# 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.

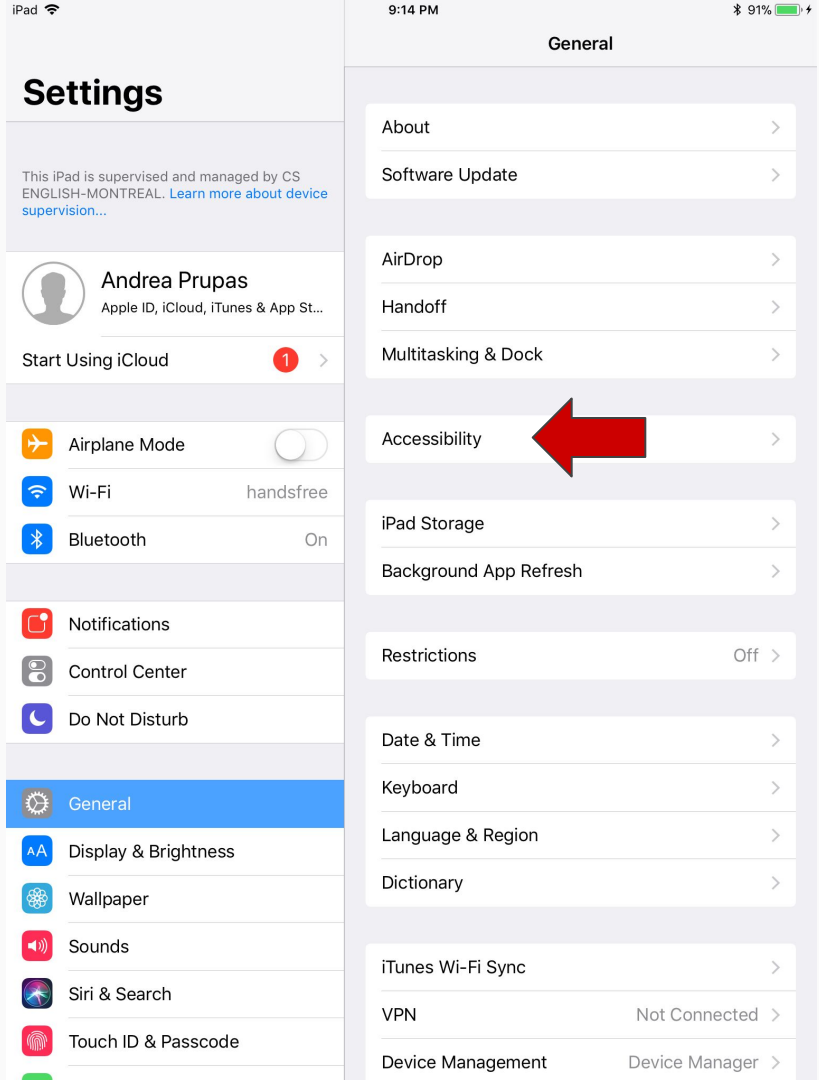
# Let’s try it

How to enable TTS on your device:

