



Accessibility Check



- You are encouraged to turn on cameras and add to the discussion
- Close extra tabs and refresh if problems
- Log out and in again as needed
- Live captioning is enabled
- Everyone will have access to the recording for 1 week

Joan Green



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- Speech-language Pathologist
- Assistive Technology Specialist
- Online Tech Coach
- Mother of 4 Young Adults
- Senior Tech Advisor
- Founder of Innovative Speech Therapy
- Author of 4 Technology Books. Webinars & Online Courses
- Eldercare Provider
- Live in Washington, DC area (Maryland)

“Let’s Empower Learners
and Communicators of
All Ages and Abilities to
Leverage the Benefits of
Technology!”

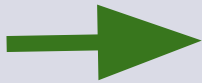
Options for Live Transcription



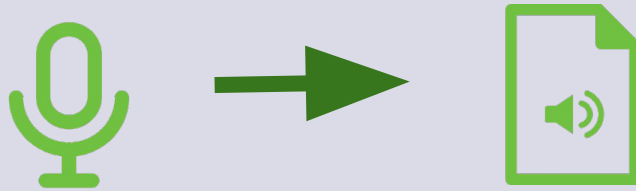
Create text versions of speech without significant delay

- Captions
- Subtitles
- Editable Documents

Speech-to-Text



Speech-to-Audio Recording



The audio file / sound file may then be transcribed either in real time or after the event

**Speech or
audio
recording/file**



Captions

**Synced/ Time
stamped with video**



Speech or audio recording



Transcription

(Conversation, presentation,
meeting)

May be synced/ Time stamped
with video

May be a stand alone document-
editable



The use of speech-to-text (STT) is a helpful feature for people with writing challenges



- **Speaking may be easier than typing or writing by hand**
 - **Writing disability- dysgraphia**
 - **Physical limitation- broken wrist/ dexterity/ arthritis**
 - **Visual challenges**
 - **Spelling issues**
 - **The device and keyboard are very small**

All current devices and
browsers offer speech- to-text



The use of text to speech while listening can be a terrific feature to support comprehension and learning



- Individuals may better understand printed words than words said aloud
 - Attention issues
 - Auditory processing challenges
 - Hearing impairments
 - Language differences
 - Autism
 - Aphasia
 - Quiet Environment

STT Transcripts of conversations, meetings and classes

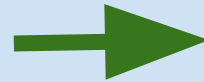


- Some transcripts can be edited
- Helpful to keep a written record of what everyone said
- Create documents for participants
- Create notes and study guides
- Support people who speak other languages
- May appear in the moment or be available after the recording finishes or within a few hours

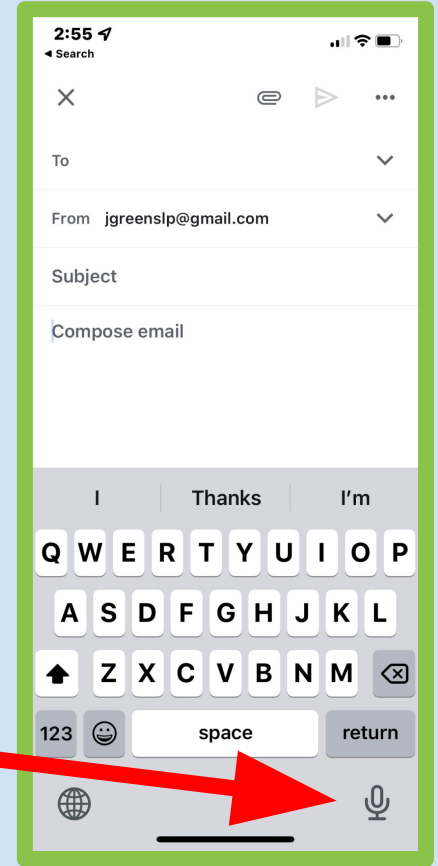
Speech-to-Text

Affected by:

- Speech intelligibility and fluency
- Microphone quality
- Background noise
- Familiarity of algorithm with the content



