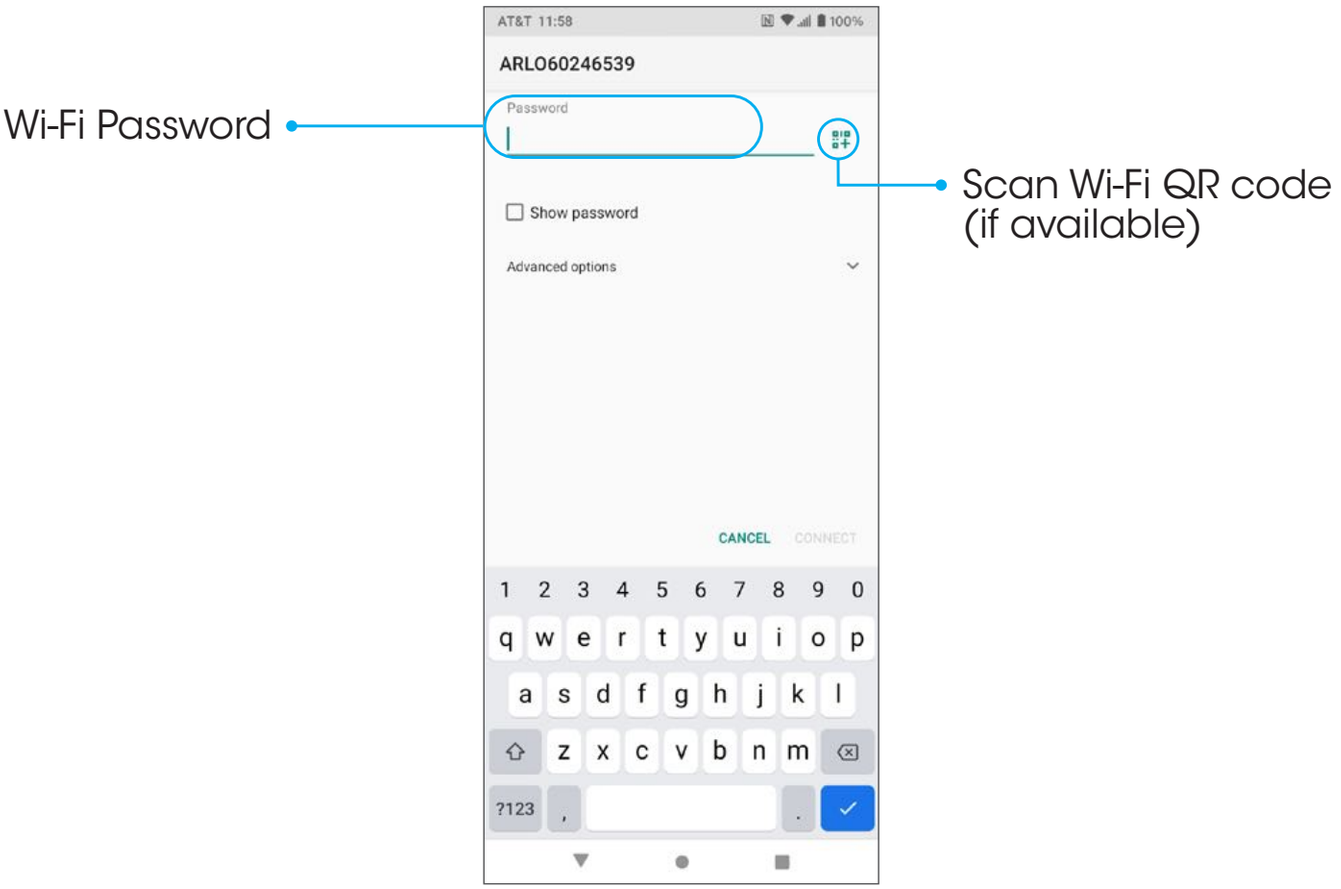


3. Slide the **Wi-Fi** switch to the **On** position to turn it on.

Your phone will automatically search for available networks and you will be able to see the names and security settings of in-range Wi-Fi networks.

- To disable Wi-Fi, slide the **Wi-Fi** switch to the **Off** position.

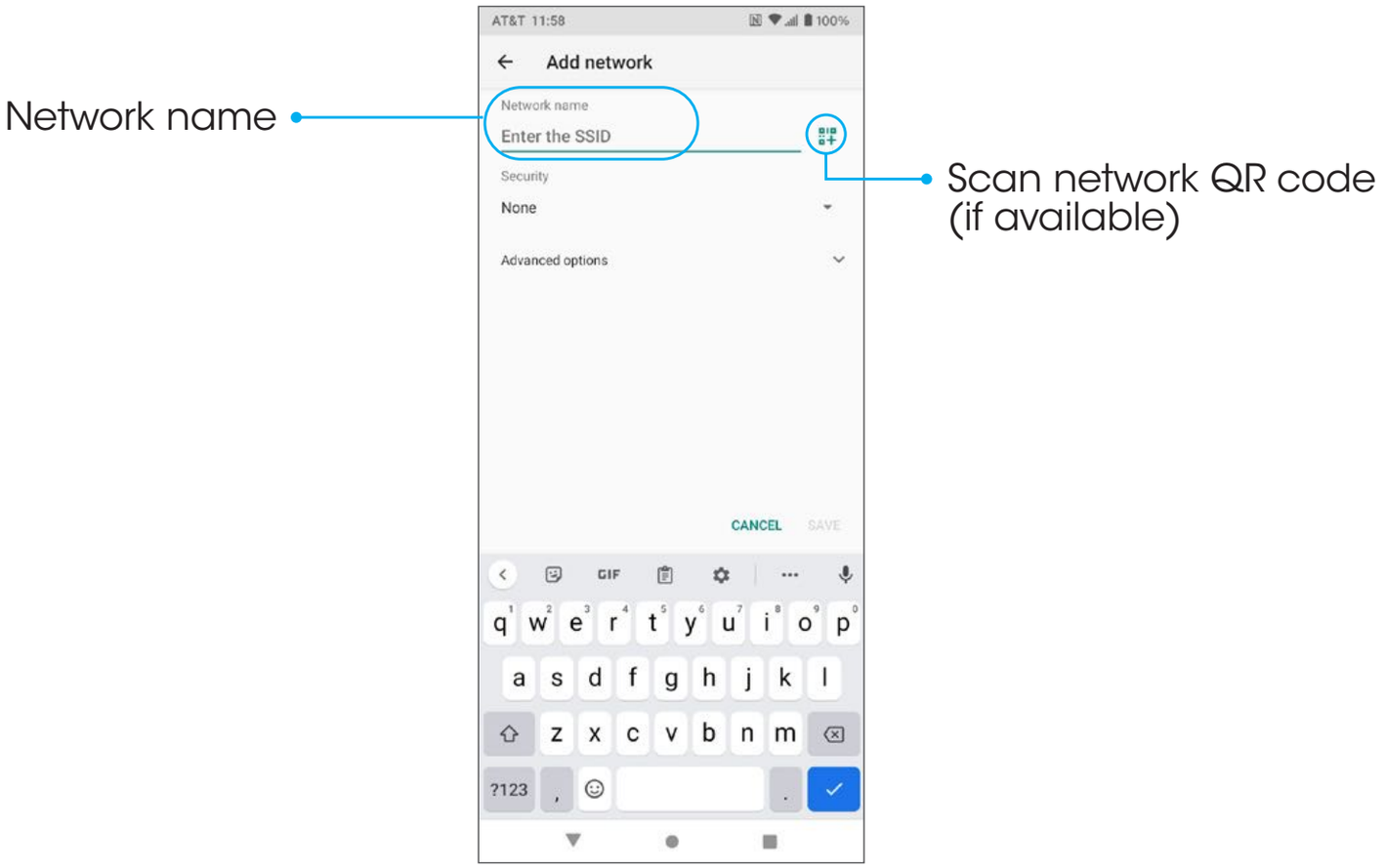
4. Tap the Wi-Fi network you want to connect to, enter the password (if applicable), and tap **CONNECT**. Your phone will be connected to the selected Wi-Fi network.



- The password, for a household wireless LAN router is sometimes found on a sticker on the router (WEP, WPA, KEY, etc.) or QR code. Contact the router manufacturer for information. For the password for a public wireless LAN, check with user's service provider.
- Entering a password is not required if an access point is not security protected.

Manually connect to a Wi-Fi network

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Network & internet** > **Wi-Fi**.
3. Slide the **Use Wi-Fi** switch to the **On** position to turn it on.
4. Tap **Add network**.
5. Enter the required information.



- **Network name:** Enter the network name.
- **Security:** Select a security option and enter your password.
- **Advanced options:** Show advanced options, such as IP settings and Proxy settings.

Wi-Fi preferences

Create and manage wireless access points.

- **Turn on Wi-Fi automatically:** Wi-Fi will be turned on automatically when you are near high-quality saved networks, like your home network.
- **Notify for public networks:** Notify when a high-quality public network is available.
- **Advanced**
  - **Install certificates:** Allow authentication to access files.
  - **WAPI certificate management:** Tap to manage the WLAN Authentication and Privacy Infrastructure.
  - **Network rating provider:** Select your preferred network rating provider.
  - **Wi-Fi Direct:** Connect to devices with Wi-Fi Direct.

Wi-Fi Calling

1. From the Home screen, swipe up to access Apps and tap **Settings** .
2. Tap **Network & internet** > **Wi-Fi Calling.**
   - **Wi-Fi Calling:** Slide the switch to the **On** position to enable Wi-Fi Calling.

Note: To use Wi-Fi Calling, you will need to set up an Emergency Address. When the Emergency Address is successfully set, you will see the Wi-Fi Calling icon in the Status bar.

- **About Wi-Fi Calling:** Tap to view more information about Wi-Fi Calling.
- **Emergency Address:** Tap to update your emergency address to help emergency services find you if you call 911.

Note: You must have an active Wi-Fi connection to send or receive calls and messages with Wi-Fi Calling.

Mobile network

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Network & internet** > **Mobile network**.
   - **Mobile Data:** Slide the Mobile Data switch to the **On** position to enable data access on your mobile network.
   - **International Data Roaming:** Slide the switch to the **On** position to enable international data roaming.
   - **App data usage:** Tap to view data usage on the mobile network.
   - **Data warning:** Set the data usage amount. Your phone will notify you when it reaches the amount set. Data usage measured by your phone is an approximate amount, and it may differ from the actual amount.
   - **Data limit:** Slide the switch to the **On** position to enable data limits.
   - **Access Point Names:** Select or add APNs.
   - **Mobile Network Diagnostics:** Slide the switch to the **On** position to enable sending diagnostic data automatically to the provider to improve service.

Airplane mode

Disable all network communication.

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Network & internet** > **Advanced** > **Airplane mode**.
3. Slide the **Airplane mode** switch to the **On** position to activate Airplane mode.

Hotspot & tethering

Share your phone's internet connection with other devices.

Note: Using your phone as a mobile hotspot increases battery consumption and data usage.

Use your phone as a Mobile hotspot

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Network & internet** > **Hotspot & tethering** > **Mobile Hotspot**.
3. Slide the **Mobile Hotspot** switch to the **On** position to activate the mobile hotspot.
   - **Hotspot name:** Set the hotspot name.
   - **Security:** Turn hotspot security on or off.
   - **Hotspot password:** Tap to set a hotspot password.
   - **Turn off hotspot automatically:** Slide the switch to the **On** position to turn off the hotspot automatically if no devices are connected.
   - **Turn off hotspot time:** Set a timer for the hotspot to automatically turn off.
   - **Hide SSID:** Slide the switch to the **On** position to hide the mobile hotspot name.

USB tethering

Share your phone's internet connection via USB.

1. Connect your phone to the device that you want to share your internet with using a USB type-c cable before continuing to the next step.
2. From the Home screen, swipe up to access **Apps** and tap **Settings** .

3. Tap **Network & internet** > **Hotspot & tethering** > **USB tethering**.
4. Slide the **USB tethering** switch to the **On** position to enable USB tethering.

Bluetooth tethering

Share your phone's internet connection via Bluetooth.

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Network & internet** > **Hotspot & tethering** > **Bluetooth tethering**.
3. Slide the **Bluetooth tethering** switch to the **On** position to enable Bluetooth tethering.

Data saver

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Network & internet** > **Advanced** > **Data saver**.
   - **Data Saver:** Tap **Data Saver**, then slide the **Use Data Saver** switch to the **On** position to enable the data saving feature.

VPN (Virtual Private Networks)

Note: You need to set a screen lock PIN or password before you can use a VPN.

Add a VPN profile

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Network & internet** > **Advanced** > **VPN**.
3. Tap **Add VPN** + on the top right corner of the VPN screen to add a VPN profile.
4. Follow the prompts to set up a VPN.

Edit and delete a VPN

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Network & internet** > **Advanced** > **VPN**.
3. Tap next to a VPN.
4. Edit the VPN and tap **SAVE**, or tap **FORGET** to delete the VPN.

Connect to a VPN

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Network & internet** > **Advanced** > **VPN**.
3. Tap a VPN, enter your login information, and tap **CONNECT**.
   - To disconnect, tap the VPN, and tap **DISCONNECT**.

Private DNS

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Network & internet** > **Advanced** > **Private DNS**.
3. Select your Private DNS mode.

Connected devices

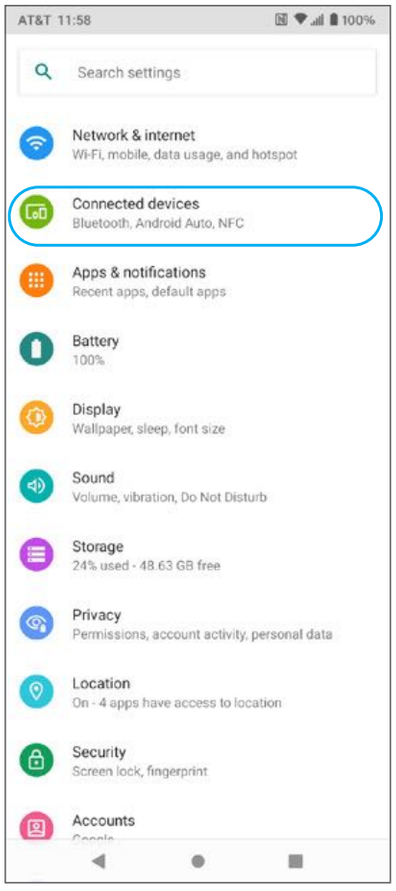
Manage settings for connected devices.