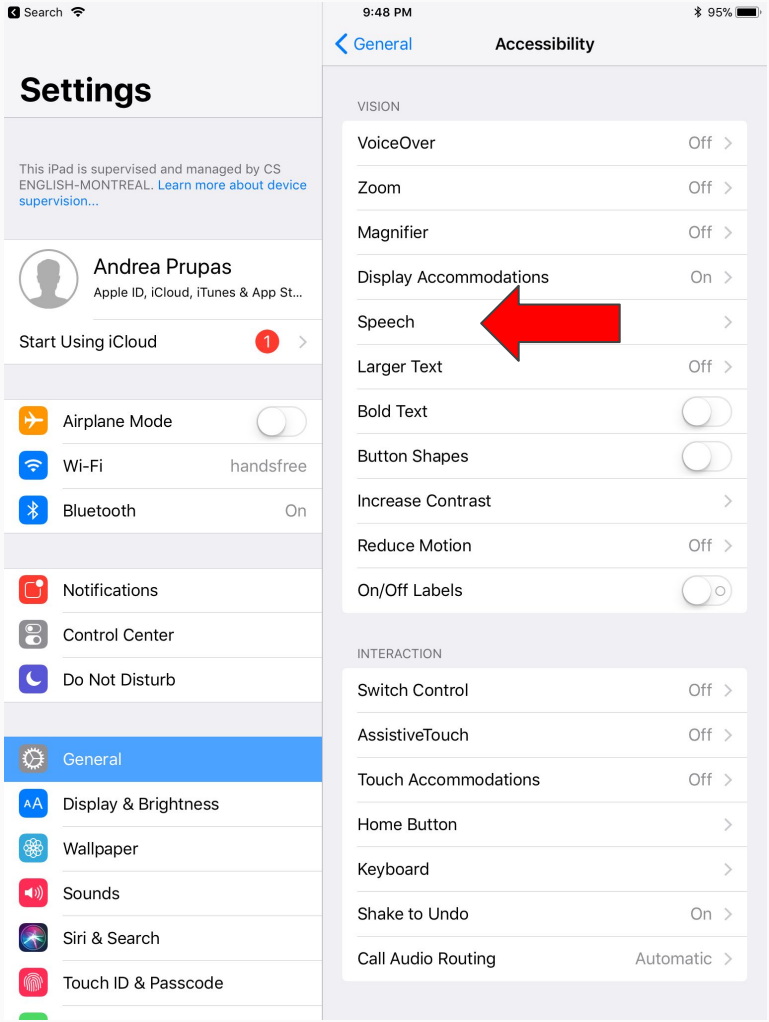
1. iOS
2. Android
3. Chrome browser

# iOS devices

iPads, iPods or iPhones

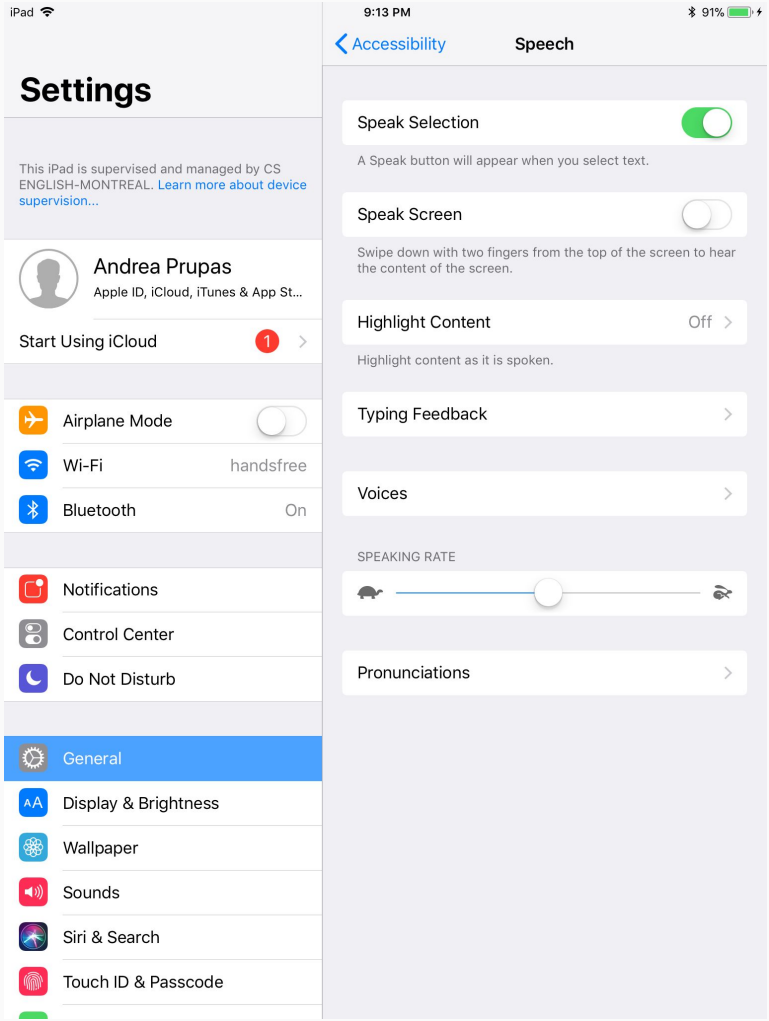



*Under General, select Accessibility menu*




*Select speech menu*

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

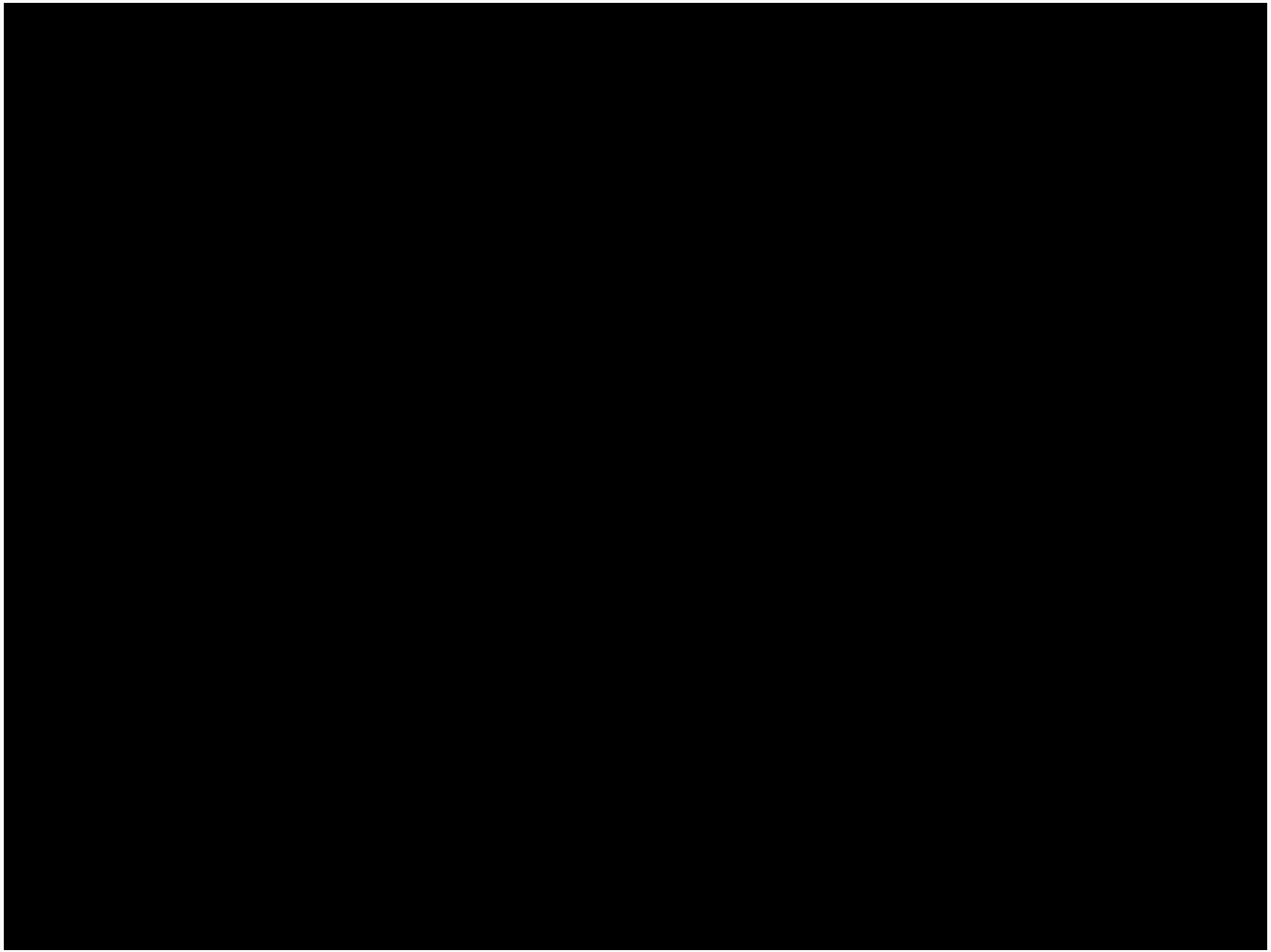



*Turn on speak selection to use text to speech*

*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*

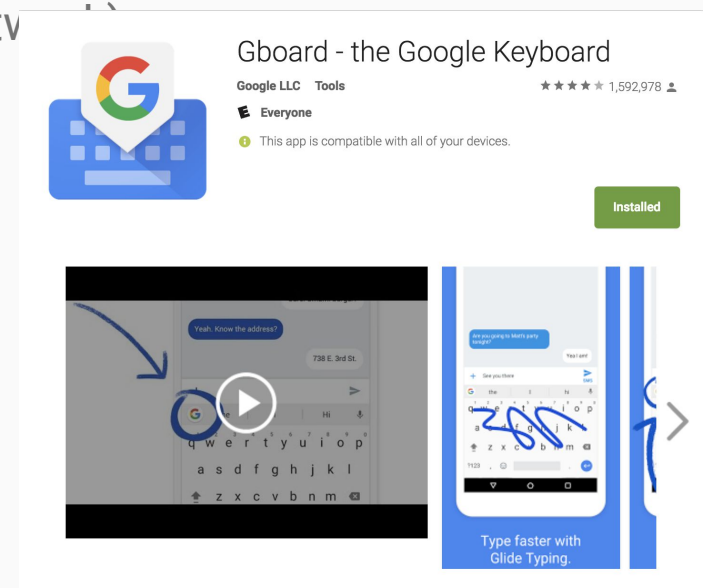