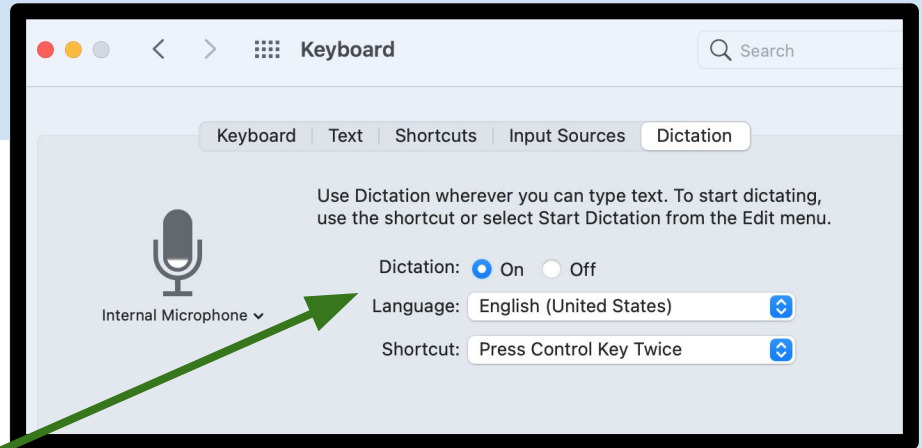
Look for the
microphone
already located
in the
on-screen
keyboard



Enable dictation from your keyboard on Mac



On a Mac > Apple > System Preferences > Keyboard



Enable dictation on a PC



Windows Speech Recognition



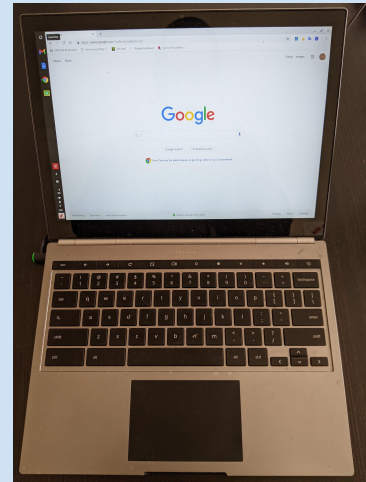
On PC with Windows 10 & 11 > Win + H opens the speech recognition at the top of the screen

Some punctuation is automatically inserted. Can dictate actions like “new line” and “undo that”.

Can train to improve performance.

Enable dictation on a Chromebook

[Chromebooks-
https://support.google.c
om/chromebook/answe
r/177893?hl=en](https://support.google.com/chromebook/answer/177893?hl=en)



(Click on the time on the bottom right of screen to access settings)

Use dictation with Smart Assistants



Alexa
Hey, Siri
“Hey, Google, type”
Cortana

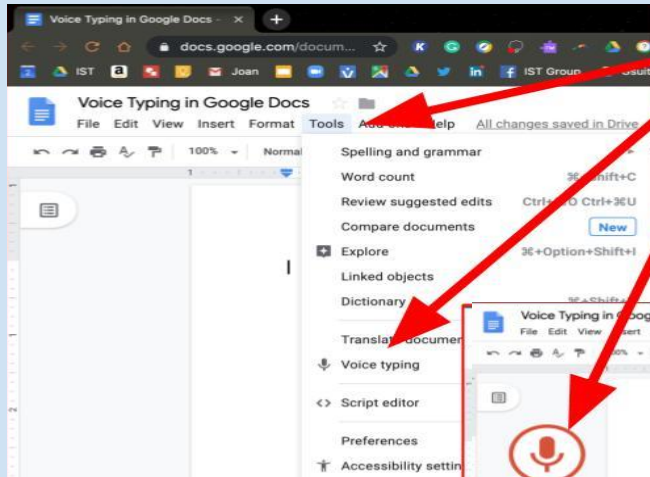
<https://support.google.com/gboard/answer/11197787?hl=en>

<https://www.siriuserguide.com/siri-dictation-guide/#:~:text=You%20can%20trigger%20dictation%20by,keyboard%20when%20it%20is%20active.&text=If%20you%20specify%20a%20specific,the%20need%20to%20mention%20dictation.>