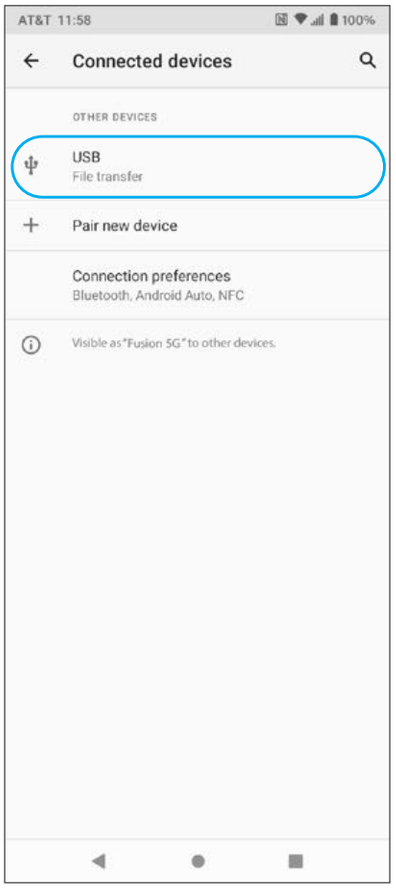
USB

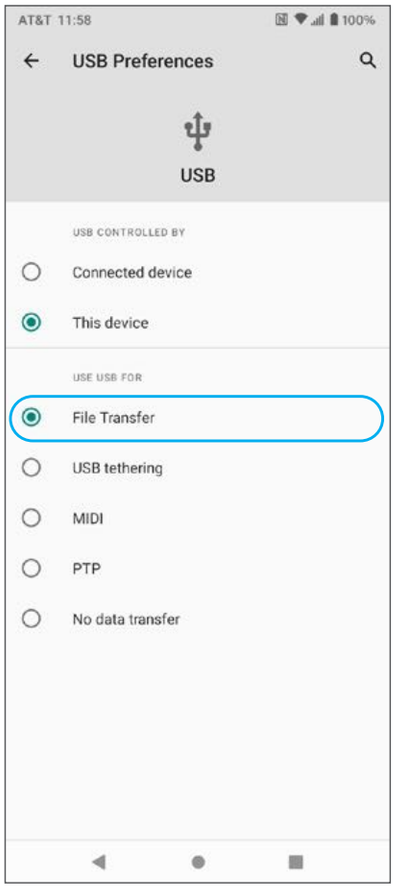
Connect your phone with a computer using a USB cable to transfer data, share network connectivity, or charge your phone.

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .

2. Tap **Connected devices** > **USB**.







- **USB controlled by:**
  - **Connected device:** Set the connected device to control the USB.
  - **This device:** Set your phone to control the USB.
- **Use USB for:**
  - **File Transfer:** Select to transfer files between your phone and your computer.
  - **USB tethering:** Select to set the USB tethering mode.
  - **MIDI:** Select to set this device as MIDI.
  - **PTP:** Select to transfer PTP photos.

- **No data transfer:** Select to set No data transfer mode.

Pair new device

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Connected devices** > **Pair new device**.
3. Pair with a device shown in the Available devices list.

Connection preferences

Manage various connection preferences.

Bluetooth

Wirelessly answer calls, connect speakers, transfer data, and more.

Activate Bluetooth

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Connected devices** > **Connection preferences** > **Bluetooth**.
3. Slide the **Bluetooth** switch to the **On** position to turn it on.

Pair a Bluetooth device

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Connected devices** > **Connection preferences** > **Bluetooth**.
3. Tap **Pair new device**.
4. Select the device you want to connect with in the Available devices list and

follow the prompts to connect.

- Make sure the device you want to connect with is discoverable via Bluetooth.
- Depending on the device, you may be required to enter or accept a passkey.

Rename a paired device

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Connected devices** .
3. Under PREVIOUSLY CONNECTED DEVICES, tap **Settings** next to a paired device name.
4. Tap **Edit** , enter a new name, and tap **RENAME** to save.

Disconnect from a paired device

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Connected devices** > Tap **Settings** next to a paired device name, and tap **DISCONNECT**.

Search for other devices

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Connected devices** > **Connection preferences** > **Bluetooth** > **Pair new device**.

Receive data via Bluetooth

When a device attempts to send a file to your phone using Bluetooth, you will be prompted to accept or decline the request.

1. Tap **ACCEPT**.
2. To view the file received, swipe the Status bar down and tap **Bluetooth share: Received files**, or locate the file from Bluetooth settings menu.

Open received files

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Connected devices** > **Connection preferences**.
3. Tap **Files received via Bluetooth**.
4. Tap an item to open it.

NFC

Allow data exchange when the phone touches an NFC device.

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Connected devices** > **Connection preferences** > **NFC**.
3. Slide the **NFC** switch to the **On** position to turn it on.
4. Tap **Contactless payments** to select your default form of payment.

Cast

Scan for nearby devices to connect to and set them up. A notification will appear when there are available devices to connect to.

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .

2. Tap **Connected devices** > **Connection preferences** > **Cast**.
3. Tap **Menu** > **Enable wireless display**.
4. Tap device to connect.

Printing

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

Add printer

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Connected devices** > **Connection preferences** > **Printing**.
3. Tap **Default Print Service.**
4. Slide the switch to the **On** position to turn it on.
5. Tap **Menu** > **Add printer**.
6. Tap an option to add a printer by IP address or by Wi-Fi Direct.

Files received via Bluetooth

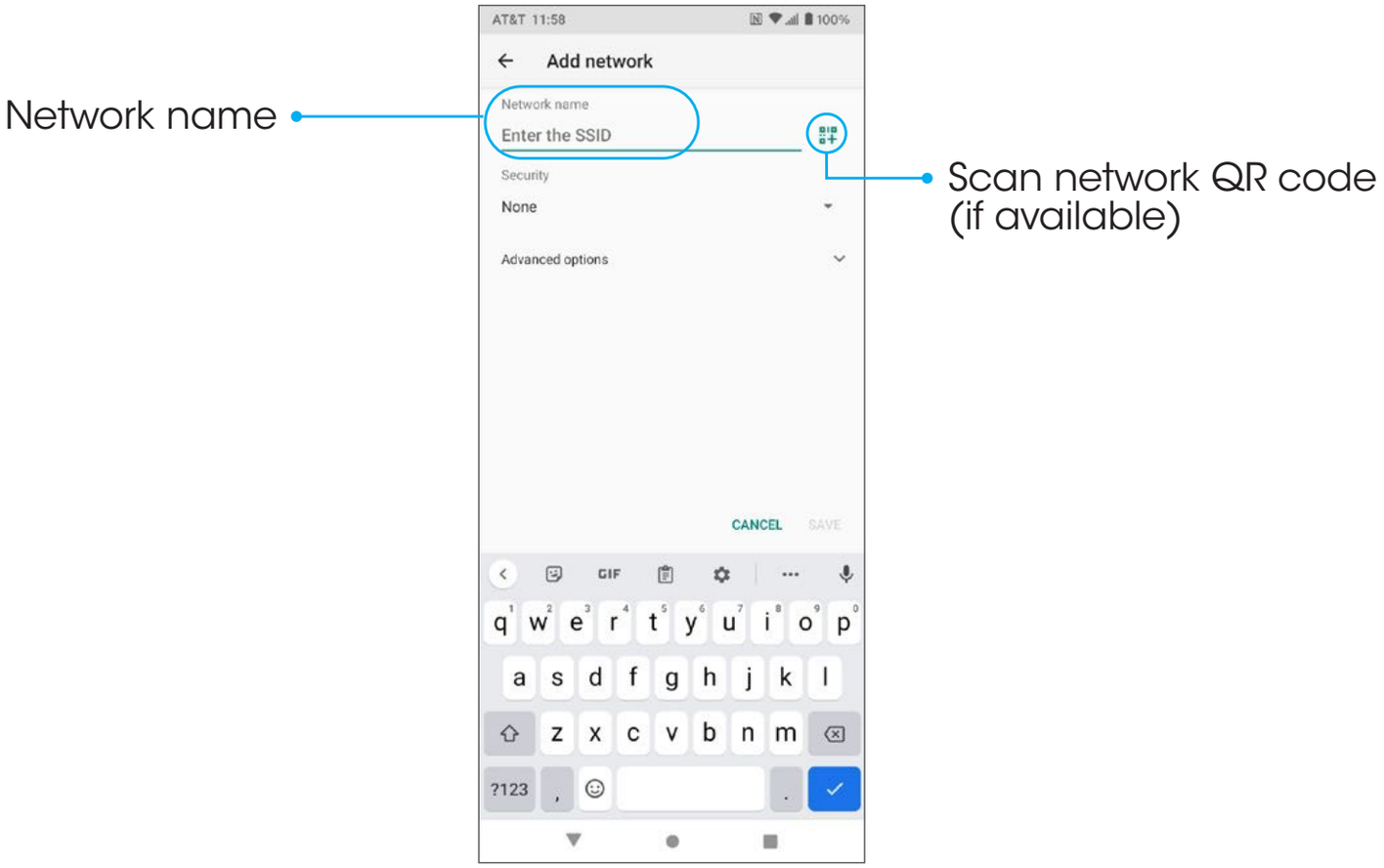
1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Connected devices** > **Connection preferences** > **Files received via Bluetooth**.
3. Tap an item to open it.

Chromebook

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .

2. Tap **Connected devices** > **Chromebook**.

3. Tap to manage connections with your Chromebook.



Nearby Share

Share files with nearby devices.

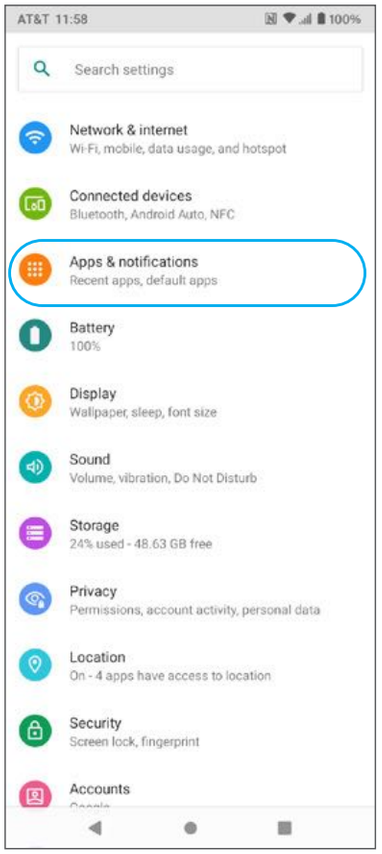
Android Auto

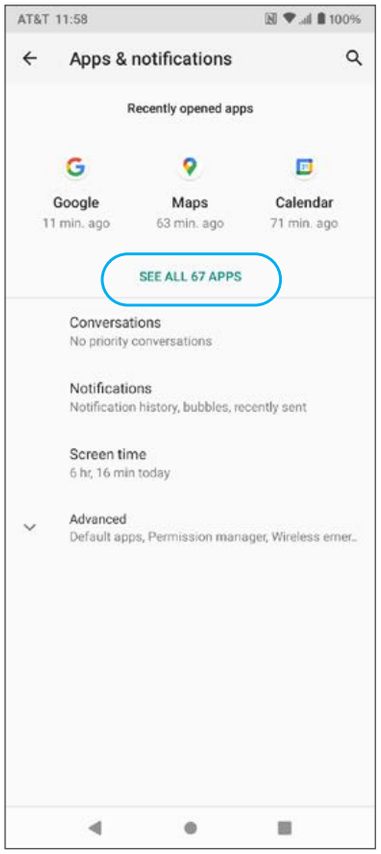
Use apps on your car screen.

Apps & notifications

View current running applications and manage notifications, permissions, and more.

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Apps & notifications** .





Recently opened apps

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Apps & notifications** > **SEE ALL APPS**.
3. Tap an app to view detailed information. Tap **DISABLE** to disable this app, or tap **FORCE STOP** to stop this app.

Conversations

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Apps & notifications** > **Conversations**.
3. View priority and modified conversations.

Notifications

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Apps & notifications** > **Notifications**.
   - **See all from last 7 days:** Tap to see which applications showed notifications in the last 7 days.
   - **Notifications on lockscreen:** Tap to select how you want notifications to be displayed on the lock screen.
   - **Allow notification snoozing:** Slide the switch to the **On** position to allow temporarily snoozing certain notifications.
   - **Suggested actions and replies:** Slide the switch to the **On** position to automatically show suggested actions and replies.
   - **Default notification sound:** Tap to select a default notification sound. You can also customize your own ringtone by tapping **Add notification**.
   - **Do Not Disturb:** Tap to set Do Not Disturb behavior, exceptions, schedule, and to turn it on or off.

Screen time

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Apps & notifications** > **Screen time**.
   - You can tap **Set timers for your apps** to set daily timers for most apps. When the app timer ends, the app is paused for the rest of the day.

Default apps

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Apps & notifications** > **Default apps**.
3. Tap to set the default app for the browser, phone, messaging, etc. You can also set default apps for opening links.

Permission manager

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Apps & notifications** > **Advanced** > **Permission manager**.
3. Tap a function to view the current allowed apps.
4. Tap the app you want to modify permissions for, and select **Allow** or **Deny** to adjust the permission settings.

Wireless Emergency Alerts

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Network & internet** > **Advanced** > **Wireless Emergency Alerts**.
3. You can change the alert settings by tapping **Menu** > **Settings**.

