

Making Your Device Accessible

A Hands-On Session for EMSB High School Students

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Accessible. What does that mean?

Accessible means that you can use features on your device to help you read and write.



Before we talk accessibility...

Not all accessibility features will be helpful to you. You have to decide what works for you and what doesn't work.

Find the right tool that works for you!

Three kinds of accessibility features

Text to speech

Word Prediction

Speech recognition

Text to speech (TTS)

What is it and how can it help?

- Text to speech technology reads the text on the screen to you.

How does TTS help?

- Listening to a book or a text can be a great option for many students.
- Some students find that TTS helps them to better understand and remember the text that they are reading.
- Some students find that using TTS improves their ability to focus on a text because they are strong listeners.



How can you customize text to speech for yourself?

- On some devices, you can change the pace (speed it up or slow it down).
- On some devices, you can change the voice to one that you prefer.
- You can highlight the words that you would like to hear read aloud.
- You can listen to the text as many times as you want.
- After you write, you can listen to the text with TTS to hear if there are any spelling or grammatical errors to fix.

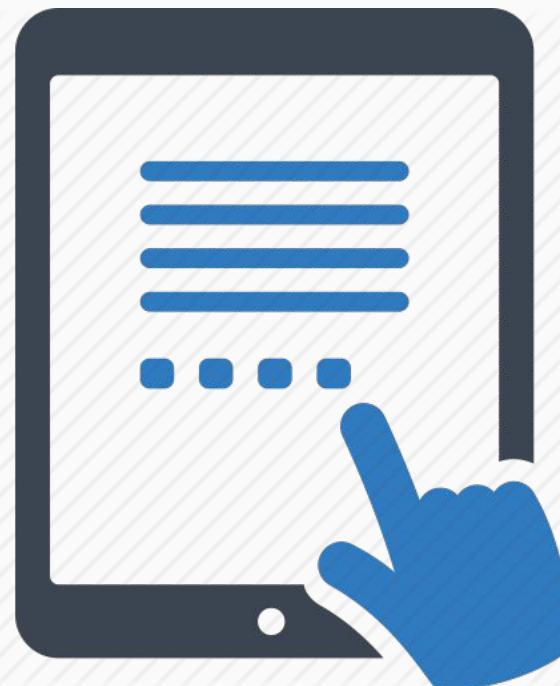
Let's try it

How to enable TTS on your device:

1. iOS
2. Android
3. Chrome browser

iOS devices

iPads, iPods or iPhones





iPad 9:14 PM 91%

General

- About
- Software Update
- AirDrop
- Handoff
- Multitasking & Dock
- Accessibility**
- iPad Storage
- Background App Refresh
- Restrictions
- Date & Time
- Keyboard
- Language & Region
- Dictionary
- iTunes Wi-Fi Sync
- VPN Not Connected
- Device Management Device Manager

Under General, select Accessibility menu



9:48 PM 95%

General Accessibility

VISION

- VoiceOver Off >
- Zoom Off >
- Magnifier Off >
- Display Accommodations On >
- Speech**  Off >
- Larger Text Off >
- Bold Text Off >
- Button Shapes Off >
- Increase Contrast >
- Reduce Motion Off >
- On/Off Labels Off >

INTERACTION

- Switch Control Off >
- AssistiveTouch Off >
- Touch Accommodations Off >
- Home Button >
- Keyboard >
- Shake to Undo On >
- Call Audio Routing Automatic >

Settings

This iPad is supervised and managed by CS ENGLISH-MONTREAL. [Learn more about device supervision...](#)

Andrea Prupas
Apple ID, iCloud, iTunes & App St...