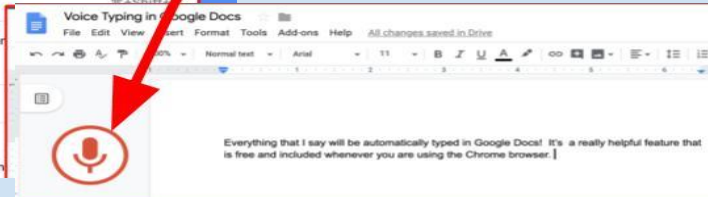
<https://www.amazon.com/Pro-Games-Voice-Pad-Dictation/dp/B0763K7NKF>

<https://www.pocket-lint.com/apps/news/microsoft/141408-t-his-microsoft-app-uses-cortana-tech-to-add-voice-dictation-to-office>

Use Voice Typing in Google Docs in Chrome (not Safari or Edge)



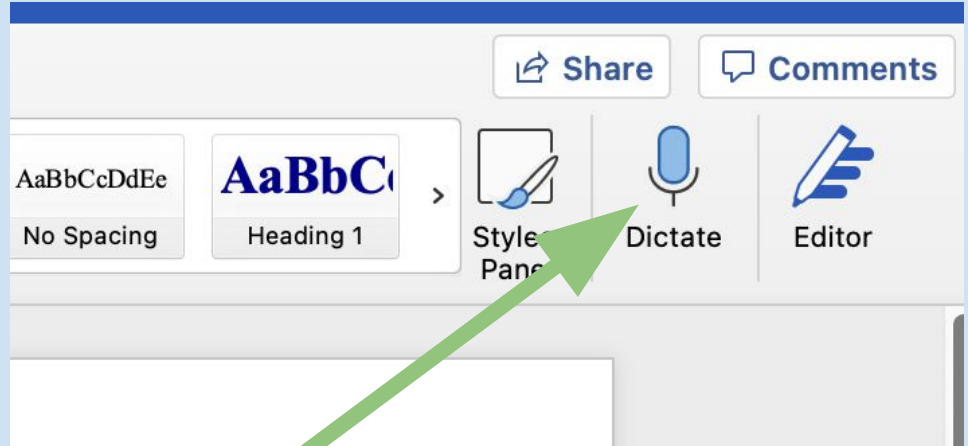
1. Open a new Google Doc in the Google Chrome Browser
2. Click on the tools menu
3. Select "Voice Typing" from the toolbar
4. Click on the microphone so it turns red
5. Dictate the words, lists, punctuation and formatting commands. You can even dictate in other languages!
6. Everything is saved automatically.



<https://support.google.com/docs/answer/4492226?hl=en>

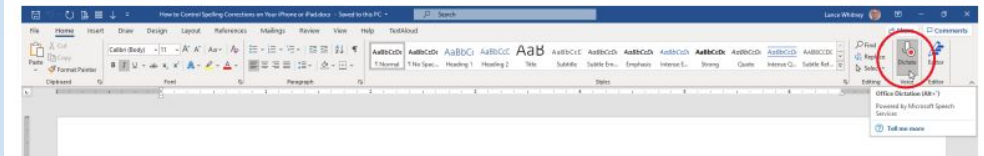
Afrikaans, Amharic, Arabic, Arabic (Algeria), Arabic (Bahrain), Arabic (Egypt), Arabic (Israel), Arabic (Jordan), Arabic (Kuwait), Arabic (Lebanon), Arabic (Morocco), Arabic (Oman), Arabic (Palestine), Arabic (Qatar), Arabic (Saudi Arabia), Arabic (Tunisia), Arabic (United Arab Emirates), Armenian, Azerbaijani, Bahasa Indonesia, Basque, Bengali (Bangladesh), Bengali (India), Bulgarian, Catalan, Chinese (Simplified), Chinese (Traditional), Chinese (Hong Kong), Croatian, Czech, Danish, Dutch, English (Australia), English (Canada), English (Ghana), English (India), English (Ireland), English (Kenya), English (New Zealand), English (Nigeria), English (Philippines), English (South Africa), English (Tanzania), English (UK), English (US), Farsi, Filipino, Finnish, French, Galician, Georgian, German, Greek, Gujarati, Hebrew, Hindi, Hungarian, Icelandic, Italian, Italian (Italy), Italian (Switzerland), Japanese, Javanese, Kannada, Khmer, Korean, Laotian, Latvian, Lithuanian, Malayalam, Malaysian, Marathi, Nepali, Norwegian, Polish, Portuguese (Brazil), Portuguese (Portugal), Romanian, Russian, Slovak, Slovenian, Serbian, Sinhala, Spanish, Spanish (Argentina), Spanish (Bolivia), Spanish (Chile), Spanish (Colombia), Spanish (Costa Rica), Spanish (Ecuador), Spanish (El Salvador), Spanish (Spain), Spanish (US), Spanish (Guatemala), Spanish (Honduras), Spanish (Latin America), Spanish (Mexico), Spanish (Nicaragua), Spanish (Panama), Spanish (Paraguay), Spanish (Peru), Spanish (Puerto Rico), Spanish (Uruguay), Spanish (Venezuela), Sundanese, Swahili (Kenya), Swahili (Tanzania), Swedish, Tamil (India), Tamil (Malaysia), Tamil (Singapore), Tamil (Sri Lanka), Thai, Turkish, Ukrainian, Urdu (India), Urdu (Pakistan), Vietnamese, Zulu.