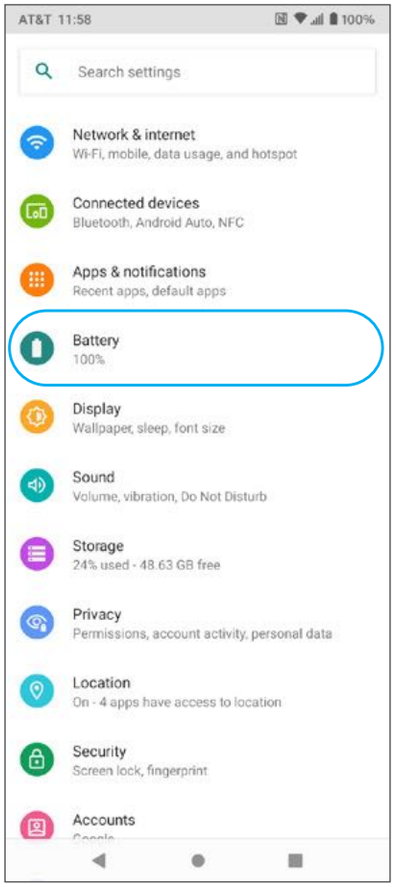
Special app access

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Apps & notifications** > **Advanced** > **Special app access**.
3. Tap to view app access for special functions, such as battery optimization, display over other apps, unrestricted data, usage access, etc.

Battery

Monitor your phone's battery usage through the Battery settings menu. Check the battery consumption and percentage.

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Battery** .



Battery consumption notification

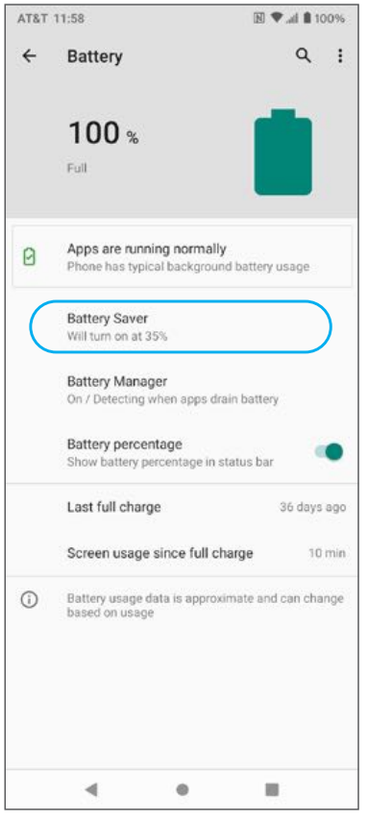
Monitor the amount of battery being used by apps. If battery usage increases too much, your phone will suggest actions you can take.

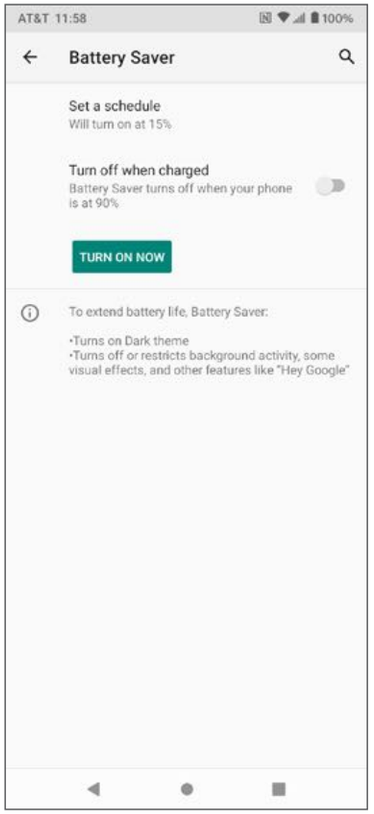
1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Battery** , then tap the Battery consumption notification to ensure apps are running normally.

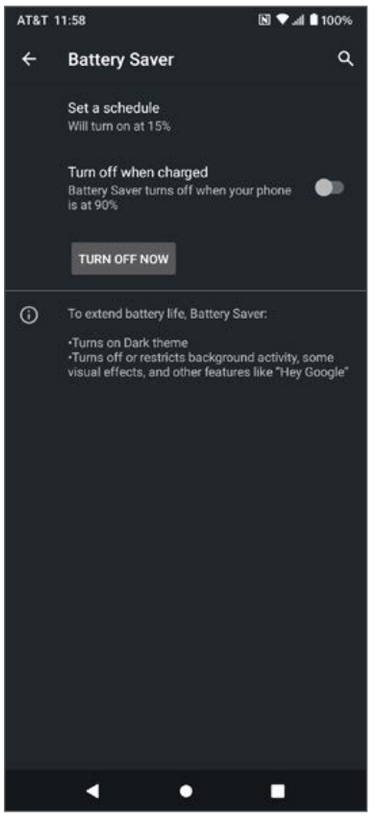
Battery Saver

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Battery** > **Battery Saver**.

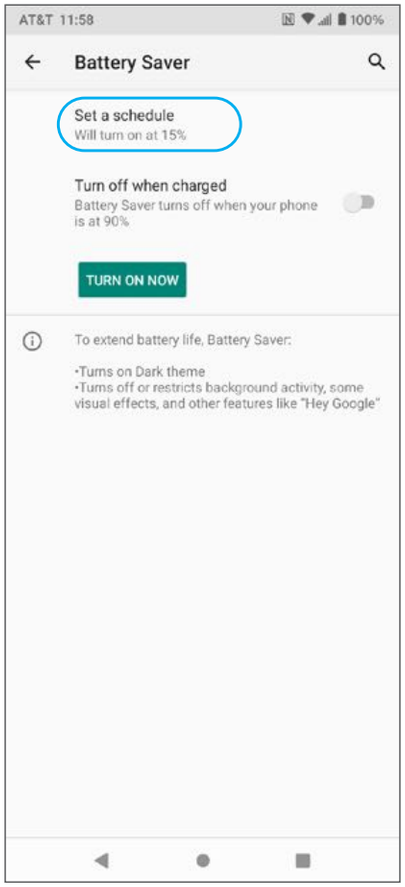
- Tap TURN ON NOW to turn the **Battery Saver** on, or tap TURN OFF NOW to turn the **Battery Saver** off. The **Battery Saver** will automatically turn off when the phone is plugged in and turn on when the phone is unplugged.

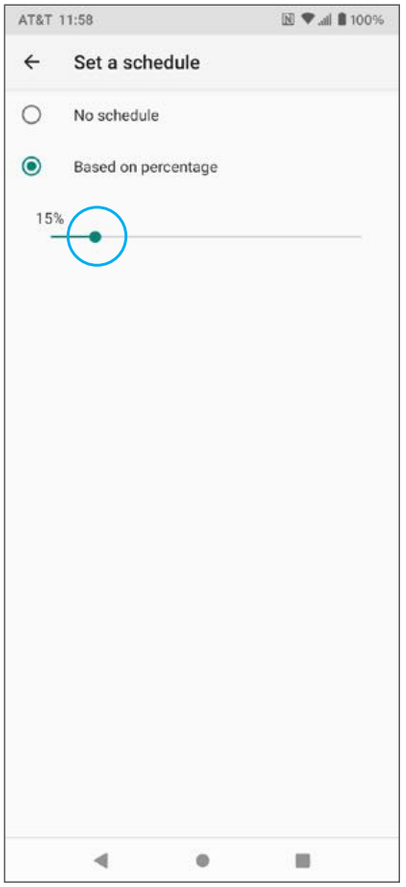






- **Set a schedule:** Tap **Based on percentage** and drag the slider to the percentage you need. The Battery Saver will turn on automatically when your phone reaches that battery percentage.





Battery Manager

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Battery** > **Battery Manager**.
3. Slide the **Use Battery Manager** switch to the **On** position to enable the battery manager.

Battery percentage

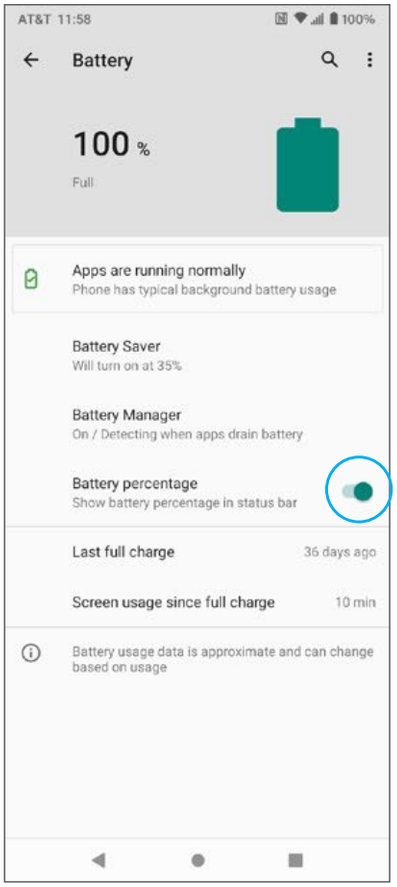
1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Battery** > **Battery percentage**.
3. Slide the switch to the **On** position to show the battery percentage in the Status bar.

Last full charge

View the time of the last full charge.

Screen usage since full charge

View the amount of screen usage since the last full charge.

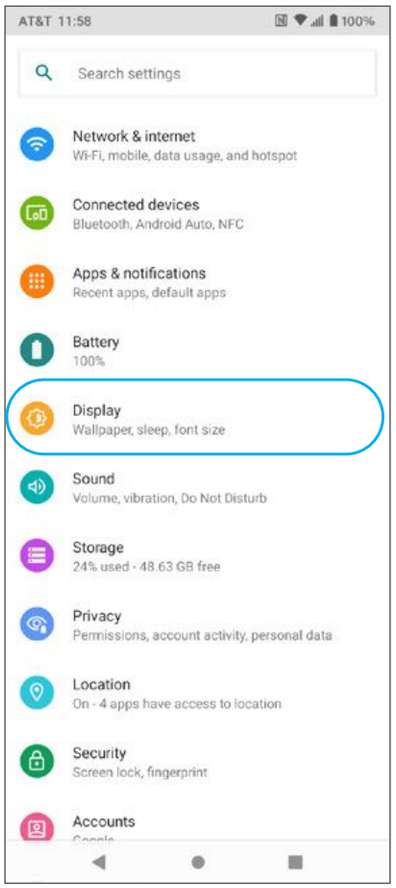


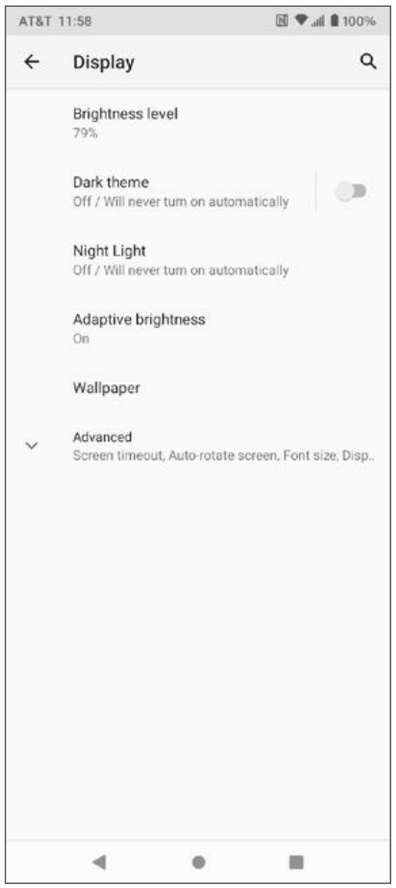
Display

Use the phone's Display settings menu to adjust items such as wallpaper, brightness, screen timeout, and more.

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .

2. Tap **Display** .





Brightness level

Tap to adjust the screen brightness level. Drag the slider to manually adjust the brightness level.

Dark theme

Slide the switch to the **On** position to enable Dark theme.

Night Light

Tap to set a Night Light schedule and intensity. You can also enable automatic Night Light until sunrise.

Adaptive brightness

Slide the switch to the **On** position to enable Adaptive brightness. When turned on, your phone will automatically adjust screen brightness based on the lighting conditions.

Wallpaper

Set the wallpaper on the phone. Choose from Gallery Go and Wallpapers.

Screen timeout

Tap to set screen timeout. Your screen will automatically go to sleep after the set amount of time.

Auto-rotate screen

Slide the switch to the **On** position to enable screen rotation.

Font size

Drag the slider to adjust the font size.

Display size

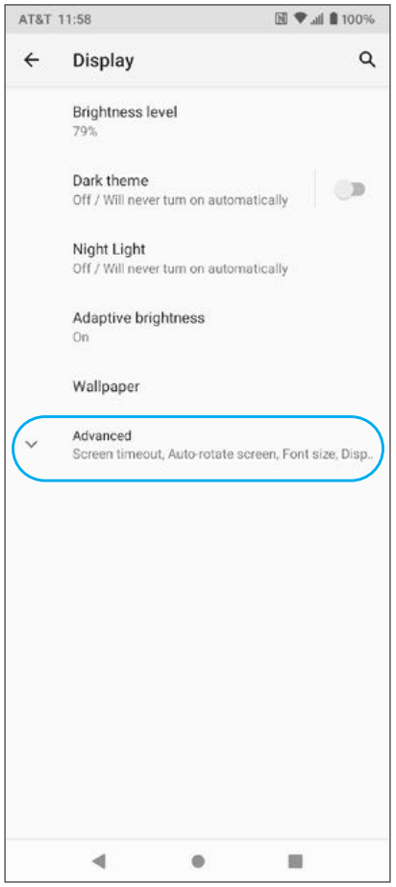
Drag the slider to adjust the display size.

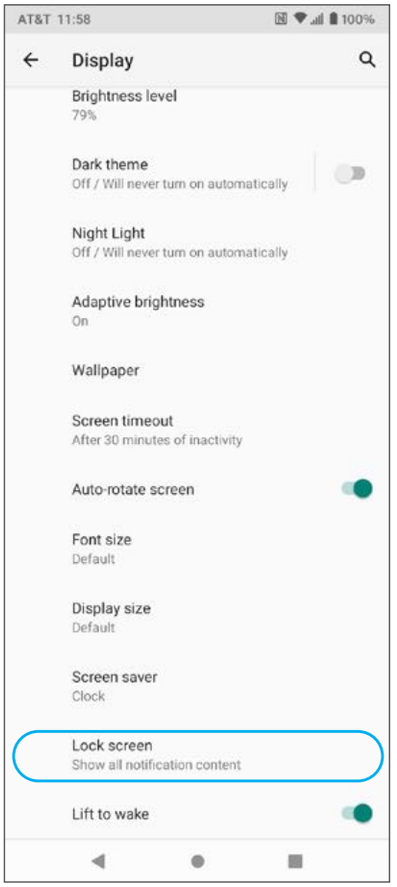
Screen saver

Set the screen saver, adjust screen saver settings, and set the time to activate the screen saver.