# Android Devices: Tablets / Phones

- 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 netw



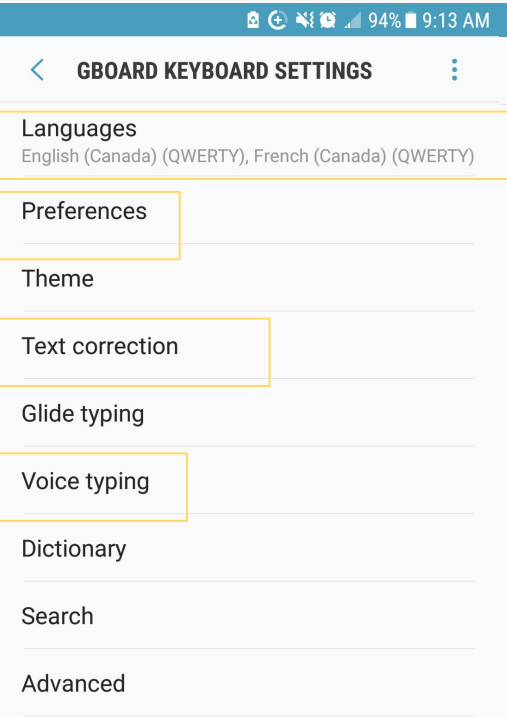
# SET UP….cont….

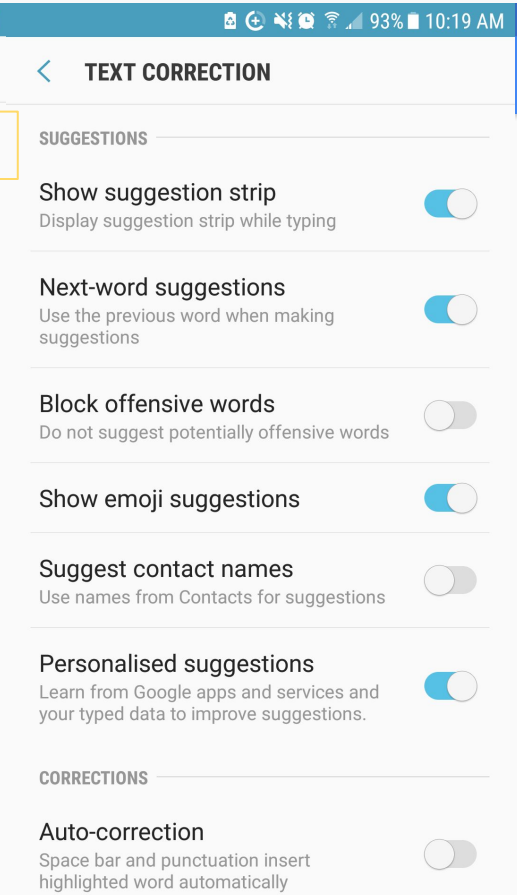
- Select Google Keyboard as your default keyboard*
  **Method depends on make and model of device, usually in LANGUAGE AND INPUT section of SETTINGS MENU. Consult the internet!*

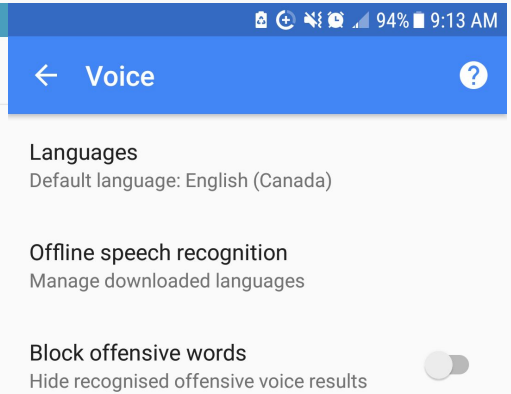
- Open the Google Keyboard App

- 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....