Dictate in Microsoft Apps



<https://www.pcmag.com/how-to/dictate-text-in-microsoft-office>

Dictate in Word for Office 365



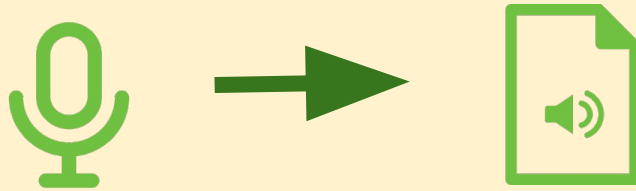
Dictate in PowerPoint



Dictate in OneNote



Speech-to-Audio Recording



The audio file / sound file may then be used with another tool to create transcription either in real time or after the event

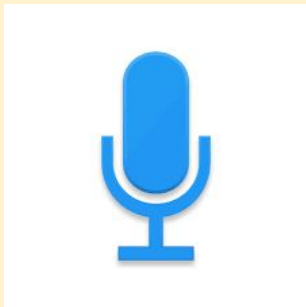
Record audio on devices



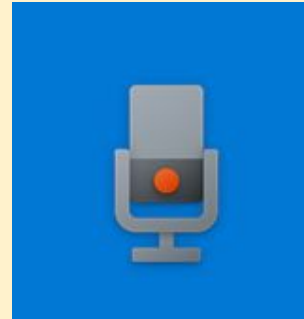
iOS- Voice Memos
Free, send files using
Airdrop, text, email,
save to iCloud, Google
Drive and Dropbox, add
to Notes and more..



Mac- QuickTime Player



Android- Voice
Recorder



Windows - Voice
Recorder

Record audio on devices

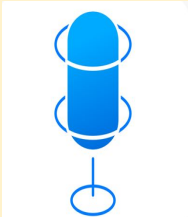


Audacity-
Free, open
source, Mac, PC

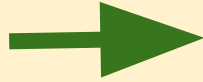


**Easy Voice Recorder - by
Digipom**

iOS and Android,
Free and Premium
Change the rate of playback, no
time limits, can choose
compressed format, capture
audio from smartwatch or phone,
can use a bluetooth microphone,
can control the recorder from
anywhere, Wear OS support.
In app purchase for full
transcriptions- \$1.99