Start Using iCloud 1 >

Airplane Mode Off

Wi-Fi handsfree

Bluetooth On

Notifications

Control Center

Do Not Disturb

General

Display & Brightness

Wallpaper

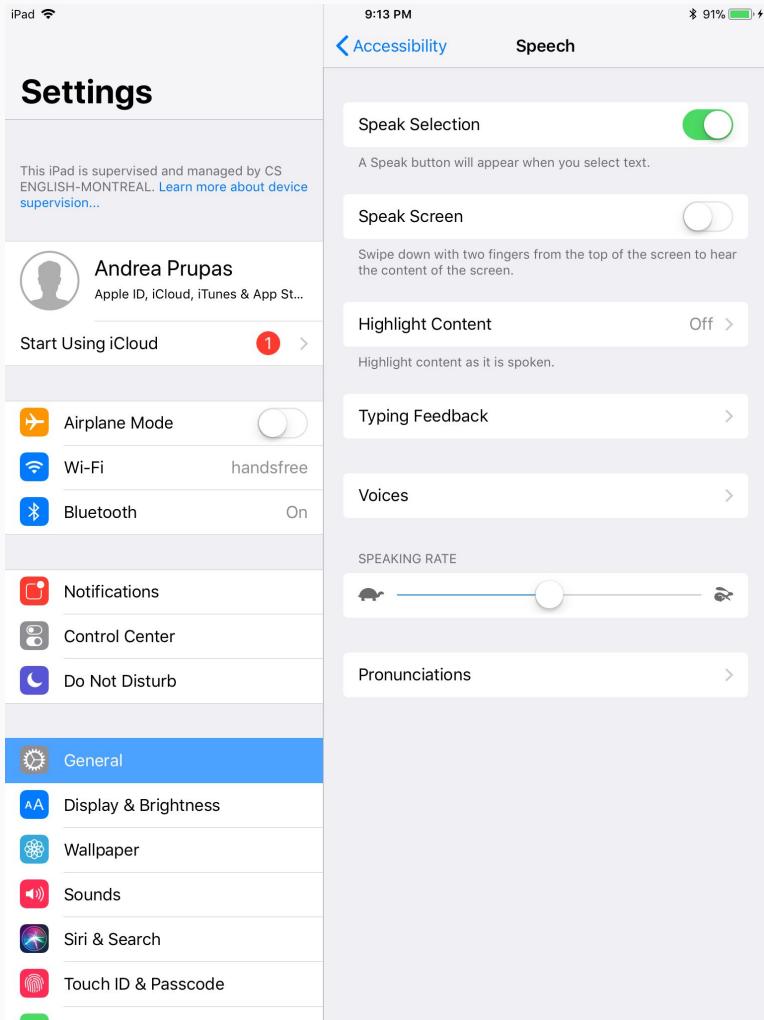
Sounds

Siri & Search

Touch ID & Passcode

Select speech menu

**This is how to
customize text to
speech
in the settings**

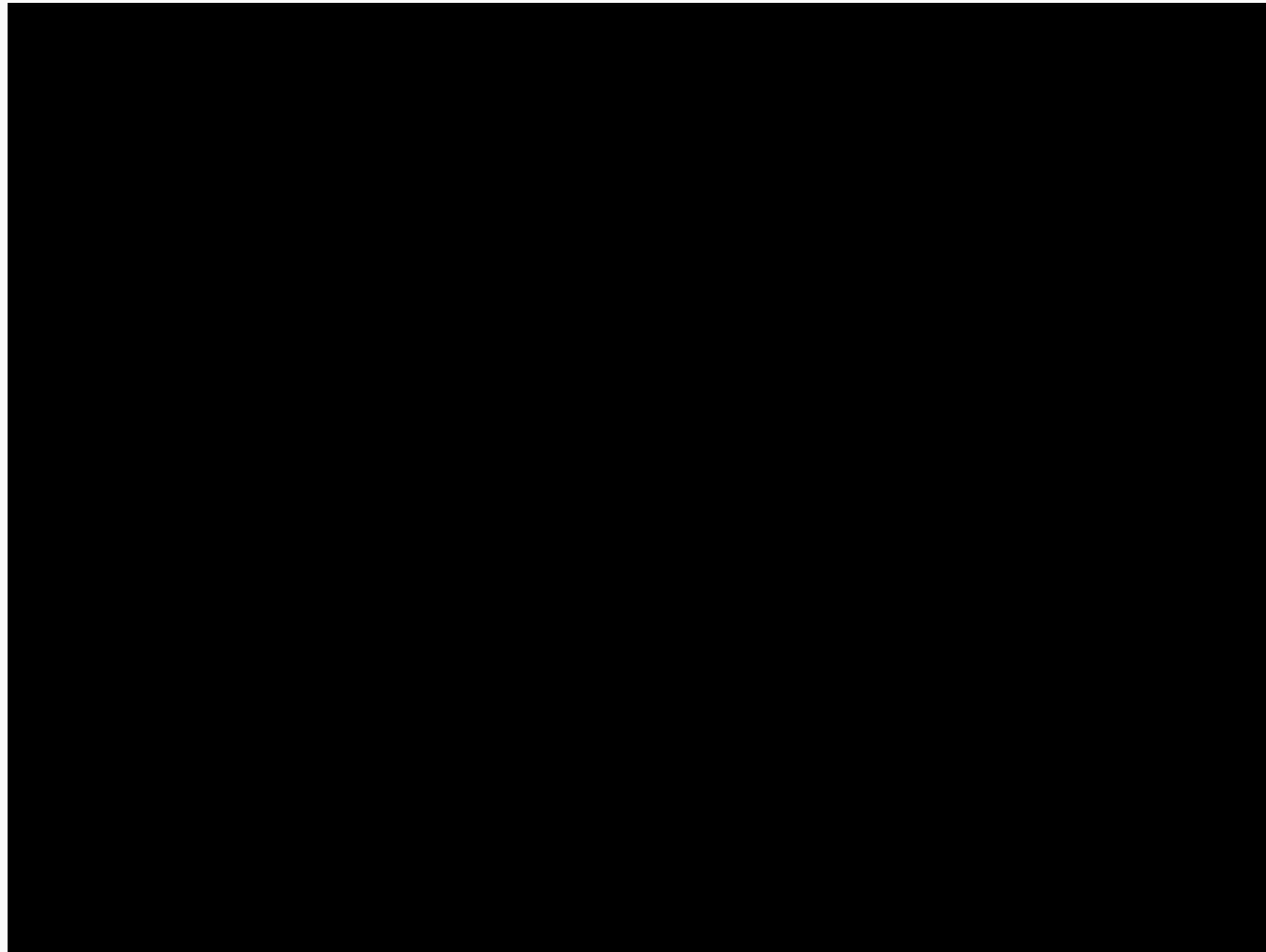


*Turn on speak selection
to use text to speech*

*Turn on highlight content
to highlight words,
sentences, or both*

*Select your voice here
(don't forget to switch
to a French voice when
reading in French!)*

Change the pace here

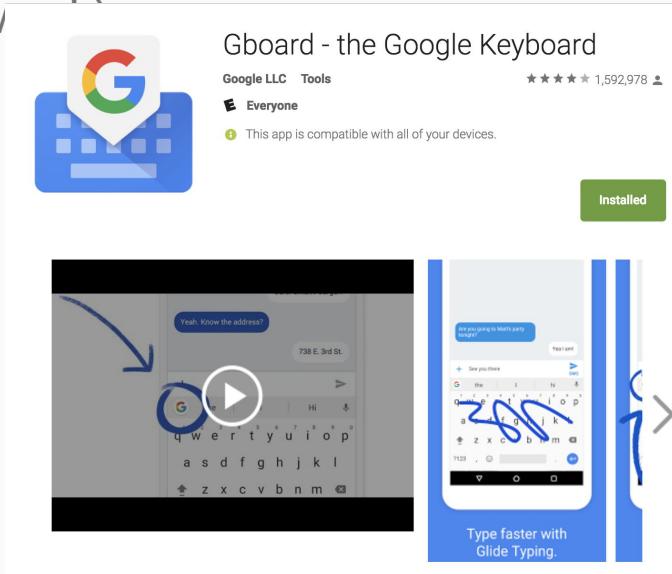


Android Devices: Tablets / Phones

- There are many different companies which make Android devices. (24,000 different Android devices, by 1,300 companies)
- It will require some searching through menu features, menus vary with devices.
- Search Google and YouTube if you have trouble finding the features for your particular phone.

Google Play Store

- Download *Google Keyboard* and From the Google Play Store (use the public netv



SET UP....cont....

- Select Google Keyboard as your default keyboard*
**Method depends on make and model of device, usually in LANGUAGE AND INPUT section of SETTINGS MENU. Consult the internet!*
- Open the Google Keyboard App
- Under **LANGUAGES** > add “**French (Canada)**”
- Under **PREFERENCES** > activate “**Voice input key**”
- Under **VOICE TYPING** > Offline speech recognition > download “**English (Canada)**” and “**Français (Canada)**”
- Under **TEXT CORRECTION** > activate “**Show suggestion strip**” + “**Next-word suggestions.**” If you want you can also activate “**Auto-correction**” + “**Auto-capitalisation**”

SET UP....cont....