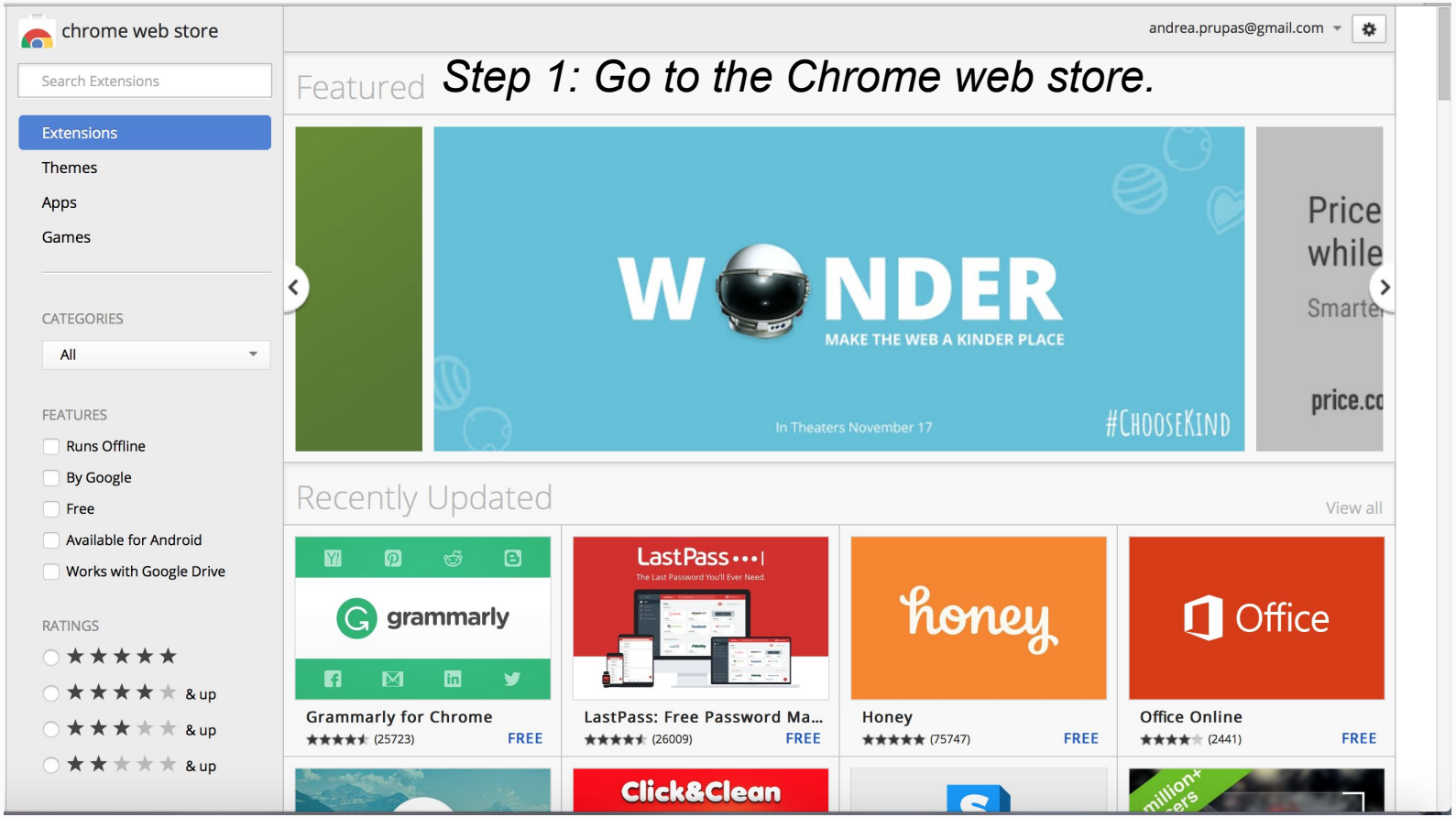

94% 9:13 AM
GBOARD KEYBOARD SETTINGS
Languages
English (Canada) (QWERTY), French (Canada) (QWERTY)
Preferences
Theme
Text correction
Glide typing
Voice typing
Dictionary
Search
Advanced


93% 10:19 AM
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


94% 9:13 AM
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


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
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andrea.prupas@gmail.com
Featured
Step 1: Go to the Chrome web store.
WONDER
MAKE THE WEB A KINDER PLACE
In Theaters November 17
#ChooseKind
Price
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price.co
Recently Updated
View all
grammarly
Grammarly for Chrome
(25723)
FREE
LastPass
The Last Password You'll Ever Need.
LastPass: Free Password Ma...
(26009)
FREE
honey
Honey
(75747)
FREE
Office
Office Online
(2441)
FREE
Click&Clean

chrome

# Read&Write for Google Chrome™

offered by texthelp.com

★★★☆☆ (1707) | Accessibility | 8,219,141 users

AVAILABLE ON CHROME

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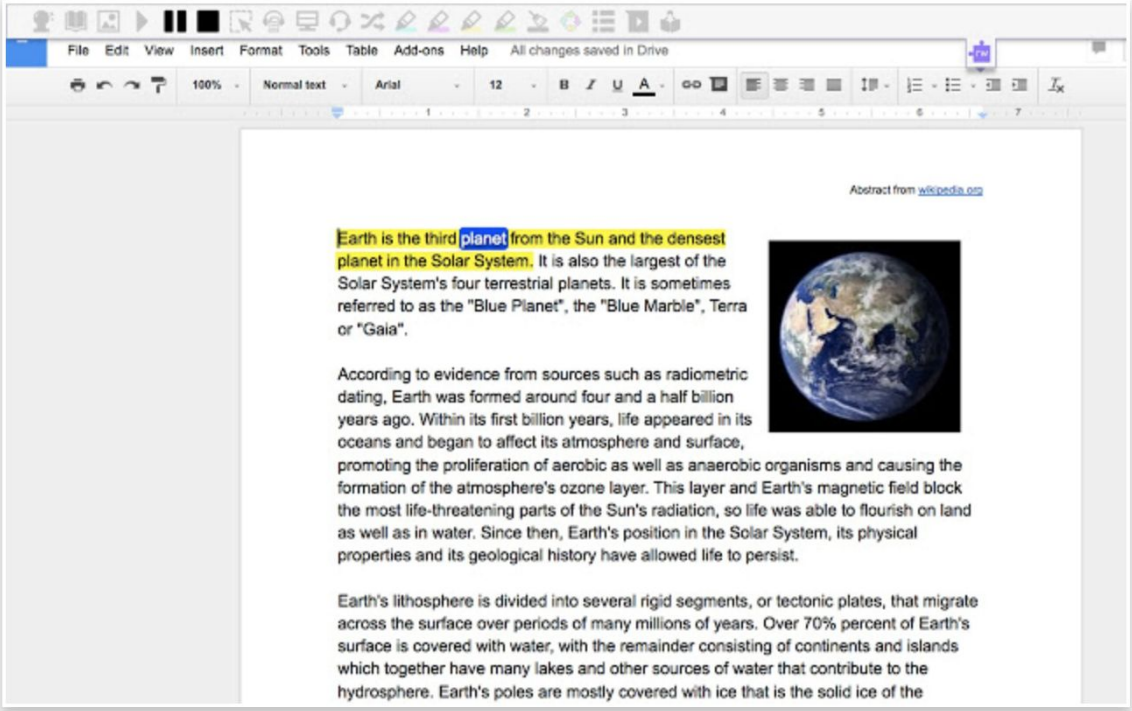
**Step 2: Download this extension! (it's free)**

