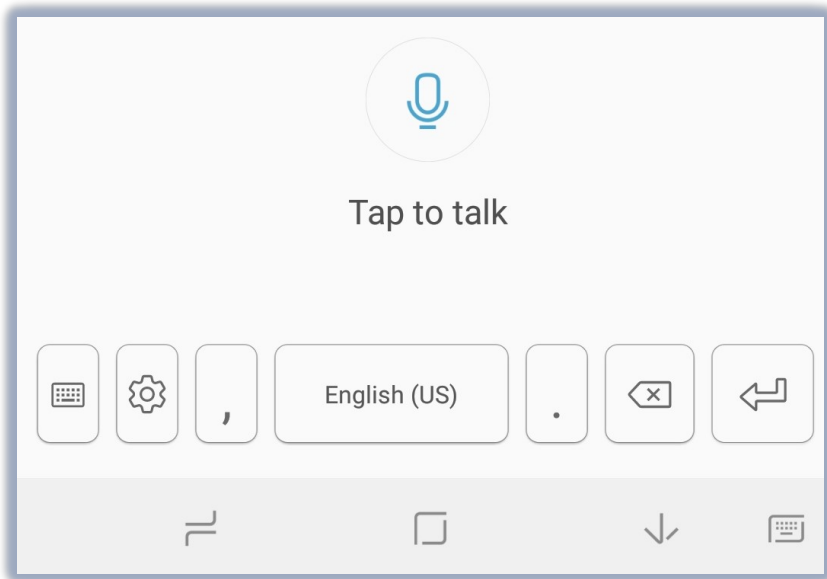


Talk to your Android Phone

Dictation and telling it what to do



Lincoln Spector
Craig Griffith
Mike Safer

University of California, Berkeley
RETIREMENT CENTER



Overview

- Why you might want to talk to your phone.
- Train Android to recognize your voice
- Ask your phone to do something or tell you something
- Three ways to dial a phone number
- Proof-reading and punctuation
- Texting
- Email

Warning: Not all Android phones match my phone exactly. Yours may be slightly different.

Why talk to your phone?

- It's more natural. Humans evolved to communicate verbally.
- Less of a learning curve.

Why not?

- It's not as private. Everyone nearby hears what you and your phone says.
- The phone doesn't always understand what you say.

Train the phone to recognize your voice

Step 1

Once Android recognizes your voice, you have a simple and secure way to unlock your phone.

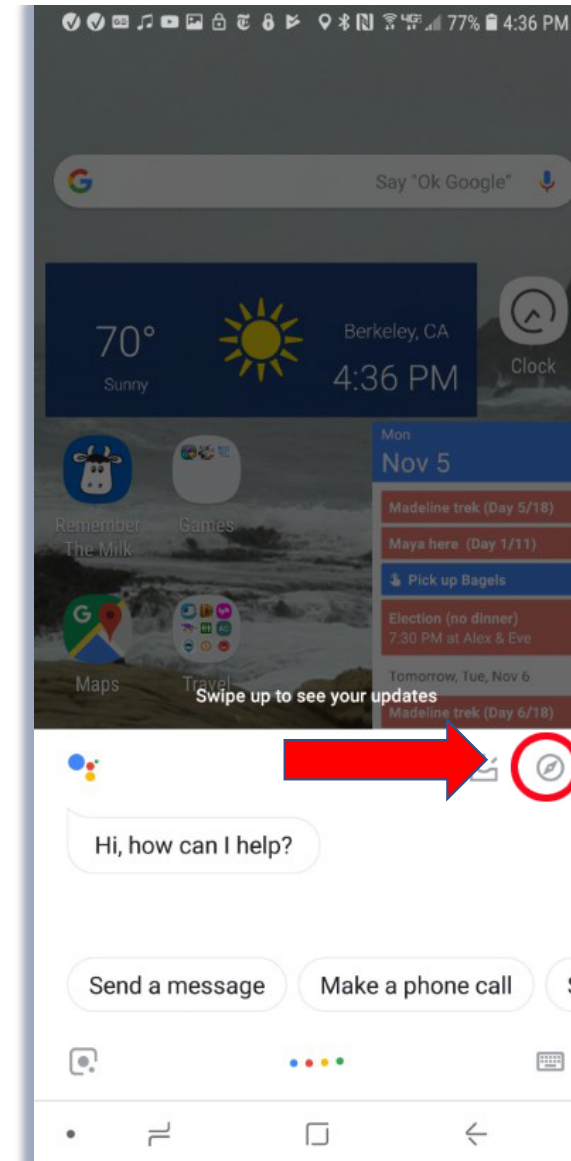
To start, tap and hold the home button icon on the bottom middle of the screen.