GBOARD KEYBOARD SETTINGS

- Languages: English (Canada) (QWERTY), French (Canada) (QWERTY)
- Preferences
- Theme
- Text correction**
- Glide typing
- Voice typing
- Dictionary
- Search
- Advanced

TEXT CORRECTION

SUGGESTIONS

- Show suggestion strip:
- Display suggestion strip while typing
- Next-word suggestions:
- Use the previous word when making suggestions
- Block offensive words:
- Do not suggest potentially offensive words
- Show emoji suggestions:
- Suggest contact names:
- Use names from Contacts for suggestions
- Personalised suggestions:
- Learn from Google apps and services and your typed data to improve suggestions.

CORRECTIONS

- Auto-correction:
- Space bar and punctuation insert highlighted word automatically

Voice

Languages: Default language: English (Canada)

Offline speech recognition: Manage downloaded languages

Block offensive words:

Hide recognised offensive voice results

Chrome browser

PC, Mac or Chromebook





Step 1: Go to the Chrome web store.

chrome web store

Search Extensions

Extensions

Themes

Apps

Games

CATEGORIES

All

FEATURES

Runs Offline

By Google

Free

Available for Android

Works with Google Drive

RATINGS

★★★★★

★★★★★ & up

★★★★★ & up

★★★★★ & up

Featured

WONDER
MAKE THE WEB A KINDER PLACE
In Theaters November 17
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Price while
Smarter
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 grammarly	 LastPass...! The Last Password You'll Ever Need.	 honey	 Office
Grammarly for Chrome ★★★★★ (25723) FREE	LastPass: Free Password Ma... ★★★★★ (26009) FREE	Honey ★★★★★ (75747) FREE	Office Online ★★★★★ (2441) FREE
	Click&Clean		



Read&Write for Google Chrome™

offered by texthelp.com

★★★★★ (1707)

[Accessibility](#)

8,219,141 users

AVAILABLE ON CHROME



OVERVIEW

REVIEWS

SUPPORT

RELATED



Step 2: Download this extension! (it's free)

File Edit View Insert Format Tools Table Add-ons Help All changes saved in Drive

100% Normal text Arial 12 B I U A

Abstract from [wikipedia.org](#)

Earth is the third planet from the Sun and the densest planet in the Solar System. It is also the largest of the Solar System's four terrestrial planets. It is sometimes referred to as the "Blue Planet", the "Blue Marble", Terra or "Gaia".

According to evidence from sources such as radiometric dating, Earth was formed around four and a half billion years ago. Within its first billion years, life appeared in its oceans and began to affect its atmosphere and surface, promoting the proliferation of aerobic as well as anaerobic organisms and causing the formation of the atmosphere's ozone layer. This layer and Earth's magnetic field block the most life-threatening parts of the Sun's radiation, so life was able to flourish on land as well as in water. Since then, Earth's position in the Solar System, its physical properties and its geological history have allowed life to persist.

Earth's lithosphere is divided into several rigid segments, or tectonic plates, that migrate across the surface over periods of many millions of years. Over 70% percent of Earth's surface is covered with water, with the remainder consisting of continents and islands which together have many lakes and other sources of water that contribute to the hydrosphere. Earth's poles are mostly covered with ice that is the solid ice of the

See all 9

Boost reading and writing confidence across all types of content and devices, in class, at work, and at home!

Wonderfully intuitive and easy-to-use, Read&Write for Google Chrome™ provides personalized support to make documents, web pages and common file types in Google Drive (including: Google Docs, PDF, ePub & Kes) more accessible. It's designed to help everyone engage with digital content in a way that suits his/her abilities and learning styles.

Read&Write offers a range of powerful support tools to help you gain confidence with reading, writing, studying and research.