Lock screen display

Manage what will show on the lock screen.





Lift to wake

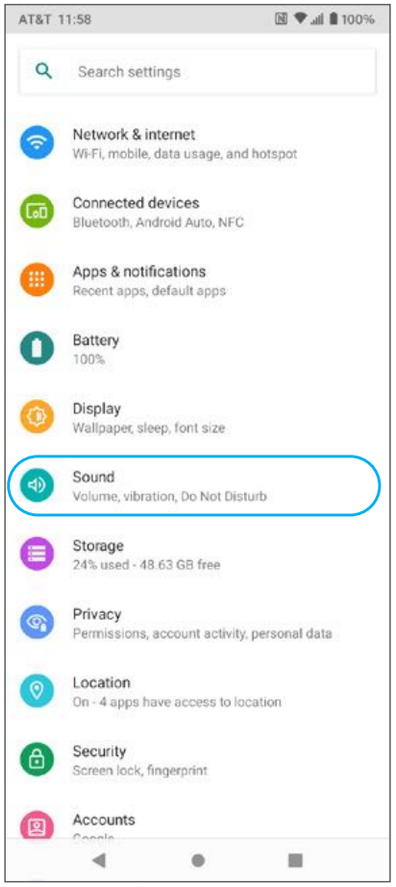
Slide the switch to the **On** position to enable Lift to wake.

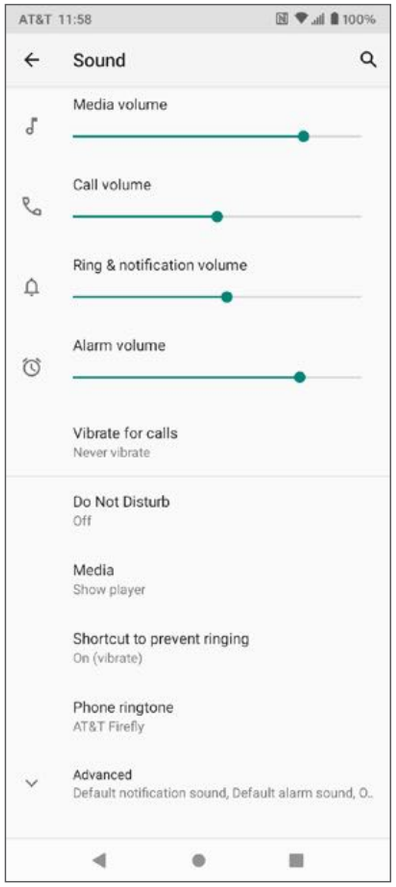
Sound

The Sound settings menu lets you control your phone's audio, from ringtones and alerts to tap tones and notifications.

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .

2. Tap **Sound** .





Media volume

Drag the slider to adjust the media and alert notification volume.

Call volume

Drag the slider to adjust the call volume.

Ring volume

Drag the slider to adjust the ring volume.

Alarm volume

Drag the slider to adjust the alarm volume.

Vibrate for calls

Slide the switch to the **On** position to activate vibration for calls.

Do Not Disturb

Tap to manage Do Not Disturb settings. Some notifications will be silenced when Do Not Disturb is turned on.

Media

Hide player when the media session has ended.

Shortcut to prevent ringing

Tap to set the key shortcut to prevent ringing.

Phone ringtone

Select a ringtone for incoming phone calls. You can customize your own ringtone by tapping + **Add ringtone**.

Default notification sound

Select the default notification sound. You can customize your own notification sound by tapping + **Add notification**.

Default alarm sound

Select the default alarm sound. You can customize your own alarm sound by tapping + **Add alarm**.

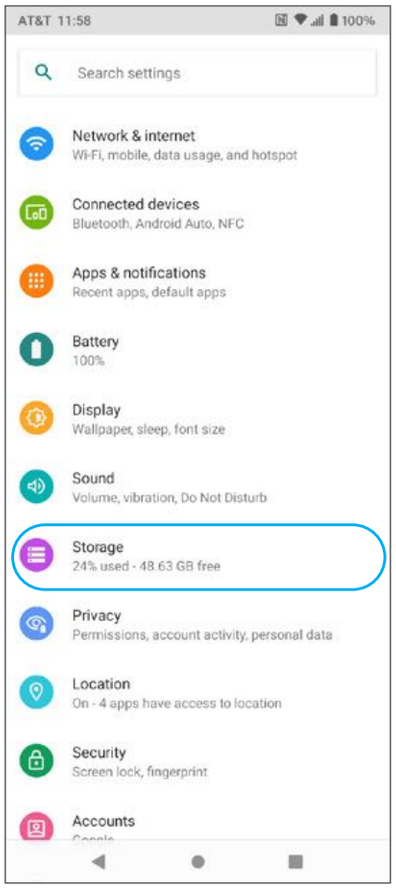
Other sounds and vibrations

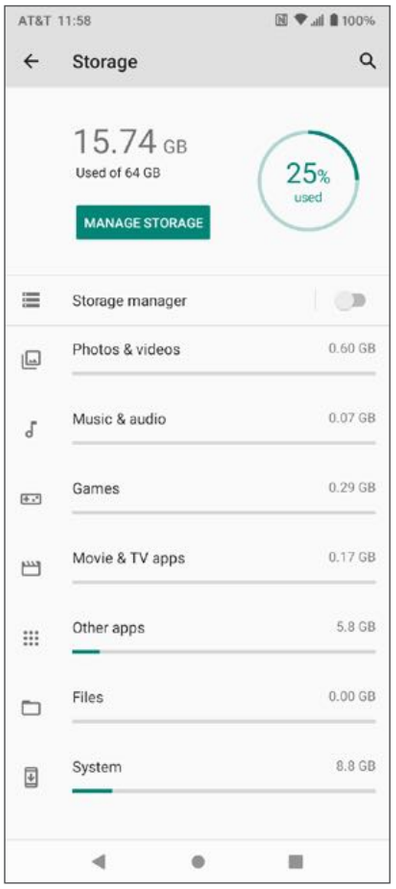
- **Dial pad tones:** Enable or disable dial pad tones.
- **Screen locking sounds:** Enable or disable screen locking sounds.
- **Charging sound and vibration:** Enable or disable the charging sound and vibration.
- **Touch sounds:** Enable or disable touch sounds.
- **Touch vibration:** Enable or disable touch vibration.
- **Sound enhancement:** Volume booster for speaker.

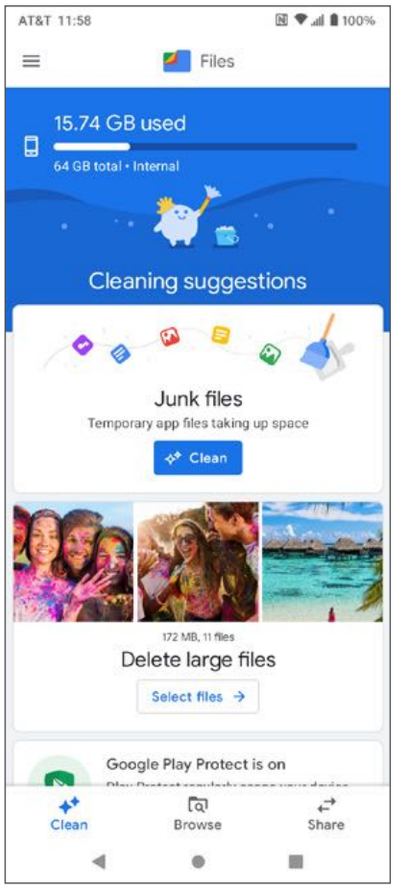
Storage

The Storage settings menu allows you to manage internal storage on your phone and provides menu choices for an optional SD card (not included).

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Storage** .
3. Tap **Internal shared storage**, then tap an app category to view the storage amount used by each app.
4. Delete backed up files by tapping **FREE UP SPACE**.







Storage manager

Storage manager removes backed up photos and videos from your device.

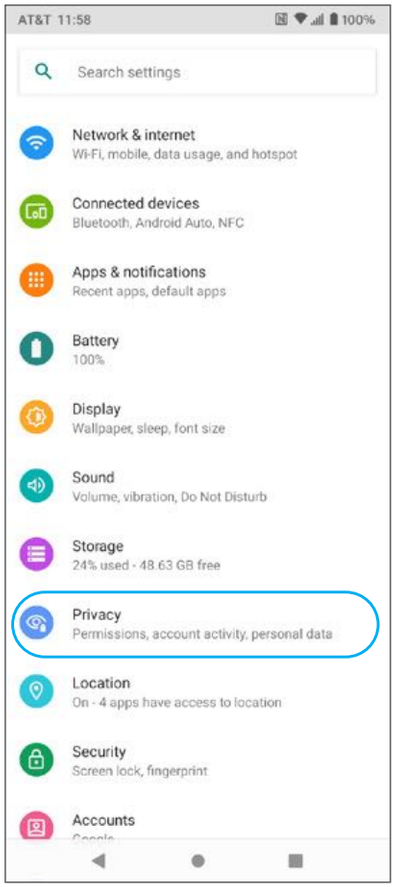
1. Slide the switch to the **On** position to enable Storage manager.

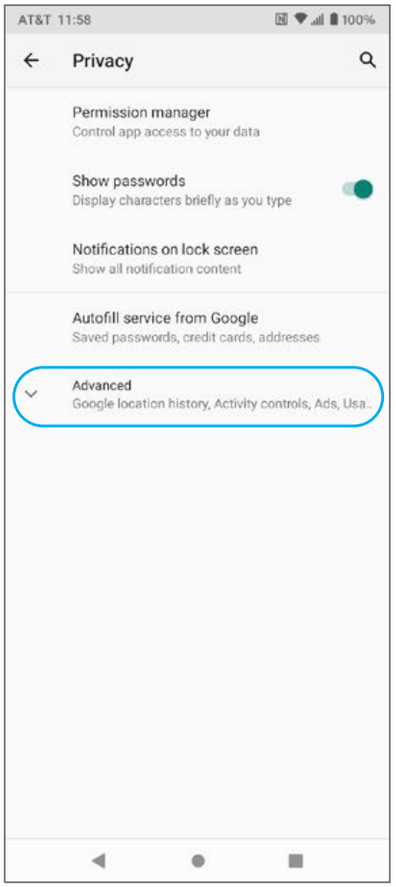
Privacy

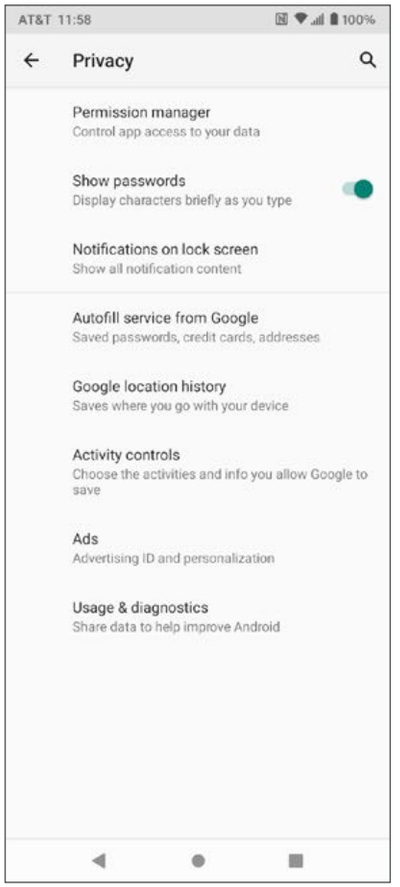
The Privacy settings will help you to secure your device, protect your data, and keep your privacy.

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .

2. Tap **Privacy** .







Permission manager

Control permission for apps that use your camera, location, microphone, contacts, storage, etc.

Show passwords

Display characters briefly as you type passwords.

Notifications on lock screen

Choose to show or hide notification content on the lock screen.

Autofill service from Google

Autofill your information from your Google account.

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Privacy** > **Autofill service from Google** > **CONTINUE**.
3. Fill in the categories with information you'd like to autofill such as address, payment methods, etc.

Google location history

Tap to view your location history.

Activity controls

Choose the activities and information you allow Google to save.

Ads

Tap to control advertising ID and personalization.

Usage & diagnostics

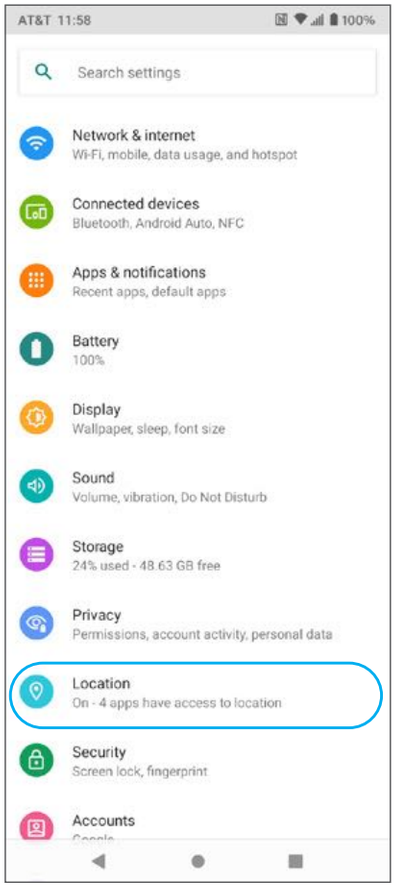
Share data to help improve Android.