Train the phone to recognize your voice

Step 2

Tap the circular icon in the upper-right corner of the white box.

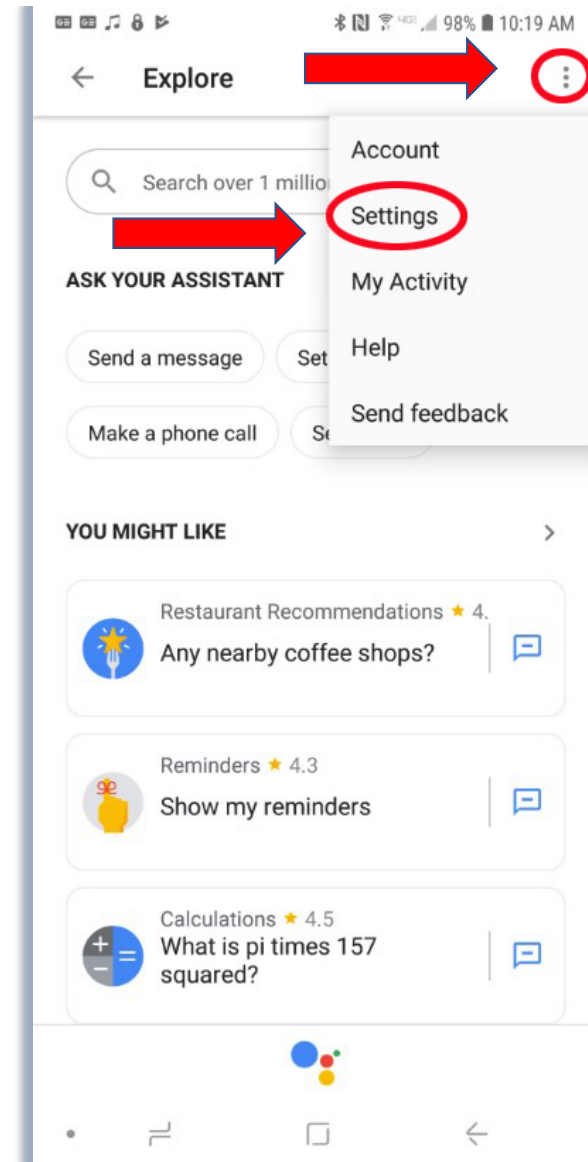


Train the phone to recognize your voice

Step 3

Tap the circular icon in the upper-right corner of the white box.

This brings up a menu. Select *Settings*.