Speech or audio recording



Transcription

Conversation, presentation,
meeting

May be Synced/ Time stamped
with video

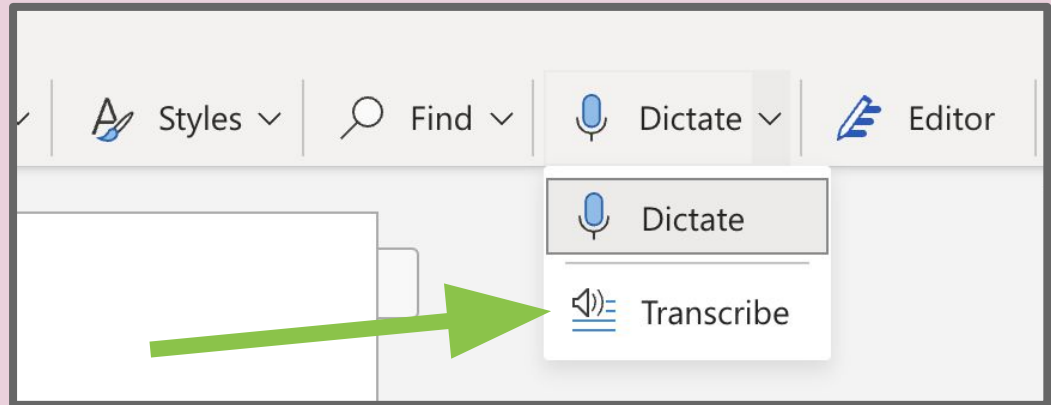
May be a stand alone document-
editable



Record audio then transcribe

Transcribe Audio in Word

- Record live conversations or upload pre recorded audio or video files and produce a transcript. Visit the recording that is time stamped with the audio and edit as needed.
- Need to be using an online version of Word.



Record audio then transcribe later



Rev Audio and Voice Recorder-
Free, Pay for Transcription

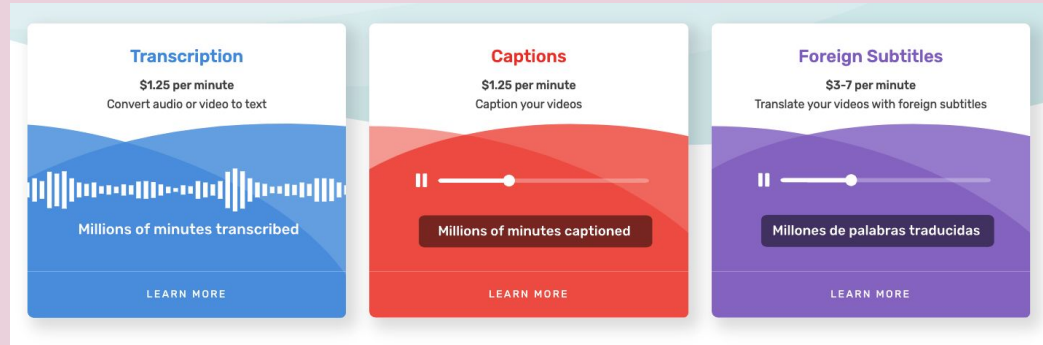


Alice, Free
iOS 10 or MacOS 11.0
and Apple M1 Chip-
Fast and easy, AI
autotranscribe, free
first 119 min.



Voice Recorder and Audio Editor- iOS and Android,
Free and Premium (\$1.99 a month)
unlimited recordings.
Transcribe for a fee. Add notes to individual recordings.
Upload to cloud services, share with others. Can change
playback speeds. Can trim recordings. Record incoming
and outgoing phone calls- need to facilitate a 3 way call.

Record audio then transcribe later



- **Professional freelance transcriptionists, captioners, and translators**
- **Automated Transcription-** \$.25 per minute. Rev's advanced speech recognition transcribes all English audio to text. Automated transcription is perfect for tight deadlines when you need a rough draft. Receive transcripts in 5 minutes for most files. Review and edit the transcript with our web-based editing tools.
- **Captions-** Rev adds captions to videos that include the dialogue of your video and important non-verbal elements that set the scene. Captions are more than converting audio to text. caption files are FCC and ADA compliant and meet Section 508 requirements.

Instant Live Transcription



Help with conversation
Good with medical terminology, works without wifi, unlimited live transcription, easy reading preferences

\$49.99 a year or \$4.99 a month (7 day trial)
Flip button to read text
Hold mic on the bottom of phone toward speaker



Android and Pixel phones - check out live transcribe option in accessibility-
<https://support.google.com/accessibility/android/answer/9158064?hl=en>

Instant Live Transcription



Otter.ai

Free, pay for transcription

Chrome, Firefox, Safari Edge, iOS 11 or above, Android 5.0 or above

Can edit along the way- real time annotation

Smart Notetaking and Collaboration apps

Can search for keywords

Share voice conversations

Synchronized word highlighting during playback

Audio input from built in mic, bluetooth and airpods.