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Website

Report Abuse

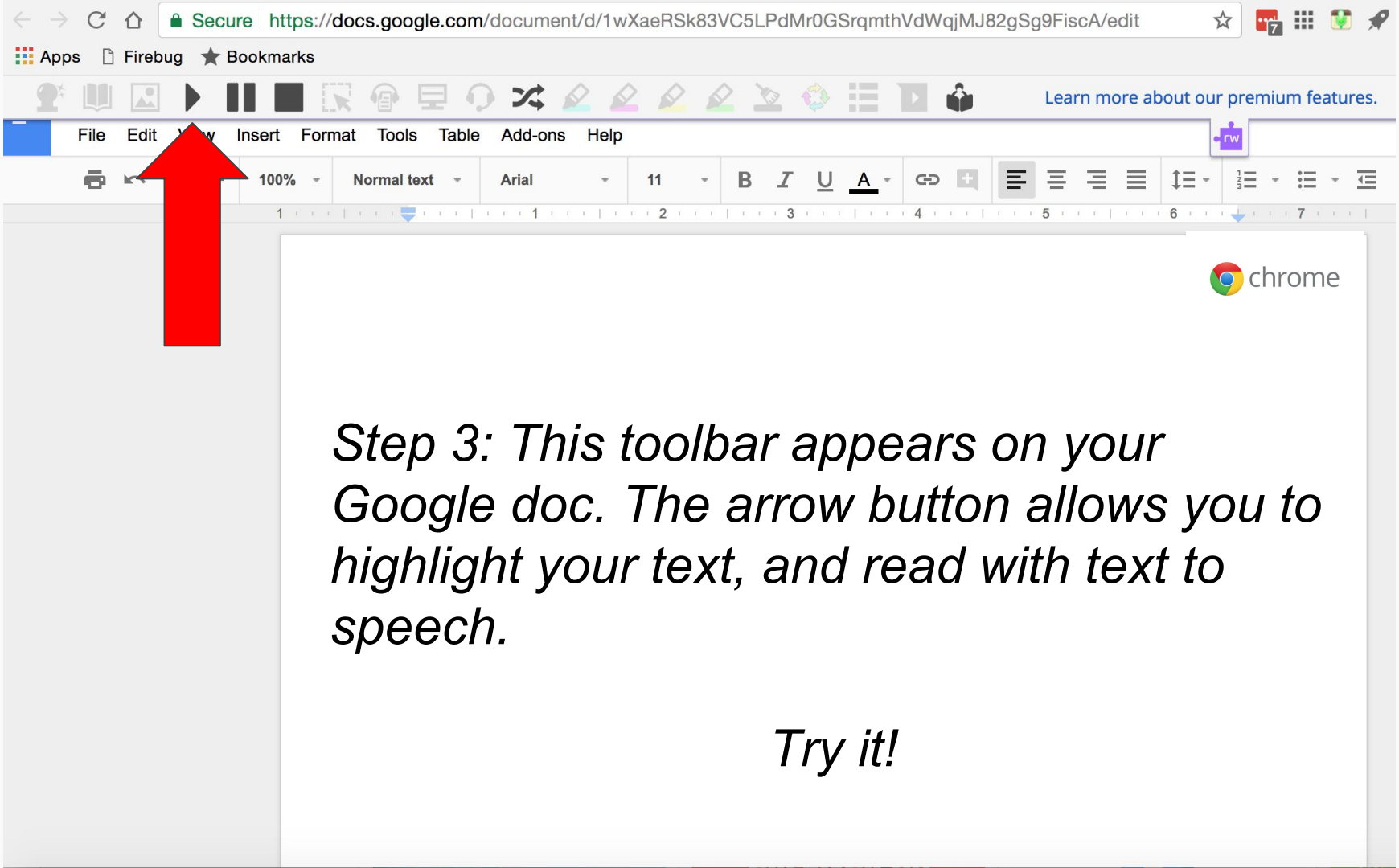
**Additional Information**

Version: 1.8.0.88

Updated: November 20, 2017

Size: 1.03MiB

Languages: See all 9


Secure https://docs.google.com/document/d/1wXaeRSk83VC5LPdMr0GSrqmthVdWqjMJ82gSg9FiscA/edit
Apps
Firebug
Bookmarks
Learn more about our premium features.
File
Edit
Insert
Format
Tools
Table
Add-ons
Help
100%
Normal text
Arial
11
chrome
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.