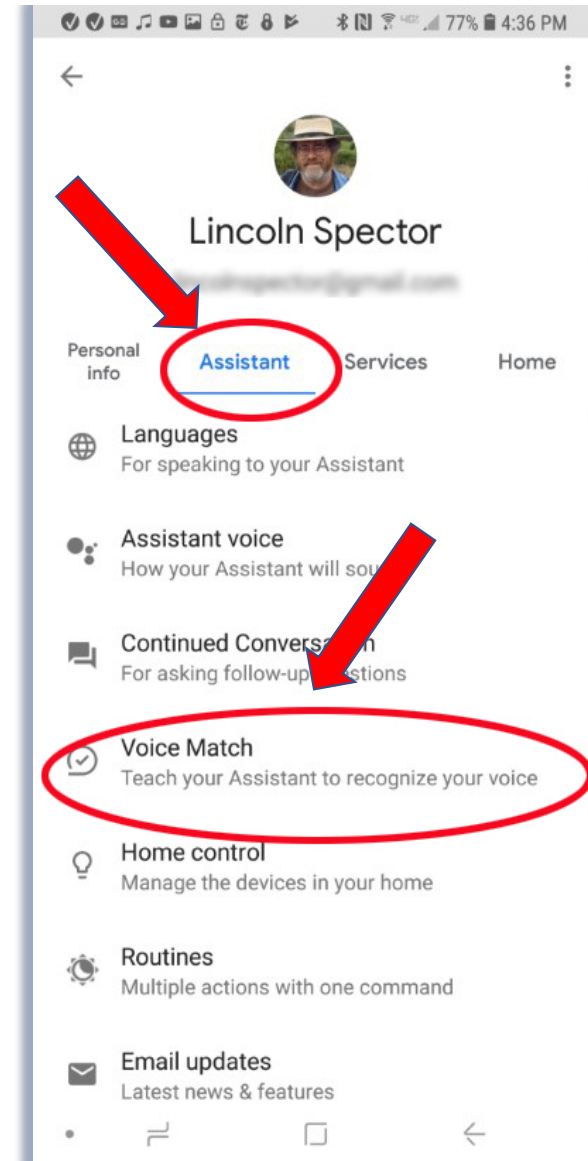


Train the phone to recognize your voice

Step 4

Tap the word *Assistant*, which will offer new menu options.

Tap *Voice Match*.



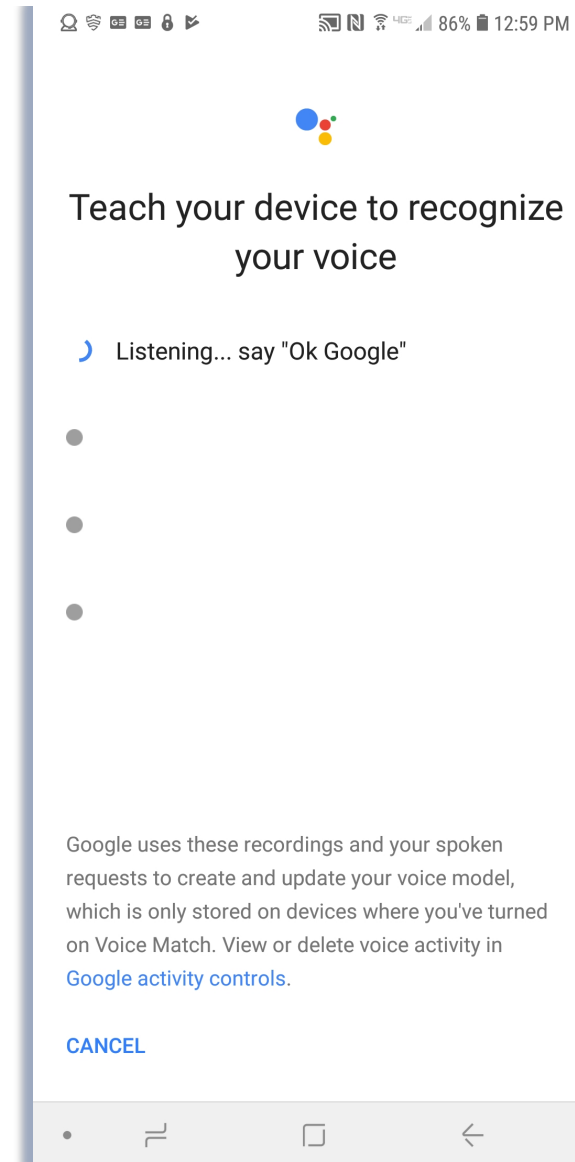
Train the phone to recognize your voice

Step 5

Here you say “Ok Google” four times. (With some phones, you may be asked to say Hey Google.)