Can also input web and movie recordings

Add images

Great for students

Instant Live Transcription



Individuals		Organizations & Teams	
Basic For individuals just getting started	Pro For individuals who need more minutes and features	Business For small teams and organizations that need to share & collaborate	Enterprise For large organizations that need additional security, control, and support
Free	\$8.33 USD /month billed annually Save 36%	\$20 USD /user/month billed annually Save 33%	
Get Started	Buy Now	Buy Now	Contact Sales
<ul style="list-style-type: none">✓ Record and transcribe live✓ Search and playback recordings✓ Highlight and insert comments	<ul style="list-style-type: none">✓ Everything in Basic✓ Import pre-recorded files✓ Add custom vocabulary✓ Advanced search and export	<ul style="list-style-type: none">✓ Everything in Pro✓ Otter Assistant: Zoom, Teams ...✓ Team vocabulary✓ Centralized billing✓ Two-factor authentication	<ul style="list-style-type: none">✓ Everything in Business✓ Single Sign-On (SSO)✓ Organization-wide deployment✓ More payment methods

One of my top picks!!

Try the free version- Generate rich notes for important meetings and conversations
Rel time collaborative highlighting and shared speaker tagging.

Instant Live Transcription

Speechy, <https://speechy.app/>



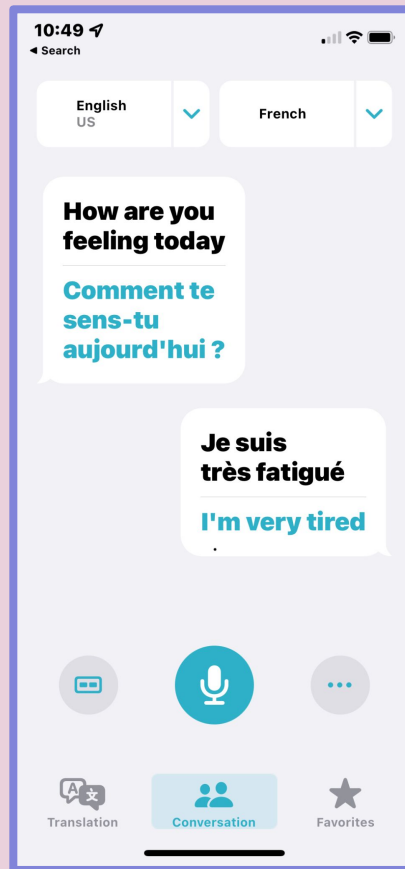
One of my top picks!!

\$9.99

- Transcribes your words and records your voice so you can refer to the original recording- Voice to text audio files
- Unlimited recognition duration- won't time out
- Unlimited save and edits
- Can edit the text
- Can add custom vocabulary
- Arabic, Cantonese, Catalan, Chinese, Croatian, Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hebrew, Hindi, Hungarian, Indonesian, Italian, Japanese, Korean, Malay, Norwegian, Bokmål, Polish, Portuguese, Romanian, Russian, Shanghainese, Slovak, Spanish, Swedish, Thai, Turkish, Ukrainian, Vietnamese.



Microsoft and
Google Translate
apps- Free-
Amazing!



More to explore



TranscribeMe! <https://www.transcribeme.com/>

SpeakWrite- <https://speakwrite.com/>

DragonAnywhere-
<https://www.nuance.com/dragon/dragon-anywhere.html>

Call Recording by NoNotes-
<https://apps.apple.com/us/app/call-recording-by-nonotes/id522637615>



Google Chrome Live Transcribe



You can turn on Live Caption for media you play in Chrome. English only.

1. On your computer, open Chrome .
2. At the top right, click More Settings.
3. At the bottom of the Settings page, click Advanced Accessibility Captions.
4. Turn on Live Caption.

<https://support.google.com/chrome/answer/10538231?hl=en>

Live Captions- Presentation Tools



<https://support.microsoft.com/en-us/office/present-with-real-time-automatic-captions-or-subtitles-in-powerpoint-68d20e49-aec3-456a-939d-34a79e8ddd5f>



<https://support.google.com/docs/answer/9109474?hl=en>

Open Captions- Always in view. Time coded.
May be distracting for some people.