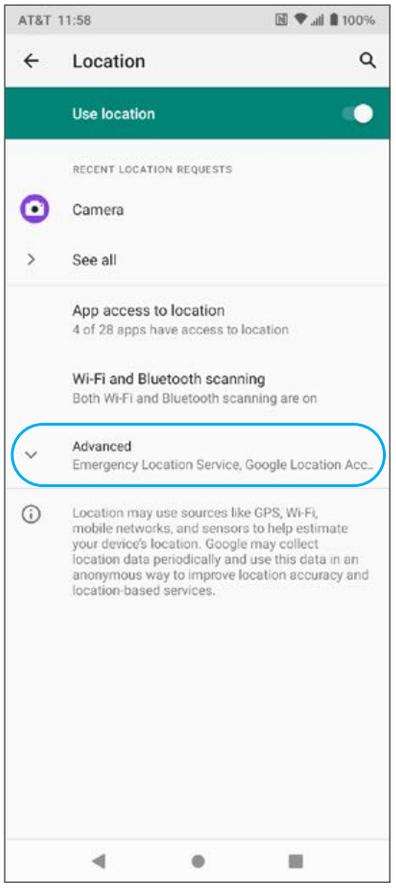
1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Privacy** > **Advanced** > **Usage & diagnostics**.
   - Slide the switch to the **On** position to enable Usage & diagnostics.

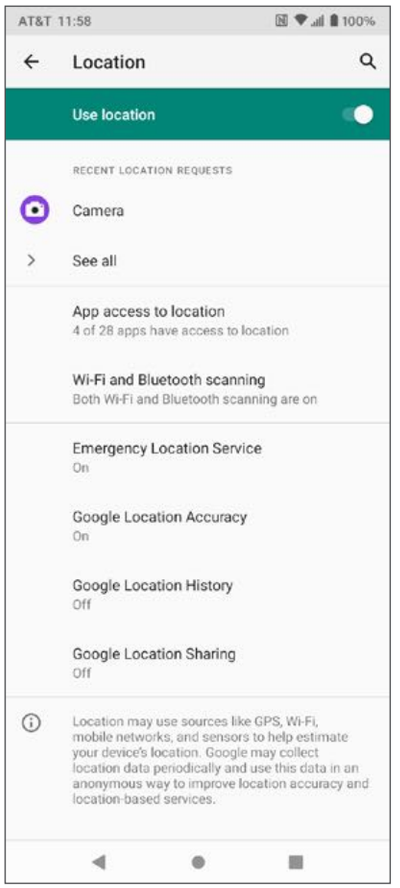
Location

The Location settings will help you to secure your device, protect your data, and keep your privacy.

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Location** .
3. Slide the use location switch to the **On** position to turn location services on.







Recent location requests

View a list of apps that have recently requested your location.

App access to location

Tap to view which apps have permission to access location services.

Wi-Fi and Bluetooth scanning

- **Wi-Fi scanning:** Improve location accuracy by allowing system apps and services to detect Wi-Fi networks at any time.
- **Bluetooth scanning:** Improve location accuracy by allowing system apps and services to detect Bluetooth devices at any time.

Emergency Location Service

Slide the switch to the **On** position to turn Emergency Location Services (ELS) on. When you call or text an emergency number, your device will use ELS to automatically send your location to emergency responders.

Google Location Accuracy

Slide the Google Location Accuracy switch to the **On** position to use GPS, Wi-Fi, Bluetooth, mobile networks, and sensors to determine your location.

Google Location History

Tap to view your location history.

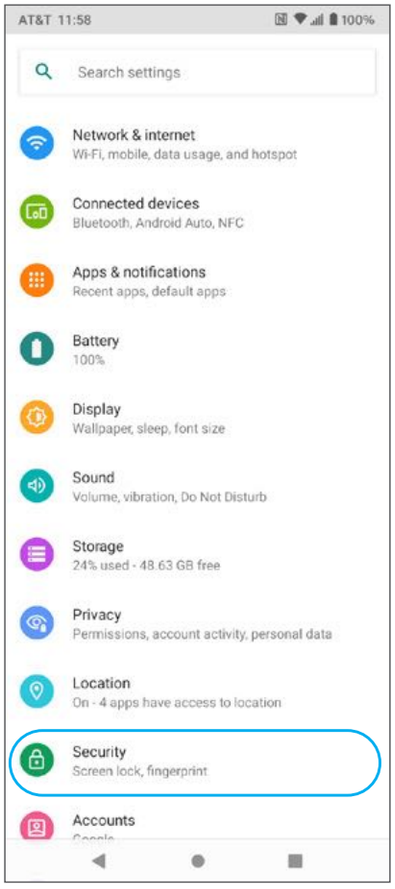
Google Location Sharing

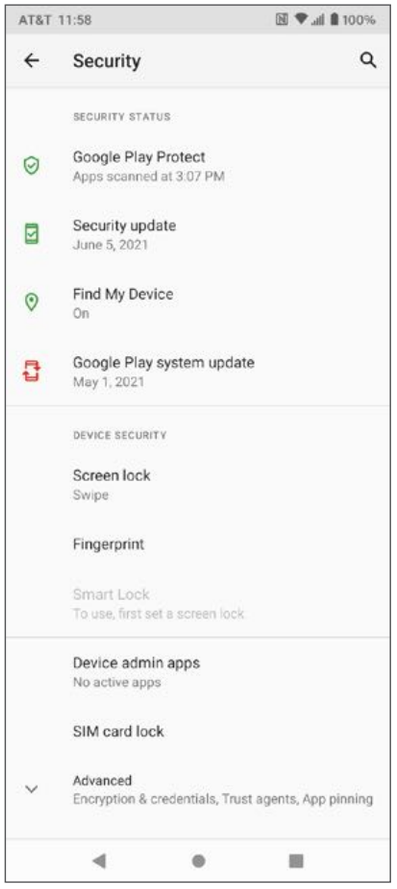
Tap to share your location.

Security

The Security settings will help you to secure your device, protect your data, and keep your privacy.

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Security** .





Google Play Protect

Google will regularly check your device and prevent/warn you of potential harm. Only apps from Play Store will be checked.

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Security** > **Google Play Protect**.
   - Tap **Scan** to start scanning your device for harmful apps.
   - Tap **Settings** to view Play Protect settings:
     - Slide the **Scan apps with Play Protect** switch to the **On** position to enable regular scanning for harmful apps on your device.
     - Slide the **Improve harmful app detection** switch to the **On** position to enable sending unknown apps to Google for better detection.

Security update

Check for new software updates for your device.

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Security** > **Security update**.
3. Tap **Check for update** to check for updates.

Find My Device

Find My Device helps you locate your device remotely, keeping your data safe in the event that your phone is lost.

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Security** > **Find My Device**.

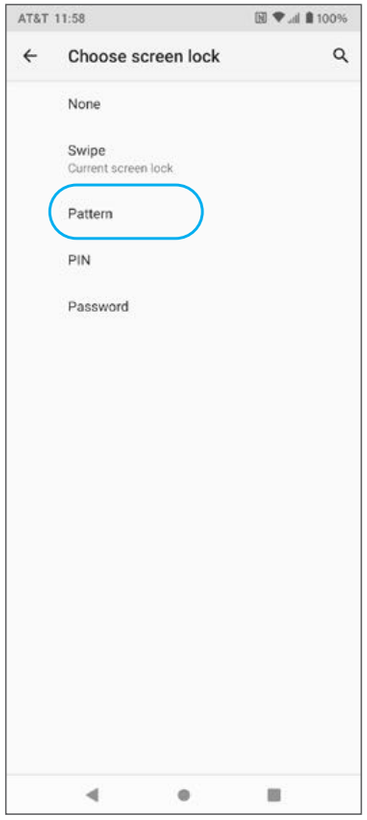
3. Slide the switch to the **On** position to activate Find My Device.

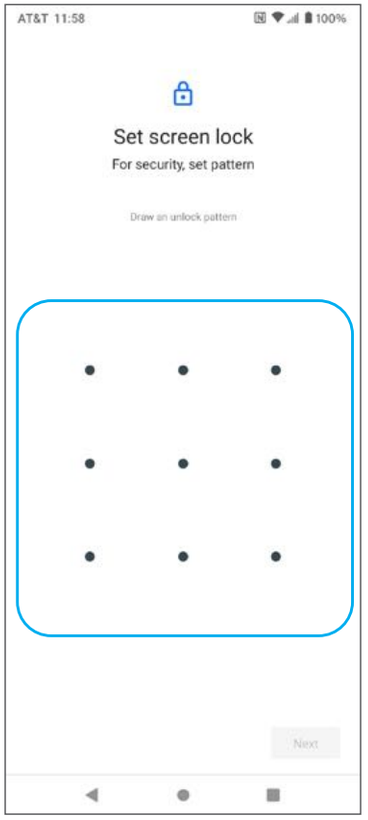
Google Play system update

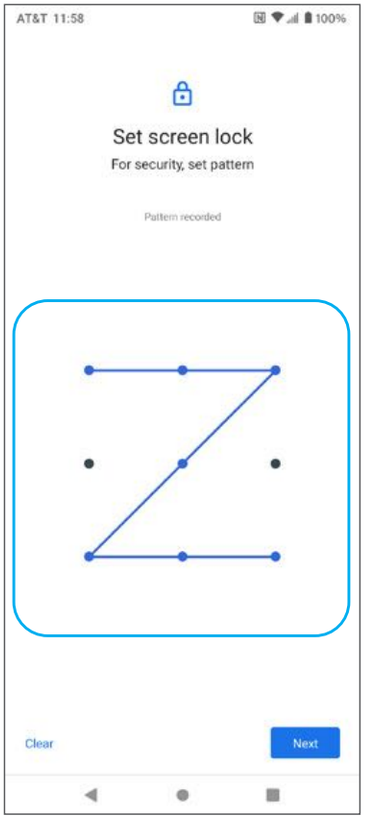
Check for new Google Play system updates for your device.

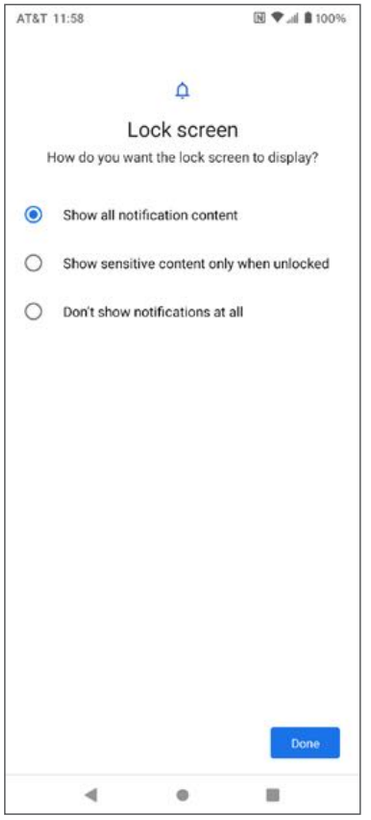
1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Security** > **Google Play system update**.

Screen lock









1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Security** > **Screen lock**.
   - **None:** Disable any screen lock.

- **Swipe:** Tap to set swipe to unlock.
- **Pattern:** Tap to set an unlock pattern. Follow the prompts to finish the settings.
- **PIN:** Tap to set a PIN code as the screen unlock method.
- **Password:** Tap to set a password as the screen unlock method.

Important: To protect your phone and data from unauthorized access, it is recommended that you use the highest security level available (Password protection). It is also recommended you frequently change your password to ensure the safety of your phone and personal data. If you failed to enter the correct pattern, PIN, or password, after five attempts, you will be prompted to wait for 30 seconds before you can try again.

3. Tap next to Screen lock to adjust some settings on screen lock.

- **Make pattern visible:** Slide the switch to the **On** position to make the pattern visible.
- **Automatically lock:** Tap to set an automatic lock timer.
- **Power button instantly locks:** Slide the switch to the **On** position to activate instant lock with the power button.

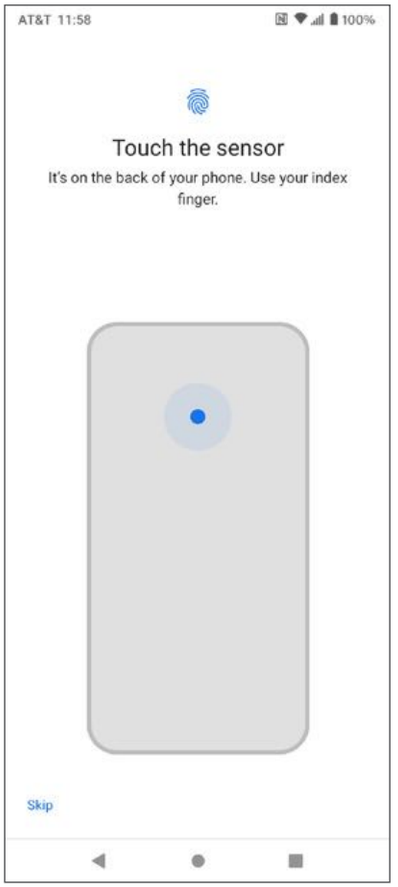
Note: "Make pattern visible" is only available when pattern screen lock is set.

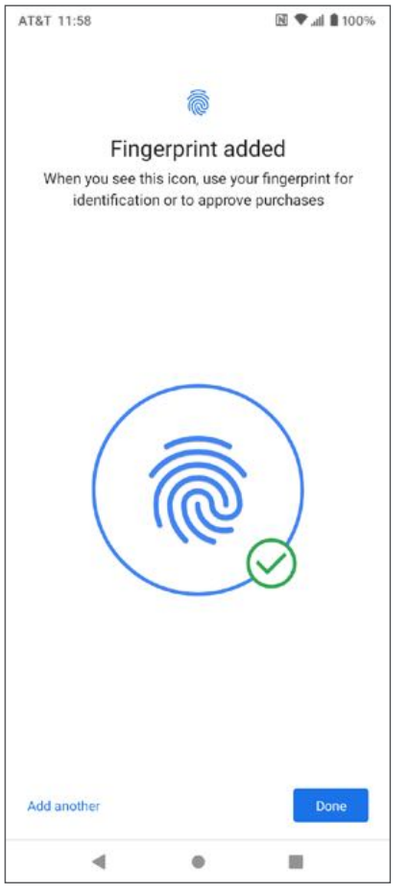
Fingerprint

In addition to unlocking your phone, you can also use your fingerprint to authorize purchases and app access.

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .

2. Tap **Security** > **Fingerprint**.





Add a fingerprint

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Security** > **Fingerprint**.
3. Enter your pattern, PIN, or password.
4. Tap Next. Put your finger on the sensor on the back of your phone and lift after you feel a vibration. Keep pressing and lifting your finger to add the different parts of your fingerprint.
5. Tap the to delete a saved fingerprint.