After that, you can unlock your phone by saying “Hey Google.” No one else’s voice will do.

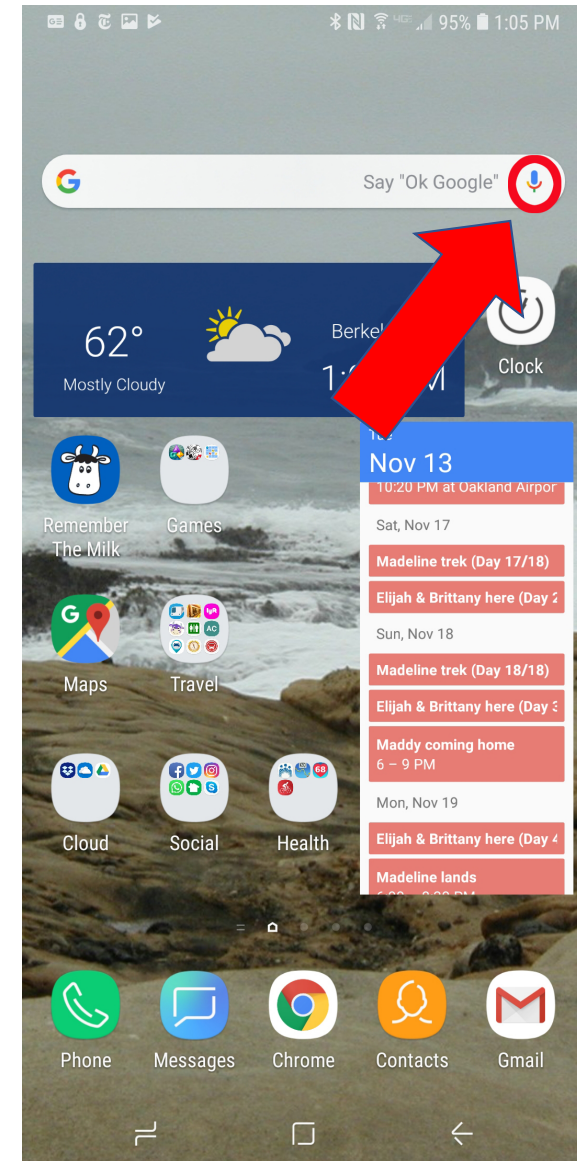
It will bring you to Google Assistant instead of your home screen, but a tap to your home button will fix that.



Talk to OK Google

“Okay Google” doesn’t just unlock your phone. It tells Android that you want to ask a question. It doesn’t matter if your phone is locked or not.

If your phone is unlocked, and “Okay Google” doesn’t work, tap the microphone icon on the Google bar.



What to ask?

Just about anything

- Will it rain tomorrow?
- What vegan food has the most protein per calorie?
- Who was Snitz Edwards?
- What's the answer to the ultimate question of life, the universe, and everything?
 - And yes, the answer to that last one is 42.

Three ways to dial a number

- The way you've always done it...with your fingers
- Tell Google to call a number. "Okay Google, call 510-555-0123."
- Tell Google to call a person. "Okay Google, call Sherlock Holmes."
 - This last one works only if the person's name and phone number are in your Contacts.
 - If you're unsure about your Contacts, ask for help from an Ashby Village volunteer.