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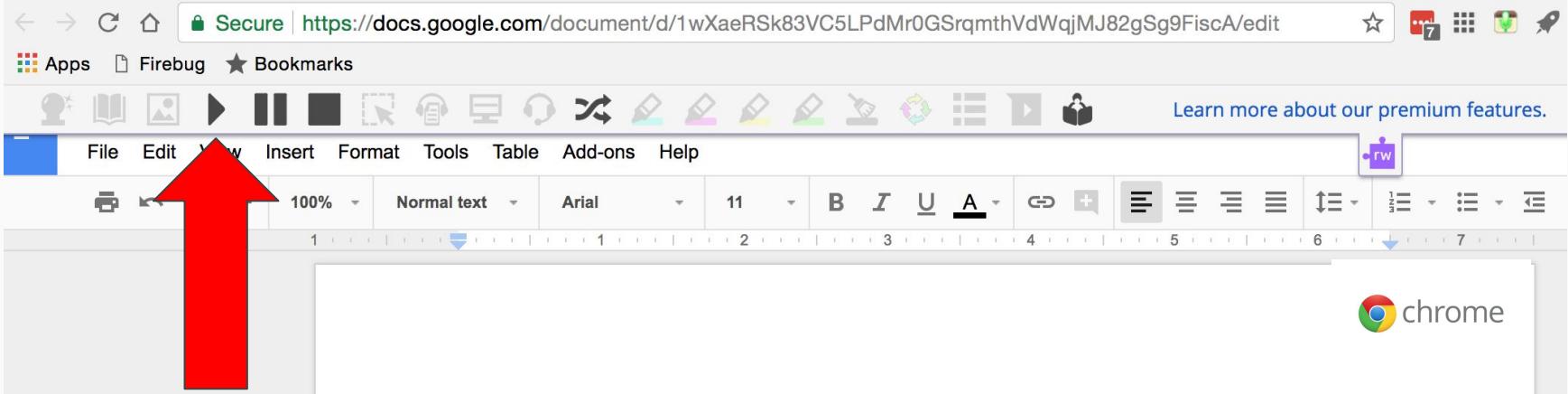
Additional Information

Version: 1.8.0.88

Updated: November 20, 2017

Size: 1.03MiB

Languages: See all 9



Step 3: This toolbar appears on your Google doc. The arrow button allows you to highlight your text, and read with text to speech.

Try it!

Word prediction

What is it?

As you type the first few letters of a word, word prediction offers you a list of words to choose from.

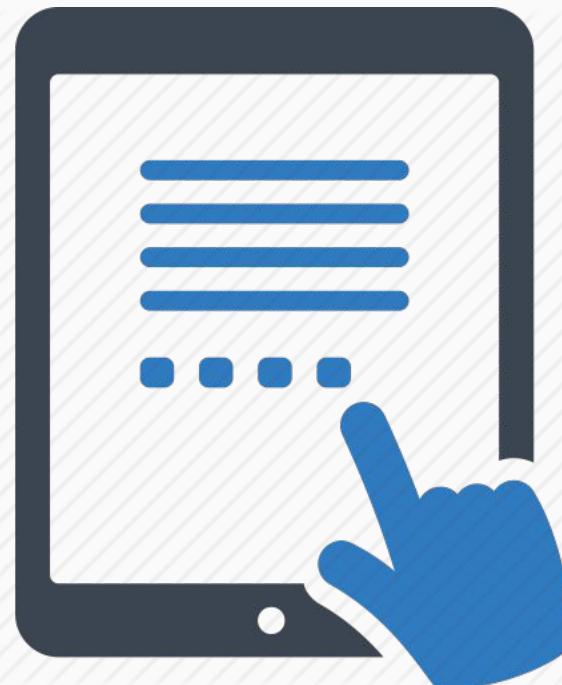
How does word prediction help?

Some students use word prediction to help them select words that they are unsure how to spell.

Sometimes word prediction helps students to have more vocabulary available to them.

Sometimes word prediction is helpful to speed up the writing process (but you still have to edit!)

Word prediction



Settings

MONTREAL. [Learn more about device supervision...](#)

Andrea Prupas

Apple ID, iCloud, iTunes & App Store

Start Using iCloud

1



Airplane Mode



Wi-Fi

handsfree

Bluetooth

On

Notifications

Control Center

Do Not Disturb

General

Display & Brightness

Wallpaper

General

AirDrop



Handoff



Multitasking & Dock



Accessibility



iPad Storage



Background App Refresh



Restrictions

Off



Date & Time



Keyboard



Language & Region



Dictionary



iTunes Wi-Fi Sync



In the settings, select “General”, then select “Keyboard”

Settings

MONTREAL. [Learn more about device supervision...](#)

 Andrea Prapas
Apple ID, iCloud, iTunes & App Store

Start Using iCloud 1 >

 Airplane Mode

 Wi-Fi handsfree

 Bluetooth On

 Notifications

 Control Center

 Do Not Disturb

 General

 Display & Brightness

 Wallpaper

General

Keyboards

Keyboards 2 >

Text Replacement >

Auto-Capitalization

Auto-Correction

Check Spelling

Enable Caps Lock

Shortcuts

Predictive ←

Smart Punctuation

Split Keyboard

Enable Key Flicks

"" Shortcut

Double tapping the space bar will insert a period followed by a space.