Note: To add a fingerprint, you must choose your backup screen lock method.

Smart Lock

Unlock your device automatically in certain conditions.

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Security** > **Smart Lock**.
   - **On-body detection:** Tap and slide the switch to the **On** position tto activate. Your device will now be kept unlocked while it is on you.
   - **Trusted places:** Tap to add a trusted location where the device can remain unlocked.
   - **Trusted devices:** Tap to add a second device that keeps your device unlocked when it is nearby.

Device admin apps

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Security** > **Device admin apps**.
3. Enable or disable Device admin apps according to your preference.

SIM card lock

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Security** > **SIM card lock**.
   - Slide the **Lock SIM card** switch to the **On** position to enable SIM card lock. SIM lock will require you to enter a PIN to use your device.
   - Tap **Change SIM PIN** to change the PIN code.

Encryption & credentials

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Security** > **Encryption & credentials**.
   - **Encrypt phone:** Your phone is already encrypted.
   - **Storage type:** Your phone's credential storage type is hardware-backed.
   - **Trusted credentials:** Tap to view trusted security certificates.
   - **User credentials:** Tap to view and modify stored credentials.
   - **Install a certificate:** Tap to install certificate from SD card.
   - **Clear credentials:** Tap to remove all certificates.

Trust agents

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Security** > **Trust agents**.
3. View your trusted agents. Slide the switch to the **On** or **Off** position to turn them on or off.

App pinning

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Security** > **Advanced** > **App pinning**.
3. Slide the switch to the **On** or **Off** position to turn it on or off. When turned on, you can use app pinning to keep the current screen in view until you unpin.

Accounts

Set up and manage all of your accounts, including your Google Account and other social networking accounts, through the Accounts settings menu.

Add account

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Accounts** > **Add account**.
3. Tap the type of account you want to add.
4. Follow the prompts to enter your credentials and set up the account.
   - For more information about setting up a Google account, see *"Google account" on page 41*.

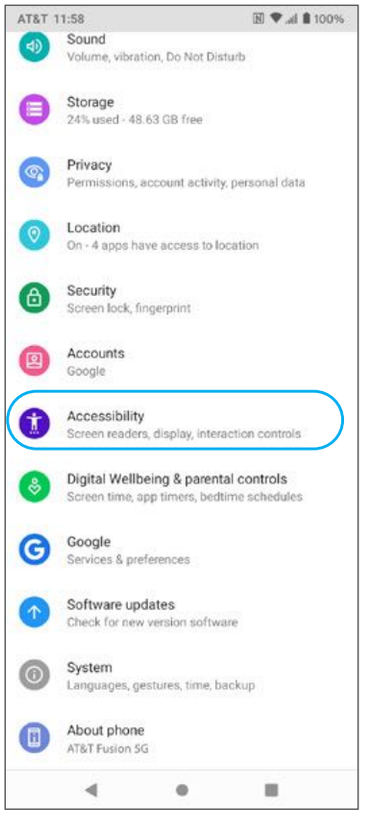
Automatically sync data

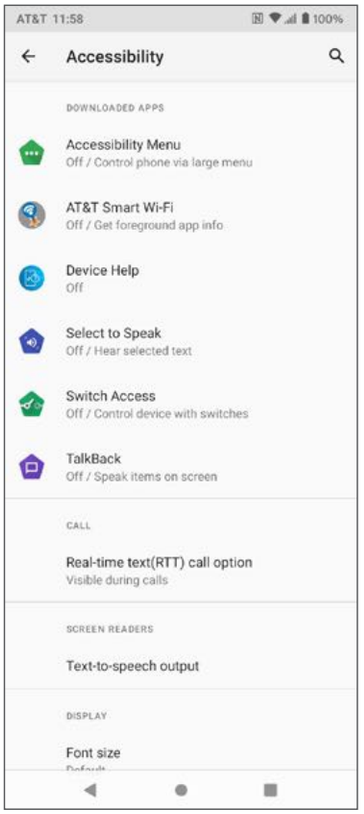
1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Accounts** > **Automatically sync data**.
3. Slide the **Automatically sync data** switch to the **On** position to activate automatic data syncing.

Accessibility

The Accessibility settings menu allows you to manage accessibility-related apps. Accessibility services are special features to make the device easier to use for those with certain physical disabilities.

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Accessibility** .





Downloaded services

View a list of downloaded accessibility apps.

Real-Time text (RTT) call option

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .

2. Tap **Accessibility** > **Real-Time text call**.

3. Manage RTT call options.

   - Tap **RTT call button** and select **Always Visible** to always have access to the RTT call button, and to turn the transcript of history on and off.

Text-to-speech output

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .

2. Tap **Accessibility** > **Text-to-speech output**.

   - **Preferred engine:** Tap to set the text-to-speech engine (Google is default). Tap to manage text-to-speech settings.
   - **Language:** Tap to set the language for using this function.
   - **Speech rate:** Drag the slider to adjust speech rate.
   - **Pitch:** Drag the slider to adjust pitch.
   - Tap **PLAY** to play the example.
   - Tap **RESET** to reset all Text-to-speech settings to the default settings.

Display

- **Font size:** Drag the slider to adjust the font size.
- **Display size:** Drag the slider to make the items on your screen smaller or larger.
- **Dark theme:** Enable the dark theme.
- **Magnification:** Enable screen magnification.
  - **Magnify with triple-tap:** Slide the switch to the **On** or **Off** position to enable or disable magnification after tapping three times.

- **Magnify with shortcut:** Slide the switch to the **On** or **Off** position to enable or disable zooming in on the screen by pinching or touching and holding.

- **Color correction:** Enable color correction. This may affect performance.
- **Color inversion:** Enable color inversion. This may affect performance.
- **Large mouse pointer:** Enable the large mouse pointer function.
- **Remove animations:** Enable or disable animations.

Interaction controls

- **Autoclick (dwell timing):** Enable automatic clicking when using a mouse. When enabled, you can drag the slider to adjust the amount of time between the mouse stopping and the click.
- **Power button ends call:** Enable ending calls by pressing the **Power** key.
- **Auto-rotate screen:** Enable or disable screen rotation. See *"Portrait and landscape screen orientation" on page 26* for more information.
- **Touch & hold delay:** Set the touch & hold delay to **Short**, **Medium**, or **Long**.
- **Time to take action (Accessibility timeout):** Choose how long to show messages that ask you to take an action.
- **Vibration & haptic strength:** Enable or disable ring, notification, and touch feedback vibration.
- **System navigation:** Choose to customize gesture of navigation to go Home, swipe up from the bottom of the screen, or use button navigation.

Audio & on-screen text

- **Mono audio:** Enable combining channels when playing audio.
- **Audio balance:** Adjust the audio balance from the speaker.

- **Hearing aids:** Tap to pair your hearing aid device. Make sure your hearing aids are in pairing mode.
- **Caption preferences:** Enable or disable captions. You can also set caption display language, text size, and caption style.

Experimental

- **High contrast text:** Enable high contrast text display.

Shortcut from lock screen

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Accessibility** > **Shortcut from lock screen**.
3. Slide the switch to the **On** position to enable the Volume key shortcut.
   - When the shortcut function is turned on, you can press both Volume keys for 3 seconds to access accessibility services.
   - Tap **Shortcut service** to select the accessibility service to be activated with the Volume key shortcut function.
   - Slide the **Allow from lock screen** switch to the **On** position to enable using the Volume key shortcut from the lock screen.

Digital Wellbeing & parental controls

Your Digital Wellbeing tools

Use app timers and other tools to keep track of screen time and unplug more easily.

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Digital Wellbeing & parental controls** .

Ways to disconnect

- **Dashboard:** View your screen time and set timers for your apps.
- **Focus mode:** Pause distracting apps when you need time to focus.

Reduce interruptions

- **Manage notifications:** Enable or disable the notifications of apps.
- **Do Not Disturb:** Mute your device, but allow exceptions such as calls or texts from certain contacts.

Show icon in the app list

Slide the switch to the **On** position to enable icons in the app list.

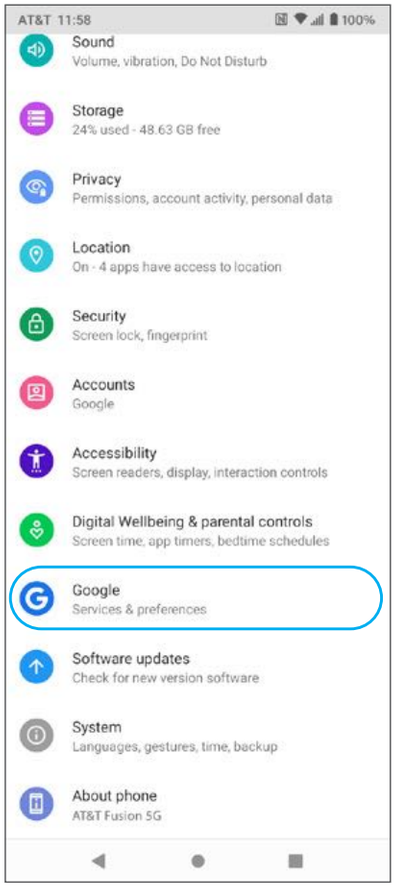
Parental controls

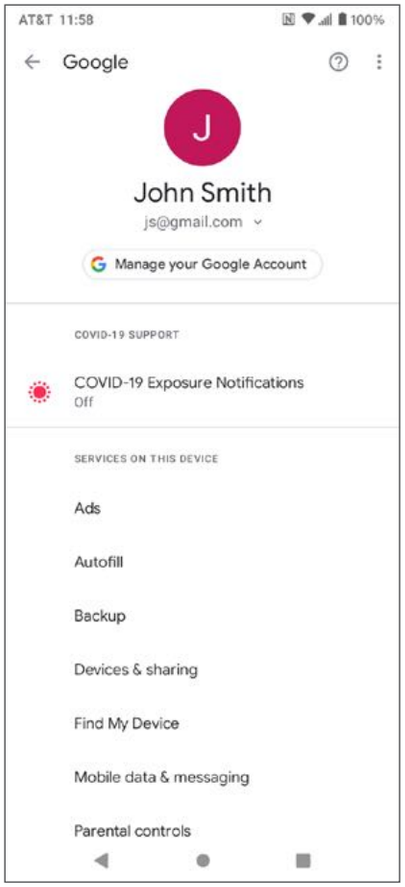
Add content restrictions and set other limits to help your child balance their screen time.

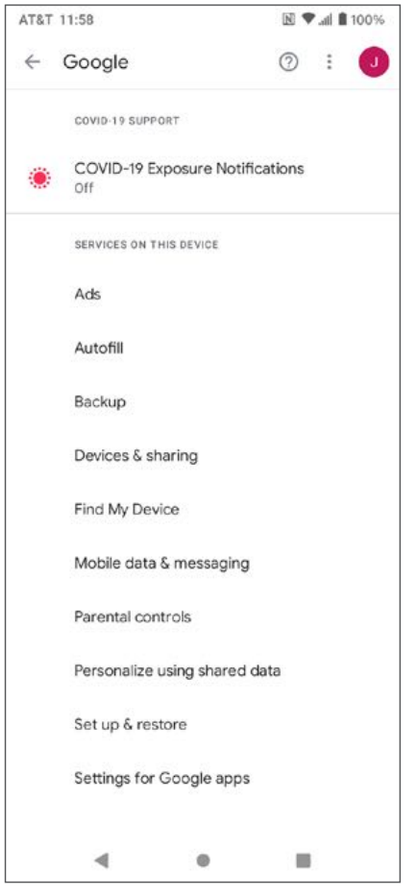
Google

Configure your device's Google settings. Available options depend on your Google account.

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **Google** .
3. Select an option to customize your Google account settings.







Software updates

Check for new version software.

System

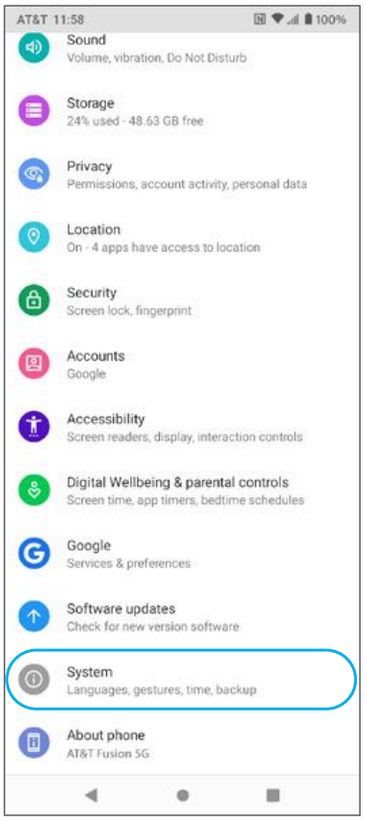
Manage detailed settings for your phone, including language and input settings, battery and storage, date and time, etc.

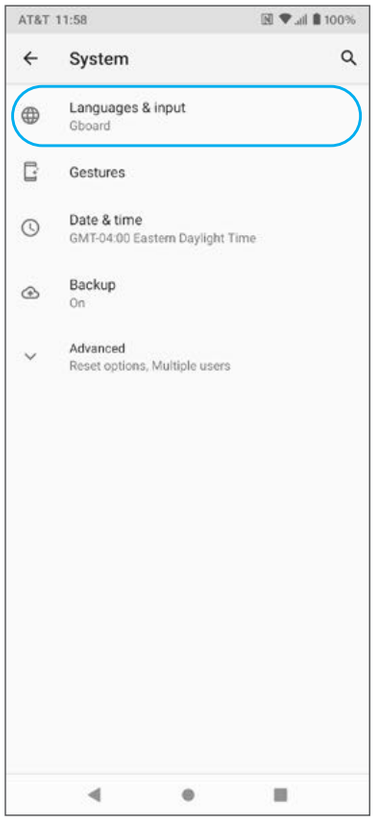
Languages & input

Set the language for the phone's menus and keyboards, select and configure keyboard settings, configure speech input settings, and more.