Captions- Auto Generating

Immediate but often less accurate than captions typed by a professional

May not be sufficient for certain people with special needs



Captions- Can translate into other languages!



Powerpoint for Microsoft 365 can transcribe words as subtitles translated into other languages.

7 languages are fully supported for voice input.
15 languages are partially supported.

It can display captions or subtitles on screen in 60+ languages.

Can also manually add captions or edit them.

What is required by law for accommodations?



Students grades Pre-K through 12- IDEA and Section 504 of the Rehabilitation Act

<https://sites.ed.gov/idea/>

Employees in business with > 15 employees, Title 1 of the Americans with Disabilities Act.

<https://www.eeoc.gov/laws/guidance/fact-sheet-disability-discrimination>

<https://www.understood.org/articles/en/types-of-college-accommodations-and-services>

CART- Communication Access Realtime Translation



- May be required by law for an event
- Uses a trained professional provider who translates speech to text
- Can fill in missing gaps and be aware of names and special vocab
- <https://www.captionaccess.com>
- <https://www.acscaptions.com>

Subtitles

Originally intended for hearing viewers who don't understand the language

Don't understand sound effects



Live Captions- Video Conference



Zoom



Google Meet



Microsoft Teams

Closed Captions- Viewers can turn on or off.
Traditionally, included environmental sounds.
Time-coded chunks.

Live Captions- Video Conference

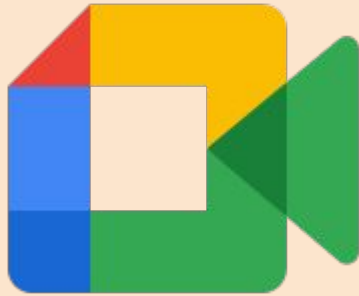


Zoom

<https://blog.zoom.us/zoom-auto-generated-captions/>

- Click the arrow next to the CC Live Transcript button on the toolbar.
- Click View Full Transcript. The transcript window displays.
- A copy of the full transcript is available through My Media and Media Gallery for student viewing, and a text file of the transcript is available to the host.
- If you would like your participants to be able to save a copy of the live transcript, go to your Zoom settings and scroll down to the In Meeting Advanced section. Turn on the setting to Save Captions.

Transcriptions



Google Chrome Extension- Google Meet Transcript by Scribbl -
<https://www.scribbl.co/>

Auto starts in Google Meet

Google Meet

Free Forever	Pro
Perfect for anyone with a low volume of transcripts needed.	Perfect for anyone with a high volume of transcripts needed.
Free	\$9
	Billed monthly
<ul style="list-style-type: none">✓ Unlimited Transcripts✓ Auto-start in Google Meet✓ 15 transcripts /mo with pro features	<ul style="list-style-type: none">✓ Unlimited Transcripts w/ PRO features✓ Record video (unlimited)✓ Auto-start in Google Meet✓ Transcript auto saves in Google Docs✓ Chat auto saves in Google Docs✓ One-click highlight important captions✓ Speaker labels✓ Time-stamped notes
Try for Free →	

Resources for captioning options in videoconferencing and learning management systems

<https://www.acscaptions.com/captioning-options-for-videoconferencing-and-learning-management-systems/>