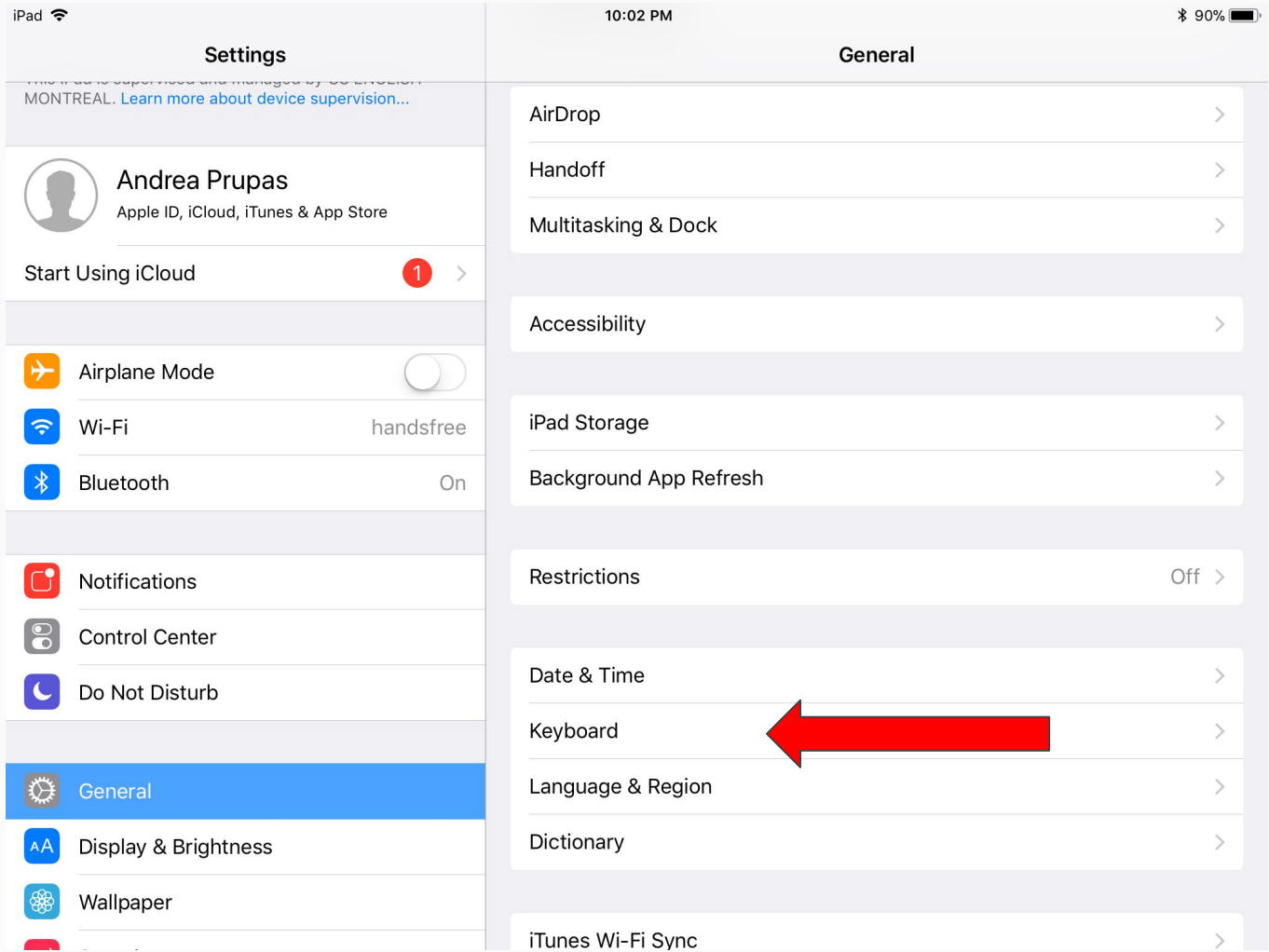
# How does word prediction help?

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

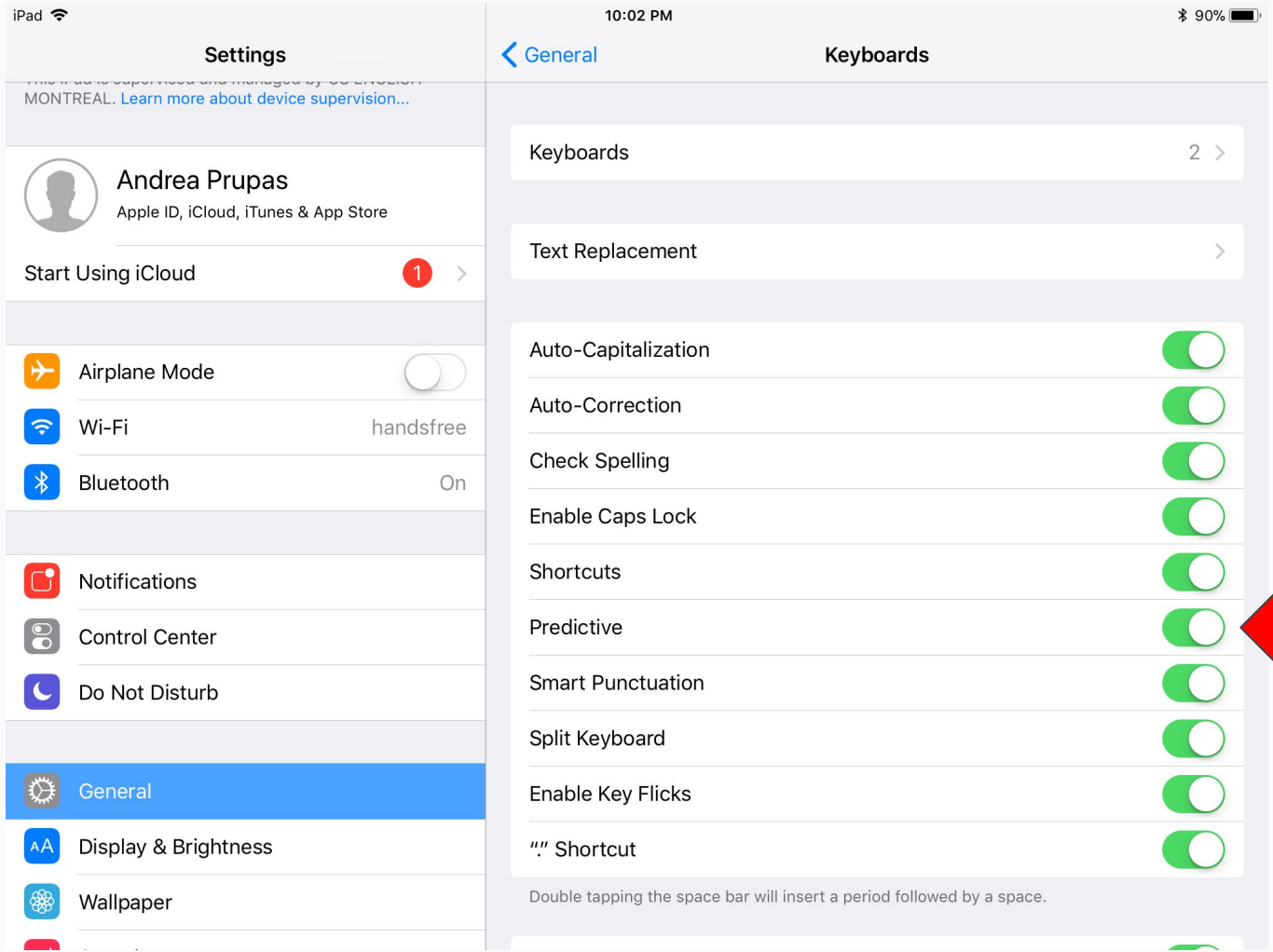
Sometimes word prediction helps students to have more vocabulary available to them.