Languages

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **System** > **Language & input** > **Languages**.
3. View your languages.
   - When more than one language has been added, you can touch and hold the language, then drag it up to the first position to set as the default display language.
   - To add a language, tap **Add a language**, then select the language you want to add.
   - To remove a language, tap **Menu** > **Remove**.





Keyboards

- **Virtual keyboard:** View your virtual keyboard settings.
  - **Manage keyboards:** Activate or deactivate your virtual keyboards.
- **Physical keyboard:** View your physical keyboard settings.
  - **Show virtual keyboard:** Slide the switch to the **On** or **Off** position to enable or disable displaying a virtual keyboard while a physical keyboard is active.
  - **Keyboard shortcuts helper:** Tap to set keyboard shortcuts.

Advanced

- **Spell checker:** Slide the switch to the **On** or **Off** position to enable or disable the spell checker.

- **Autofill service:** Enable or disable the autofill function.
- **Personal dictionary:** Add custom words to your personal dictionary. Tap **Add** + to add a word to the dictionary.
- **Pointer speed:** Set the speed of the pointer for a mouse/track pad.
- **Text-to-speech output:** Manage settings on the text-to-speech function.

Gestures

Quickly open camera

Open the Camera app from any screen by quickly pressing the **Power** key twice. Slide the switch to the **On** position to enable.

System navigation

- **Gesture navigation:** To go Home, swipe up from the bottom of the screen. To switch apps, swipe up from the bottom, then release. To go back, swipe from either the left or right edge.
- **3-button navigation:** Go back, Home, and switch apps with buttons at the bottom of your screen.

Prevent ringing

Press the **Power** key and the **Volume up** key together to activate Vibrate or Mute mode. Slide the switch to the **On** position to enable the Prevent ringing function.

Power menu

Slide the switch to the **On** position to show device controls to access controls for connected devices by holding the Power button.

Date & time

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **System** > **Date & time**.
   - **Use network-provided time:** Tap to automatically use the time and date provided by a connected Wi-Fi network. Disable this function to manually enter the date and time.
   - **Set date:** Tap to set date manually. This option is available only when the **Use network/GPS-provided time** function is disabled.
   - **Set time:** Tap to set time manually. This option is available only when the **Use network/GPS-provided time** function is disabled.
   - **Automatic time zone:** Slide the switch to the **On** position to automatically set the time zone.
   - **Select time zone:** Manually select your time zone. This option is available only when the **Automatic time zone** function is disabled.
   - **Use locale default:** Slide the switch to the **On** position to use the default time format.
   - **Use 24-hour format:** Slide the switch to the **On** position to enable the 24-hour time format.

Backup

Your phone's Backup settings let you back up your phone's data and settings to Google servers before resetting your phone to the original factory settings.

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **System** > **Backup**.
3. Slide the **Back up to Google Drive** switch to the **On** or **Off** position to enable or disable automatic backup to your Google Drive.

Reset options

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **System** > **Reset options**.
   - **Reset Wi-Fi, mobile & Bluetooth:** Reset all network settings, including Wi-Fi, Mobile data, and Bluetooth. Tap **RESET SETTINGS** to reset.
   - **Reset app preferences:** Reset all app preferences, including disabled apps, disabled app notifications, default apps, background data restrictions, etc. Tap **RESET APPS** to reset.
   - **Erase all data (factory reset):** Completely erase all data from your phone's internal storage and reset the device to factory settings. Tap **Erase all data** to reset.

Note: Performing a factory reset will also erase any data on an installed SD card. Unmount the card to avoid losing any data you may have stored on it.

Multiple users

You can share this device with other people by creating additional users. Each user has their own space, which they can customize with apps, wallpaper, and so on. Users can also adjust device settings like Wi-Fi that affect everyone.

Edit your profile

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **System** > **Multiple users** > **You (Owner)**.
3. Enter a name.
4. Add a photo.
5. Tap **OK** to confirm.

Add a new user

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **System** > **Multiple users**.
3. Tap **Add user** > **OK** > **SET UP NOW** to set up a new user.

Switch users

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **System** > **Multiple users**.
3. Tap the name of the user you want to switch to.
4. Restart the phone to switch back to the Owner/Admin profile.

Delete users

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .
2. Tap **System** > **Multiple users**.
3. Under the Owner/Admin user profile, tap beside the user profile you want to delete.
4. Tap **Delete user** > **DELETE** to remove the user.
5. Other users can delete their own profiles by tapping **Menu** > **Delete [name of user] from this device** > **DELETE**.

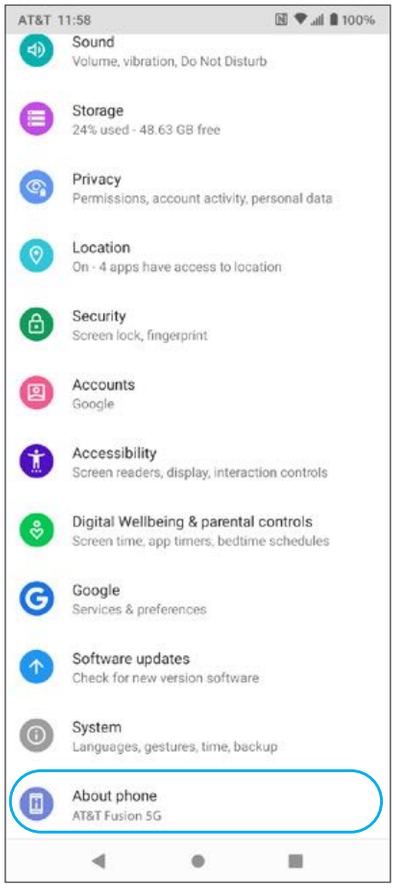
Note: All apps and data stored on the user's profile will also be deleted.

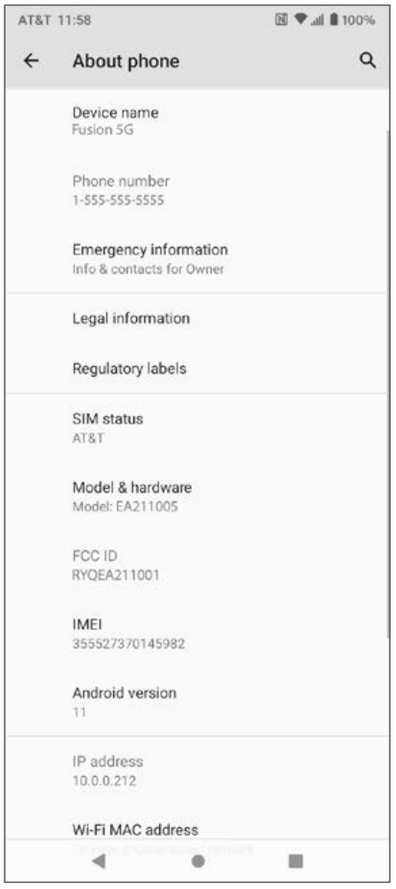
About phone

Access important phone information, search for and apply updates, and view legal and safety information.

1. From the Home screen, swipe up to access **Apps** and tap **Settings** .

2. Tap **About phone** .





- **Device name:** Tap to edit your phone's display name.
- **Phone number:** Display your phone number.
- **Emergency information:** Add medical information and emergency contacts to help first responders in an emergency. Anyone can read this information from your lock screen and dial your emergency contacts without unlocking your phone.
  - **Medical information:** Add your medical information such as your name, address, blood type, allergies, etc.
  - **Emergency contacts:** Choose contacts as your emergency contacts to be accessed from the lock screen in case of an emergency.
- **Legal information:** View your device's legal information, including third-party licenses, Google legal, system web view licenses, etc.
- **Regulatory labels:** View your device's regulatory labels, including IMIE, SKU, and MFD DATE.
- **SIM status:** View your SIM status information, such as the Network, Phone number on SIM, Mobile network state, etc.
- **Model & hardware:** View your device model and hardware information.
- **FCC ID:** View your device FCC ID number.
- **IMEI:** View your IMEI.
- **Android version:** View your device's current Android version and other relevant information.
- **IP address:** View your IP address.
- **Wi-Fi MAC address:** View your Wi-Fi MAC address.
- **Device Wi-Fi MAC address:** View your Device Wi-Fi MAC address.
- **Bluetooth address:** View your Bluetooth address.
- **Up time:** View your current running up time.
- **Build number:** View your build number.

Getting help

The topics in this section will cover troubleshooting tips and phone specifications.

For assistance

Troubleshooting

Check below for solutions to common problems you may experience.

Problem: The phone freezes or operations are unstable.

Solution: Restart the device. Press and hold the **Power** key, then tap **Restart**.

Note: Data that was being edited will be erased when the device is restarted.

Problem: The device starts freezing after installing a new app.

Solution: The newly-installed app may be causing the device to freeze. Uninstall the app in Safe mode. To enable Safe mode:

- Press and hold the **Power** key, then touch and hold **Power off**. Read the disclaimer for Safe mode, and then tap **OK**.
    - After turning the phone on in Safe mode, "Safe mode" will appear at the bottom left corner.
    - After restarting in Safe mode, your phone can be powered on as usual.
    - Before enabling Safe mode, it is recommended that you back up important data.
- To exit Safe mode, restart the device. Press and hold the **Power** key, then tap **Restart**. The phone will reboot in normal mode.

Problem: The phone will not make calls, send messages, check email, or connect to the Internet.

- **Solution 1:** The network signal may be too weak or you may be out of the service area. Return to an area with a strong network signal.
- **Solution 2:** Restart the device. Press and hold the **Power** key, then tap **Restart**.
- **Solution 3:** Make sure Airplane mode is not active. From the Home screen, swipe up to access **Apps** and tap **Settings** > **Network & internet** > **Advanced** > **Airplane mode** and ensure the switch is in the **Off** position.
- **Solution 4:** Make sure mobile data is enabled. From the Home screen, swipe up to access **Apps** and tap **Settings** > **Network & internet** > **Mobile network** and ensure the switch is in the **On** position.

Problem: The battery drains too quickly.

Solution: Making calls or connecting to a mobile network outside of your service area will drain the battery. Certain apps and functions can also drain the battery.

Tip: You can enable the Battery Manager to help identify which apps are draining the battery. From the Home screen, swipe up to access **Apps** and tap **Settings** > **Battery** > **Battery Manager** and slide the switch to the **On** position.

Problem: An app will not download or install.

- **Solution 1:** Make sure the device has room for the app. Apps may not be installed with minimal free space on the phone or SD card. To check free storage space, see *"Storage" on page 163*.
- **Solution 2:** The app is not supported by your phone. Make sure your software version is up to date and download any updates.

Problem: The phone will not unlock.

- **Solution 1:** Make sure you entered your pattern/PIN/password correctly.
- **Solution 2:** Restart the device. Press and hold the **Power** key, then tap **Restart**.

Note: Data that was being edited will be erased when the device is restarted.

Specifications

The following tables list your phone's and battery's specifications.

Phone specifications

Specification	Description
Weight	Approx. 222g / 7.83oz
Continuous talk time	Up to 40 hours
Continuous standby time	Up to 26 days
Dimensions (W x H x D)	6.941 x 3.094 x 0.378in
Display	6.82" HD+ 1640 x 720 resolution 20.5:9 Aspect Ratio
Processor	MediaTek MT6833 Octa-core processor (2 x Cortex-A76 cores up to 2.2 GHz + 6 x Cortex-A55 cores up to 2.0 GHz)
Cameras	Rear: 48MP Main + 8MP Ultra Wide + 2MP Super Macro + 2MP Depth Front: 13MP
Memory	4GB RAM / 64GB ROM, expandable with microSD
Communication speed	UMTS: 850/1700/1900 LTE: B2, 4, 5, 12, 14, 29, 30, 66 5G: sub6 n2, n5, n66
Android version	Android™ 11

Battery specifications

Item	Description
Voltage	3.87 V
Type	Lithium-ion Polymer (Non-removable)
Capacity	Typical capacity: 4750 mAh

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Safety and use

The topics in this section will introduce how to use your mobile device safely.

Please read before proceeding

THE DEVICE IS NOT FULLY CHARGED WHEN YOU TAKE IT OUT OF THE BOX. DO NOT ATTEMPT TO REMOVE THE BATTERY PACK.

Important health information and safety precautions

When using this product, the safety precautions below must be taken to avoid possible legal liabilities and damages. Retain and follow all product safety and operating instructions. Observe all warnings in the operating instructions on the product.

To reduce the risk of bodily injury, electric shock, fire and damage to the equipment, observe the following precautions.

Electrical safety

This product is intended for use when supplied with power from the designated battery or power supply unit. Other usage may be dangerous and will invalidate any approval given to this product.

Safety precautions for proper grounding installation

Warning: Connecting to improperly grounded equipment can result in an electric shock to your device.

This product is equipped with a USB Cable for connecting with a desktop or notebook computer. Be sure your computer is properly grounded (earthed) before connecting this product to the computer. The power supply cord of a desktop or notebook computer has an equipment grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

Safety precautions for power supply unit

Use the correct external power source

A product should be operated only from the type of power source indicated on the electrical ratings label. If you are not sure of the type of power source required, consult your authorized service provider or local power company. For a product that operates from battery power or other sources, refer to the operating instructions that are included with the product.

This product should be operated only with the following designated power supply unit(s).

Travel charger: Input: 100-240V, 50/60Hz, 0.5A. Output: 5V, 3A or 9V, 2A or 12V, 1.5A.

Battery must be used with caution

This product contains a Lithium-ion battery. There is a risk of fire and burns if the battery pack is handled improperly. Do not attempt to open or service the battery pack. Do not disassemble, crush, puncture, short circuit the external contacts or circuits, dispose of in fire or water, or expose a battery pack to temperatures higher than 140°F (60°C). The operating temperature for the phone is -14°F (-10°C) to 113°F (45°C). The charging temperature for phone is 32°F (0°C) to 113°F (45°C).

Warning: Battery is non-removable. Do not attempt to remove the battery for danger of explosion.

To reduce risk of fire or burns, do not disassemble crush, puncture, short circuit the external contacts expose to temperature above 113°F (45°C), or dispose of in fire or water. Do not attempt to replace the non-removable battery. The phone and battery as a unibody device must be disposed of in accordance with locally applicable environmental regulations or guides supplied with your product.