Turn on the
“predictive”
function

I usually write my essays using text to speech. TTS helps me read more accurately and effectively and it helps me to hear the errors in the text.

I can also use word pred



This is prediction.



Word prediction offers you a choice of words as you type based on The first few letters.

Try it!

Speech recognition

Speech recognition allows you to write words by speaking them out loud.



How does speech recognition help?

Some students have difficulty writing, for a wide variety of reasons. If your teacher, your school speech and language pathologist or guidance counsellor has recommended speech recognition as an option for you, give it a try.

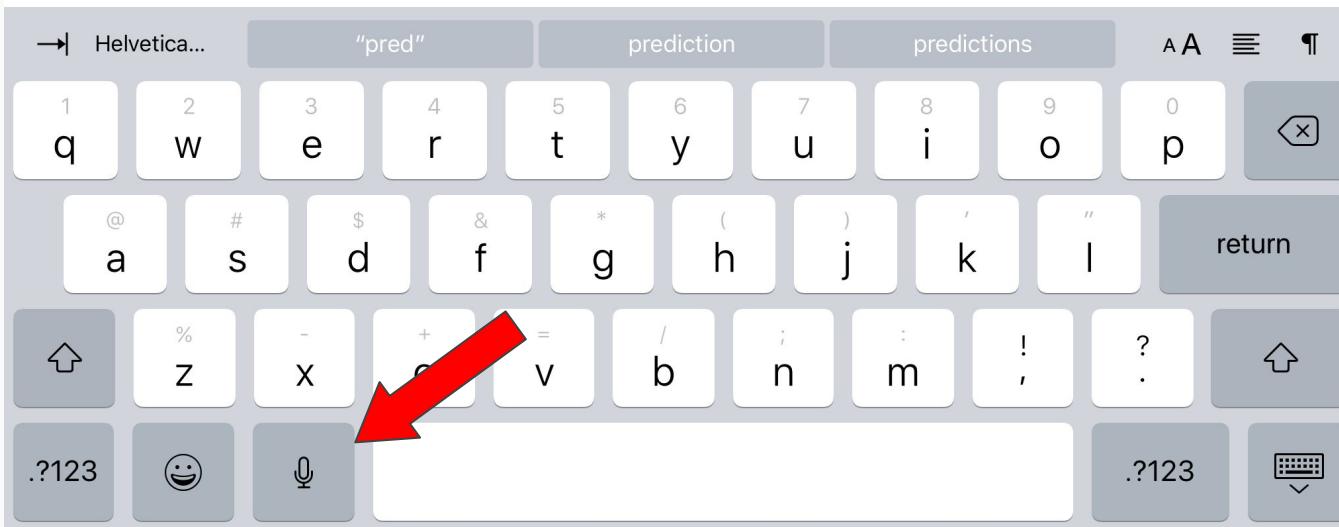
Some students go back and forth between writing traditionally and writing with their voice.

Using this type of technology takes practice and requires editing. Not all of your words will be 100% accurate as the computer will sometimes make mistakes recognizing what you are saying. Take your time and think about your sentence or idea before speaking. Try a few words or a short sentence at first. It might help to create an outline or a mindmap to organize your thoughts before writing.

I usually write my essays using text to speech. TTS helps me read more accurately and effectively and it helps me to hear the errors in the text.

I can also use word pred

Speech recognition



Siri works in most word processing apps (this is Pages). You can use Siri to write with your voice.

Try it!

Secure | https://docs.google.com/document/d/1wXaeRSk83VC5LPdMr0GSrqmthVdWqjMJ82gSg9FiscA/edit

Apps Firebug Bookmarks Other Bookmarks

File Edit View Insert Format Tools Table Add-ons Help

Spelling... Review suggested edits Ctrl+⌘O Ctrl+⌘U

Explore Define ⌘+Shift+Y

Document outline Ctrl+⌘A Ctrl+⌘H

Word count ⌘+Shift+C

Voice typing... ⌘+Shift+S

Keep notepad

Translate document...

Script editor...

Preferences...

Personal dictionary...

Comments Share

Learn more about our premium features.

chrome

Click to speak

Click this mic to speak! Change the language si tu veux parler en français.

**Speech recognition:
Google
Chrome**

Voice typing allows you to speak into the Chromebook/laptop, and your words appear on the screen!