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

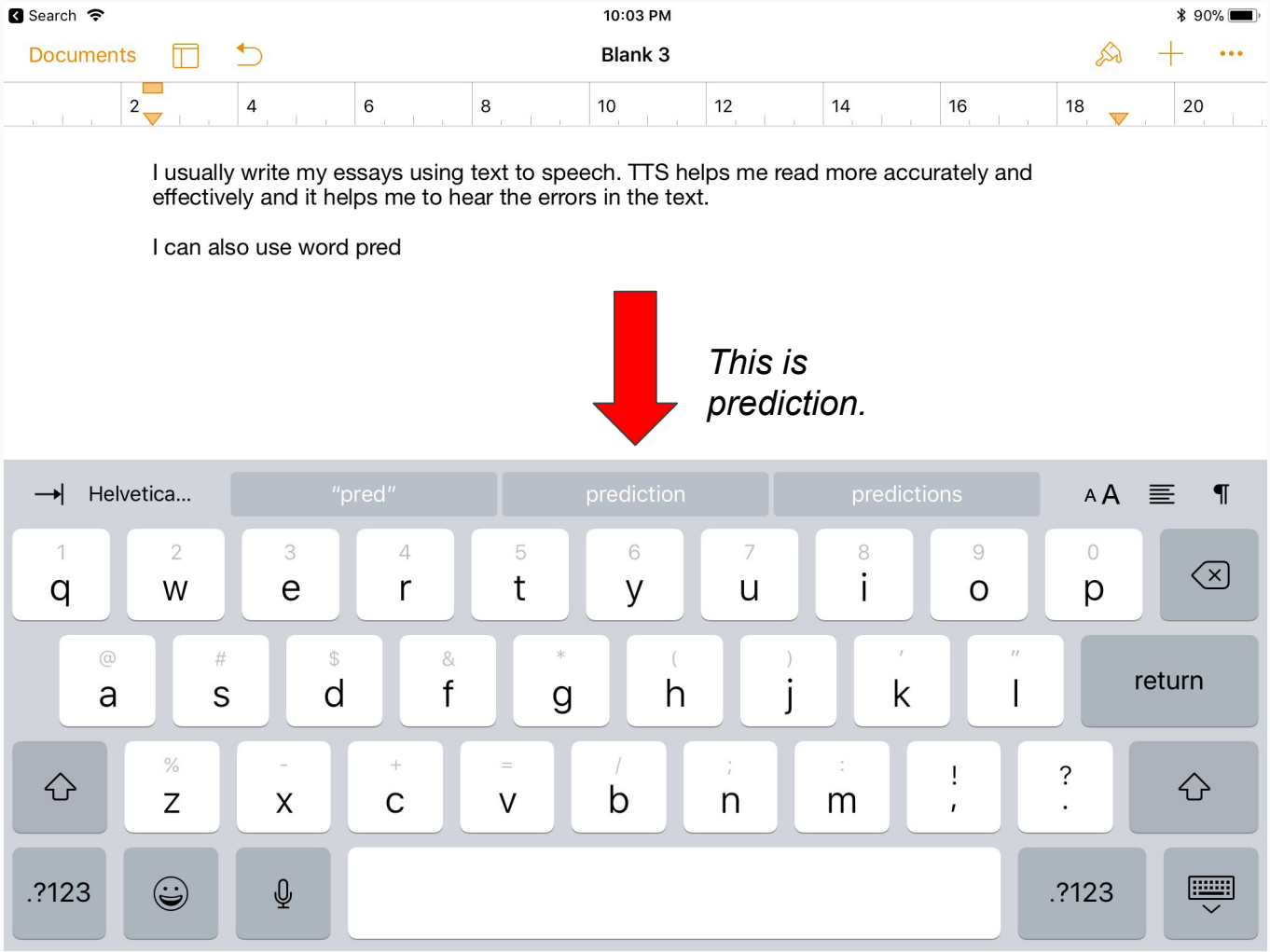
# Word prediction




*In the settings, select "General", then select "Keyboard"*




*Turn on the "predictive" function*




iOS

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

*Try it!*

# Speech recognition

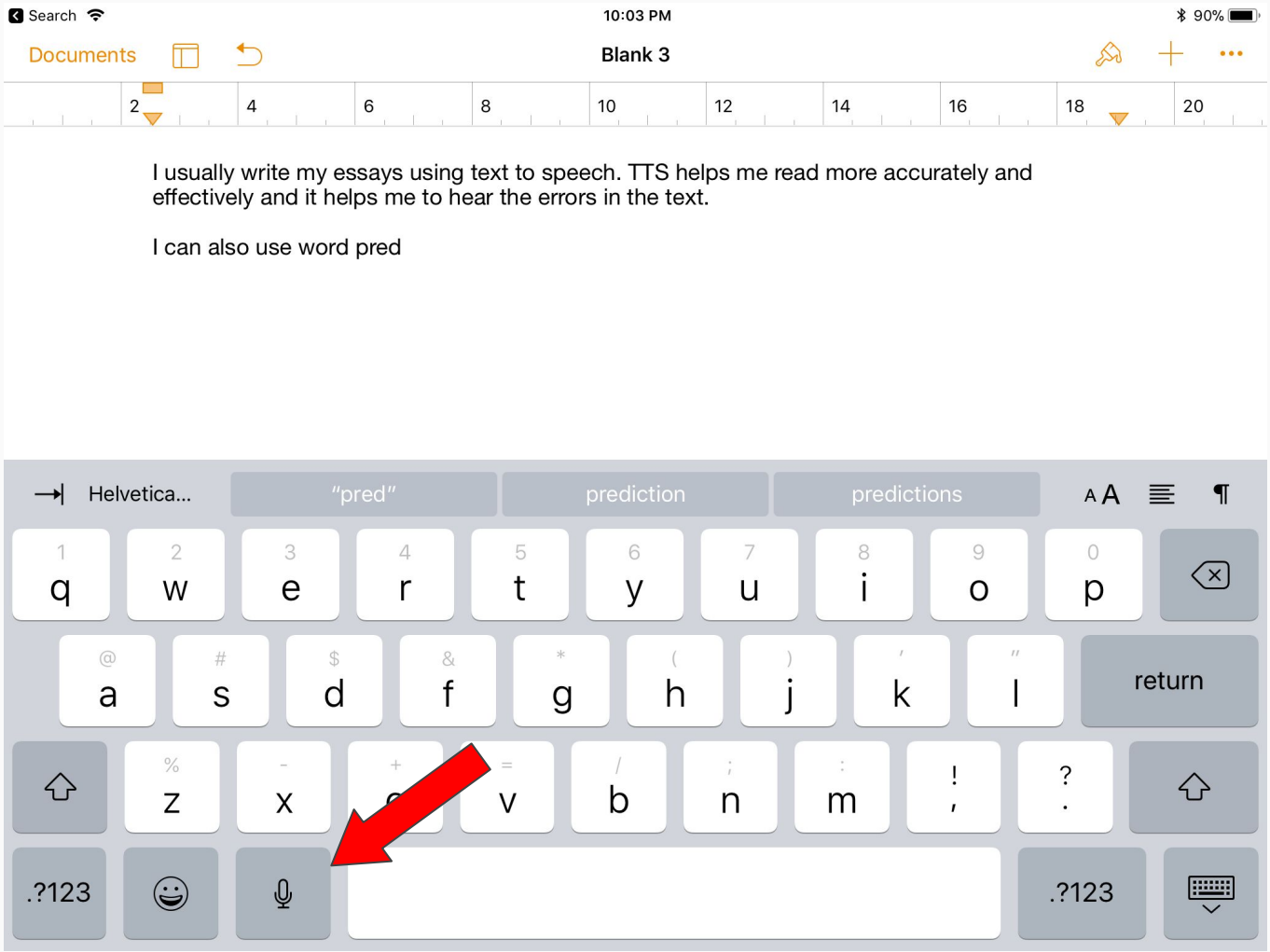
Speech recognition allows you to write words by speaking them out loud.