Dictation, part 1: Punctuation

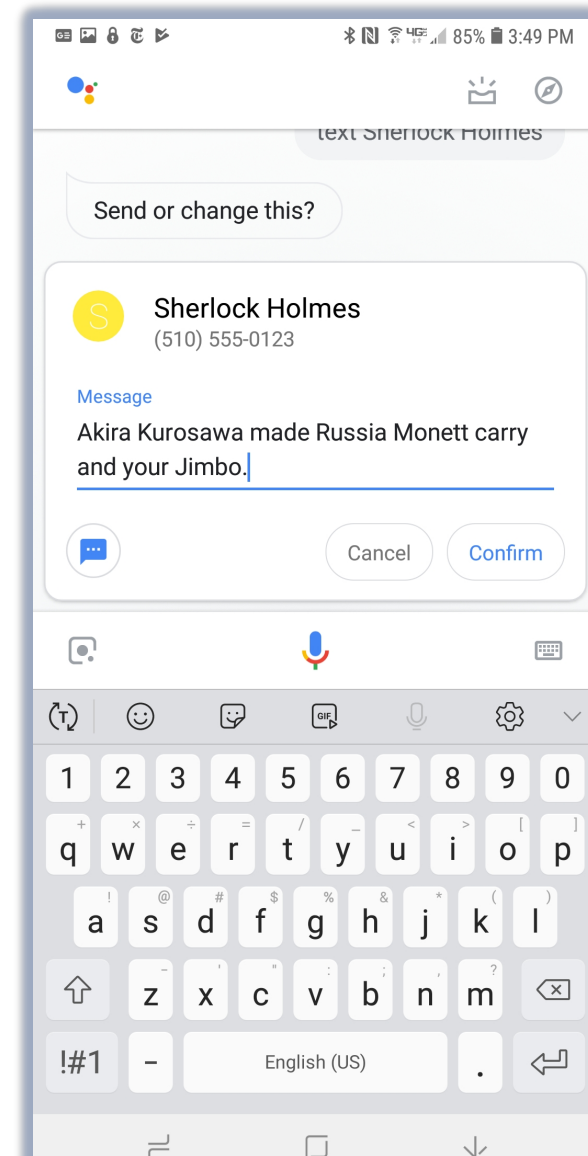
Giving dictation – speaking words that another human will read – is very different from giving your phone an order or asking it a question.

You must consider punctuation. At the end of a sentence, say the word “period.” Do the same for “coma,” “question mark,” and so on.

Dictation, part 2: Proofreading

When your phone takes dictation, it *will* make mistakes. So before you send a text, email, or anything else, read what the phone thought you said.

Don't even try to fix the mistakes by talking to the phone. Tapping the text should open the phone's keyboard so you can fix the errors with your fingers.