Take extra precautions

- Do not disassemble or open, crush, bend or deform, puncture or shred.
- Do not short circuit a battery or allow metallic conductive objects to contact battery terminals.
- Only use the USB cable provided with the phone or that bear the USB-IF logo or have completed the USB-IF compliance program.
- Do not modify or remanufacture, attempt to insert foreign objects into the battery, immerse or expose to water or other liquids, expose to fire, explosion or other hazard.
- Device usage by children should be supervised.
- Only use the battery with a charging system that has been qualified with the system per CTIA Certification Requirement for Battery System Compliance to IEEE1725. Use of an unqualified battery or charger may present a risk of fire, explosion, leakage or other hazard.

- Avoid dropping the phone. If the phone is dropped, especially on a hard surface, and the user suspects damage, take it to a service center for inspection.
- Improper battery use may result in a fire, explosion or other hazard. If the battery leaks:
    - Do not allow the leaking fluid to come into contact with skin or clothing. If already in contact, flush the affected area immediately with clean water and seek medical advice.
    - Do not allow the leaking fluid to come into contact with eyes. If already in contact, DO NOT rub; rinse with clean water immediately and seek medical advice.
    - Take extra precaution to keep a leaking battery away from fire as there is a danger of ignition or explosion.

Safety precautions for direct sunlight

Keep this product away from excessive moisture and extreme temperatures. Do not leave the product inside a vehicle or in places where the temperature may exceed 131°F (55°C), such as on a car dashboard, window sill, or behind a glass that is exposed to direct sunlight or strong ultraviolet light for extended periods of time. This may damage or overheat the product, or pose a risk to the vehicle.

Prevention of hearing loss

Permanent hearing loss may occur if earphones or headphones are used at high volume for prolonged periods of time.

Safety in aircraft

Due to possible interference caused by this product to an aircraft's navigation system and its communications network, using this device's phone function on board an airplane is against the law in most countries. If you want to use this device when on board an aircraft, remember to turn off the RF on your phone by switching to Airplane Mode.

Environment restrictions

Do not use this product near gas stations, fuel depots, chemical plants or where blasting operations are in progress, or in potentially explosive atmospheres such as fueling areas, fuel storehouses, below deck on boats, chemical plants, fuel or chemical transfer or storage facilities, and areas where the air contains chemicals or particles, such as grain, dust, or metal powders. Please be aware that sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Explosive atmospheres

When in any area with a potentially explosive atmosphere or where flammable materials exist, the product should be turned off and the user should obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Users are advised not to use the equipment at refueling points, such as service or gas stations, and are reminded of the need to observe restrictions on the use of radio equipment in fuel depots, chemical plants, or where blasting operations are in progress. Areas with a potentially explosive atmosphere are often, but not always, clearly marked. These include fueling areas, below deck on boats, fuel or chemical transfer or storage facilities, and areas where the air contains chemicals or particles, such as grain, dust, or metal powders.

Road safety

Full attention must be given to driving at all times in order to reduce the risk of an accident. Using a phone while driving (even with a hands-free kit) causes distraction and can lead to an accident. You must comply with local laws and regulations restricting the use of wireless devices while driving.

Safety precautions for RF exposure

- Avoid using your phone near metal structures (for example, the steel frame of a building).
- Avoid using your phone near strong electromagnetic sources, such as microwave ovens, sound speakers, TV and radio.
- Use only original manufacturer-approved accessories, or accessories that do not contain any metal.
- Use of non-original manufacturer-approved accessories may violate your local RF exposure guidelines and should be avoided.

Interference with medical equipment functions

This product may cause medical equipment to malfunction. The use of this device is forbidden in most hospitals and medical clinics.

If you use any other personal medical device, consult the manufacturer of your device to determine if they are adequately shielded from external RF energy. Your health care provider may be able to assist you in obtaining this information.

Turn your phone OFF in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Non-ionizing radiation

Your device has an internal antenna. This product should be operated in its normal-use position to ensure the radioactive performance and safety of the interference. As with other mobile radio transmitting equipment, users are advised that for satisfactory operation of the equipment and for the safety of personnel, it is recommended that no part of the human body be allowed to come too close to the antenna during operation of the equipment.

Use only the supplied integral antenna. Use of unauthorized or modified antennas may impair call quality and damage the phone, causing loss of performance and SAR levels exceeding the recommended limits as well as result in noncompliance with local regular requirement in your country.

To assure optimal phone performance and ensure human exposure to RF energy is within the guidelines set forth in the relevant standards, always use your device only in its normal-use position. Contact with the antenna area may impair call quality and cause your device to operate at a higher power level that needed.

Avoiding contact with the antenna area when the phone is IN USE optimizes the antenna performance and the battery life.

Electrical safety

Accessories

- Use only approved accessories.
- Do not connect with incompatible products or accessories.

Connection to a car

Seek professional advice when connecting a phone interface to the vehicle electrical system.

Faulty and damaged products

- Do not attempt to disassemble the phone or its accessories.
- Only qualified personnel must service or repair the phone or its accessories.

General precautions

You alone are responsible for how you use your phone and any consequences of its use. You must always switch off your phone wherever the use of a phone is prohibited. Use of your phone is subject to safety measures designed to protect users and their environment.

Avoid applying excessive pressure to the device

Do not apply excessive pressure on the screen and the device to prevent damaging them. Remove the device from your pants' pocket before sitting down. Cracked display screens due to improper handling are not covered by the warranty.

Device getting warm after prolonged use

When using your device for prolonged periods of time, such as when you're talking on the phone, charging the battery or browsing the Web, the device may become warm. In most cases, this condition is normal and therefore should not be interpreted as a problem with the device.

Heed service markings

Except as explained elsewhere in the Operating or Service documentation, do not service any product yourself. Service needed on components inside the device should be done by an authorized service technician or provider.

Protect your phone

- Always treat your phone and its accessories with care and keep them in a clean and dust-free place.
- Do not expose your phone or its accessories to open flames or lit tobacco products.
- Do not expose your phone or its accessories to liquid, moisture or high humidity.
- Do not drop, throw or try to bend your phone or its accessories.
- Do not use harsh chemicals, cleaning solvents, or aerosols to clean the device or its accessories.
- Do not paint your phone or its accessories.
- Do not attempt to disassemble your phone or its accessories. Only authorized personnel must do so.
- Do not expose your phone or its accessories to extreme temperatures, minimum 14°F (-10°C) and maximum 113°F (45°C).
- Please check local regulations for disposal of electronic products.
- Do not carry your phone in your back pocket as it could break when you sit down.

Damage requiring service

Unplug the product from the electrical outlet and refer servicing to an authorized service technician or provide under the following conditions:

- Liquid has been spilled or an object has fallen into the product.
- The product has been exposed to rain or water.
- The product has been dropped or damaged.
- There are noticeable signs of overheating.

- The product does not operate normally when you follow the operating instructions.

Avoid hot areas

The product should be placed away from heat sources such as radiators, heat registers, stoves, or any device producing heat.

Avoid wet areas

Never use the product in a wet location.

Avoid using your device after a dramatic change in temperature

When you move your device between environments with very different temperature and/or humidity ranges, condensation may form on or within the device. To avoid damaging the device, allow sufficient time for the moisture to evaporate before using the device.

Notice: When taking the device from low temperature conditions into a warmer environment or from high-temperature conditions into a cooler environment allow the device to acclimate to room temperature before turning on power.

Avoid pushing objects into product

Never push objects of any kind into slots or other openings in the product. Slots and openings are provided for ventilation. These openings must not be blocked or covered.

Airbags

Do not place a phone in the area over an airbag or in the airbag deployment area. Store the phone safely before driving your vehicle.

Mounting accessories

Do not use the product on an unstable table, cart, stand, tripod or bracket. Any mounting of the product should follow the manufacturer's instructions and should use a mounting accessory recommended by the manufacturer.

Avoid unstable mounting

Do not mount the product with an unstable base.

Use product with approved equipment

This product should be used only with personal computers and options identified as suitable for use with your equipment.

Adjust the volume

Turn down the volume before using headphones or other audio devices.

Cleaning

Unplug the product from the wall outlet before cleaning.

Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning, but NEVER use water to clean the LCD screen.

Small children

Do not leave your phone and its accessories within the reach of small children or allow them to play with it. They could hurt themselves, or others, or could accidentally damage the phone. Your phone contains small parts with sharp edges that may cause an injury, or which could become detached and create a choking hazard.

Repetitive motion injuries

To minimize the risk of RSI, when texting or playing games with your phone:

- Do not grip the phone too tightly.
- Press the buttons lightly.
- Make use of the special features in the handset which minimize the number of buttons which have to be pressed, such as message templates and predictive text.
- Take lots of breaks to stretch and relax.

Operating machinery

Full attention must be given to operating machinery in order to reduce the risk of an accident.

Loud noise

This phone is capable of producing loud noises which may damage your hearing.

Emergency calls

This phone, like any wireless phone, operates using radio signals, which cannot guarantee connection in all conditions. Therefore, you must never rely solely on any wireless phone for emergency communications.

Regulatory agency identifications

FCC Regulations

This mobile phone complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This mobile phone has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
- Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

RF Exposure Information (SAR)

This mobile phone meets the government's requirements for exposure to radio waves. This phone is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government. The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. Tests for SAR are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands.

Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station, the lower the power output.

The highest SAR value for the model phone as reported to the FCC when tested for use at the head is 1.14 W/kg and when worn on the body, as described in this user guide, is .59 W/kg (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements.)

While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of *www.fcc.gov/oet/ea/fccid* after searching on FCC ID: RYQEA211001.

For body worn operation, this phone has been tested and meets the FCC

RF exposure guidelines for use with an accessory that contains no metal and positions the handset a minimum of 10 mm from the body. Use of other accessories may not ensure compliance with FCC RF exposure guidelines. If you do not use a body-worn accessory and are not holding the phone at the ear, position the handset a minimum of 10 mm from your body when the phone is switched on.

Hearing Aid Compatibility (HAC) for Wireless Telecommunication Devices

This phone has a HAC rating of M4/T3.

What is hearing aid compatibility?

The Federal Communications Commission has implemented rules and a rating system designed to enable people who wear hearing aids to more effectively use these wireless telecommunications devices. The standard for compatibility of digital wireless phones with hearing aids is set forth in American National Standard Institute (ANSI) standard C63.19. There are two sets of ANSI standards with ratings from one to four (four being the best rating): an "M" rating for reduced interference making it easier to hear conversations on the phone when using the hearing aid microphone, and a "T" rating that enables the phone to be used with hearing aids operating in the tele-coil mode, thus reducing unwanted background noise.

How will I know which wireless phones are hearing aid compatible?

The Hearing Aid Compatibility rating is displayed on the wireless phone box. A phone is considered Hearing Aid Compatible for acoustic coupling (microphone mode) if it has an "M3" or "M4" rating. A digital wireless phone is considered Hearing Aid Compatible for inductive coupling (tele-coil mode) if it has a "T3" or "T4" rating.

Warranty

With this manufacturer's warranty (hereinafter: the "Warranty"), Emblem Solutions (hereinafter: the "Manufacturer") guarantees this product against any material, design and manufacturing defects. The duration of this Warranty is specified in article 1 below.

This Warranty does not affect your statutory rights, which cannot be excluded or limited, in particular in relation to the applicable legislation on defective products.

Warranty duration:

The product may consist of several parts, which may have separate warranty periods, to the extent permitted by local laws. The "Warranty Period" (as defined in the table below) takes effect on the date of purchase of the product (as indicated on the proof of purchase).

1. Warranty period (see table below)

Phone	24 Months
USB Cable and Charger	12 Months
Other Accessories (if included in the box)	12 Months

2. Warranty period for repaired or replaced parts:

Subject to special provisions of local laws in force, the repair or replacement of a product does not, under any circumstances whatsoever, extend the original warranty period of the product concerned. However, the repaired or replaced parts are guaranteed in the same manner and for the same defect for a period of ninety days after delivery of the repaired product, even if their initial warranty period has expired. Proof of purchase required.

Implementation of the Warranty

If your product is faulty under normal conditions of use and maintenance, in order to benefit from the present warranty, please contact the Returns Center at **1(800) 801-1101** for assistance. The customer support center will then provide you with instructions on how to return the product for support under warranty. For more information, please visit *att.com/warranty*.

Warranty exclusions

Manufacturer guarantees its products against material, design and manufacturing defects. The Warranty does not apply in the following cases:

1. Normal wear and tear of the product (including on camera lenses, batteries and screens) requiring periodic repair and replacement.
2. Defects and damages due to negligence, to the product being used other than in a normal and customary manner, to the non-compliance with the recommendations of this User Manual, to an accident, regardless of the cause. Instructions for use and maintenance of the product can be found in your product's User Manual.
3. The opening, unauthorized disassembly, modification being carried out or repair of the product by the end user or by persons or by service providers not approved by Manufacturer and/or with spare parts not approved by Manufacturer.
4. Use of the product with accessories, peripherals and other products whose type, condition and/or standards do not meet Manufacturer's standards.

5. Defects associated with the use or connection of the product to equipment or software not approved by Manufacturer. Some defects may be caused by viruses due to unauthorized access by yourself or by a third party service, computer systems, other accounts or networks. This unauthorized access may take place through hacking, misappropriation of passwords or various other means.
6. Defects and damage due to the exposure of the product to humidity, extreme temperatures, corrosion, oxidation, or to any spillage of food or liquids, chemicals and generally any substance likely to alter the product.
7. Any failure of embedded services and applications that have not been developed by Manufacturer and whose functioning is the exclusive responsibility of their designers.
8. Installation and use of the product in a manner that does not comply with the technical or security standards of regulations in force in the country where it's installed or used.
9. Modification, alteration, degradation or illegibility of the IMEI number, serial number or EAN of the product
10. Absence of proof of purchase.

Upon expiration of the warranty period or upon an exclusion of warranty, Manufacturer may, at its discretion, provide a quote for the repair and offer to provide support for the product, at your cost.

The Manufacturer contact and after-sales service details are subject to change. These Warranty terms may vary substantially according to your country of residence.