# 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.

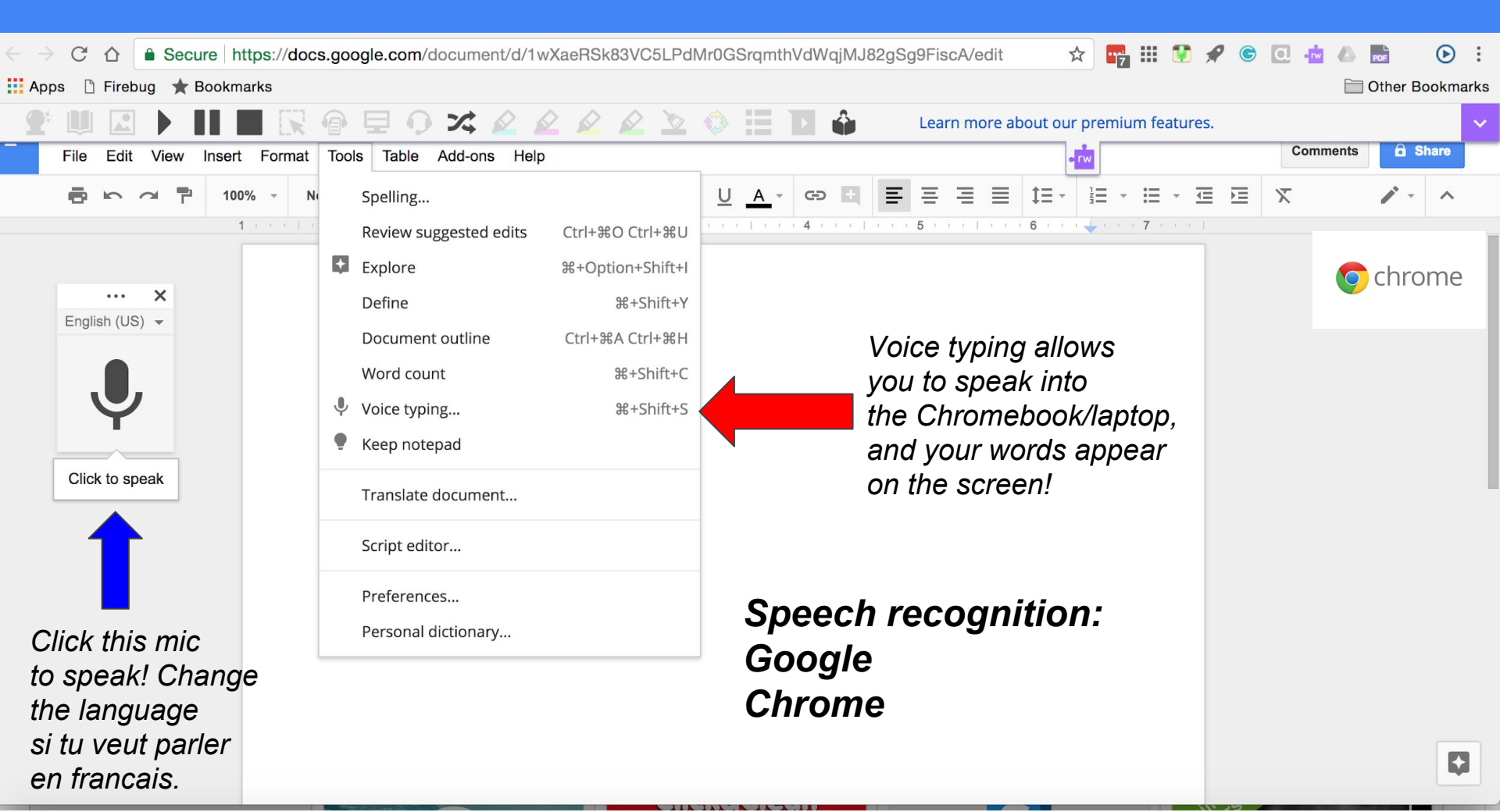



iOS

## *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
Learn more about our premium features.
File
Edit
View
Insert
Format
Tools
Table
Add-ons
Help
Comments
Share
100%
Spelling...
Review suggested edits Ctrl+⌘O Ctrl+⌘U
Explore ⌘+Option+Shift+I
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...
English (US)
Click to speak
chrome
Voice typing allows you to speak into the Chromebook/laptop, and your words appear on the screen!
Click this mic to speak! Change the language si tu veut parler en francais.
Speech recognition: Google Chrome