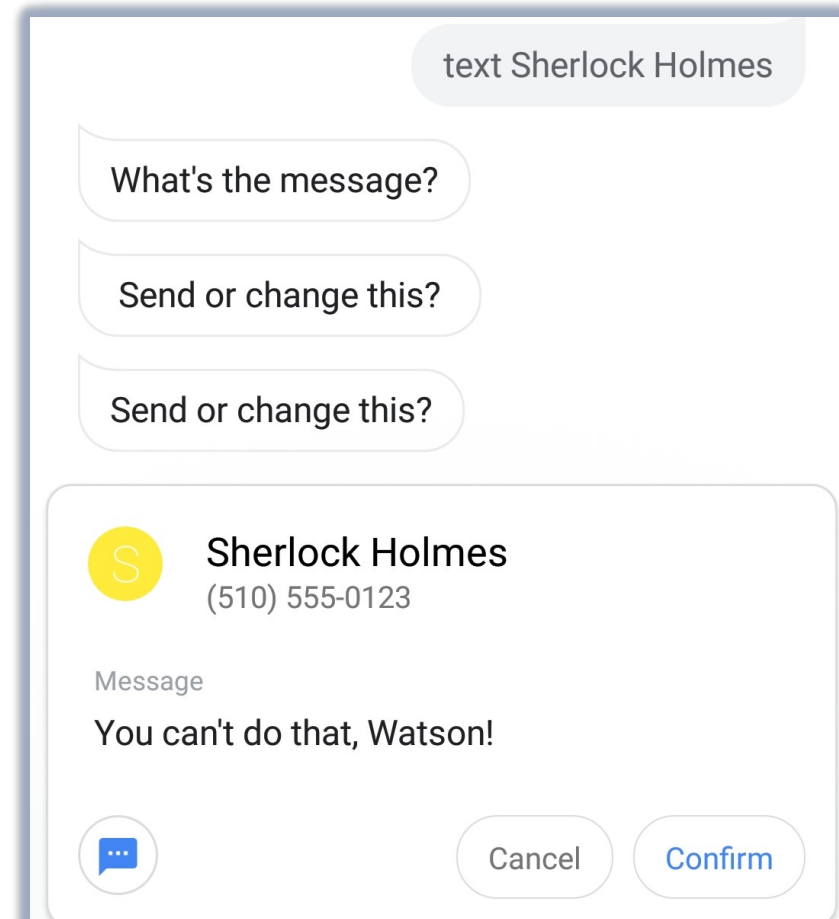


Talking as you text, Part 1

A text is a short message sent from one cellphone to another. Without using your fingers, you can send a text to anyone ...assuming you have their name and cellphone number in your content list.

Talking as you text, Part 2

1. Say “Okay Google” or tap microphone icon.
2. Say “text” and the name of the person you want to text.
Example: “Text Sherlock Holmes.”
3. Say what you want to.
4. After you pause, you’ll be asked to send or change the text.
5. Proofread before you send the text.

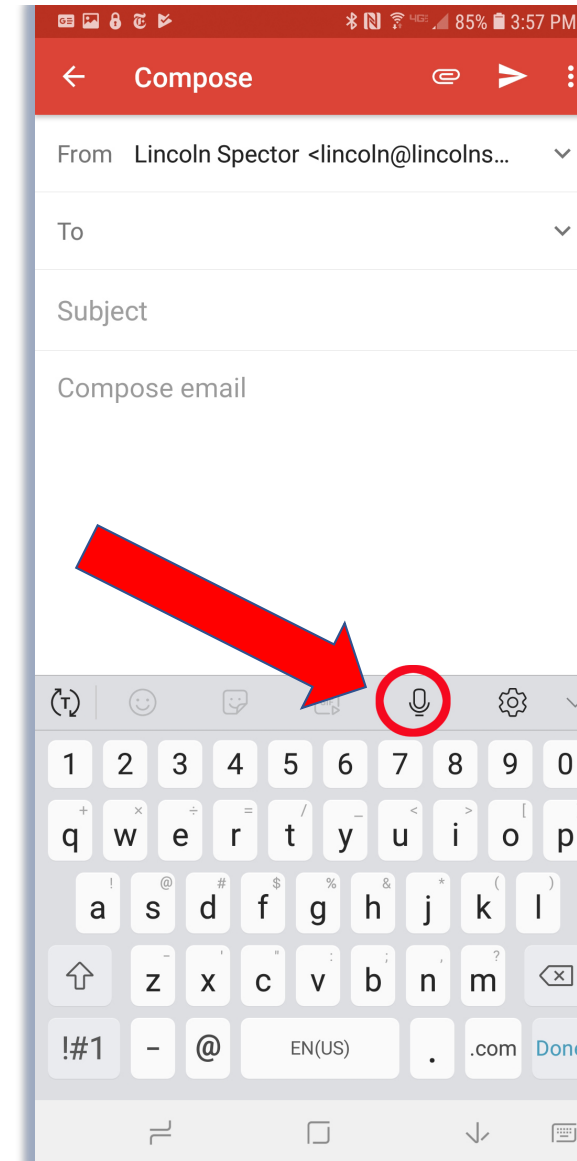


Writing an email 1

Google assistant gets confused about creating an email. So start by creating an email your fingers.

When the new email screen appears, tap the microphone icon at the top of the keyboard.

With the blinking insertion point in the *To* field, tap the microphone icon at the top of the keyboard and say the name of the recipient (who will have to be in your contacts).



Writing an email 2

Then tap in the *Subject* field, tap the Subfield field, then tap the microphone icon near the bottom of the screen. Then state the email's subject.

Do the same with the *Compose email* field.

When you're done, proofread as I explained earlier before you send your email.