Captioning options for Videoconferencing and Learning Management Systems

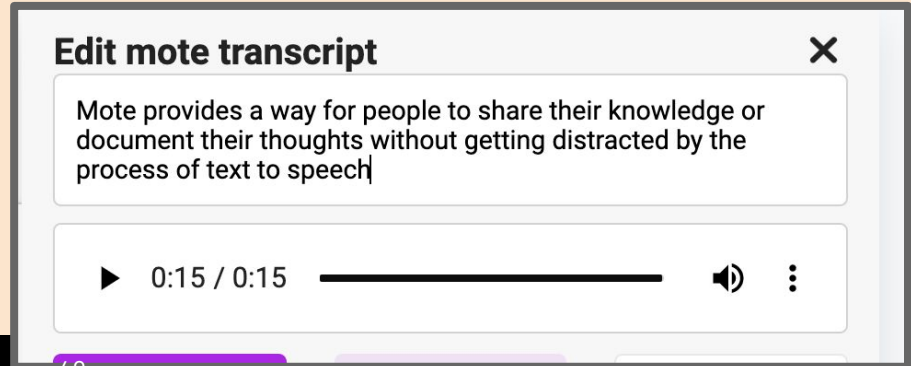
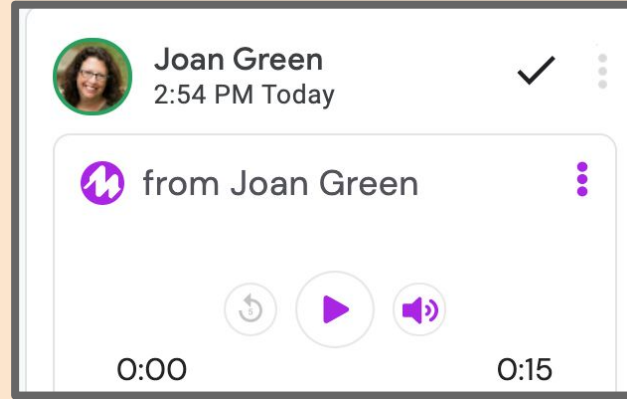
(A version of this post was first published on <https://tinachildress.wordpress.com/>.)

In an effort to stop the exponential growth of COVID-19, we're seeing daily announcements about schools and higher-ed institutions deciding to close or move coursework to an online format. For students who are Deaf/Hard of Hearing, it is important that educators and IT staff plan for accessibility if the online classes require listening to audio in order to participate.

We are seeing similar measures from companies and businesses putting travel bans into place and requiring employees to telecommute. Flights and larger events are being canceled and workers are being asked to stay and work from home.

Mote Chrome extension

- Use in Google Docs, Google Slides, and more..
- Speech to
- Audio- up to 3 min then can transcribe if have premium version
- Mote inserts some punctuation
- Transcriptions can be edited



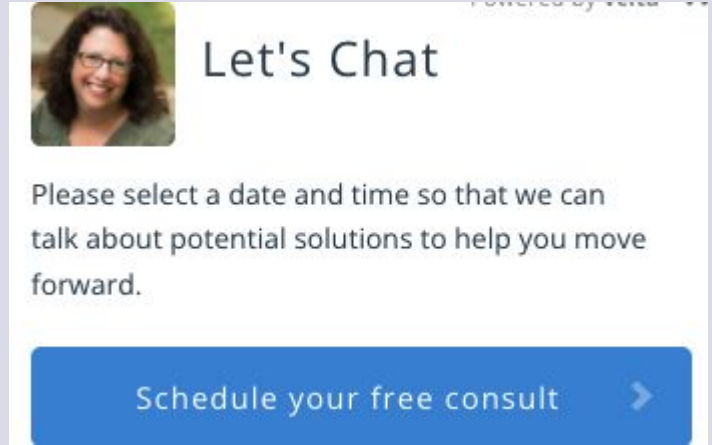
Incredible Resource with more options by See Hear Communication Matters

https://docs.google.com/spreadsheets/d/18g0yT08qPmboMX5WUvac00vN8M90tvr0_WtIhUxTd0k/edit#gid=376066376


	Meet	Live Caption	Docs	Translate	Translator	Presentation Translator	Teams	Skype Translator	Office products	Web Captioner	Ott
No	•	•	•	•	•	•	•	•	•	•	
Can increase font size											
From within app						•					
In device settings		•	•							•	
Internet required											
Yes	•		•	•	•	•	•	•	•	•	
No		•			If using translation with keyboard	If using translation with keyboard					
Caption source											
					example:						

Free 15-minute Calls

- TheyMayNotKnow.com
- www.innovativespeech.com
- joan@innovativespeechtherapy.com



Powered by Veeva

 Let's Chat

Please select a date and time so that we can talk about potential solutions to help you move forward.

Schedule your free consult >

- ❖ Technology for Seniors
- ❖ Chrome Extensions
- ❖ Digital Pens
- ❖ Digital Books
- ❖ Captions and Subtitles
- ❖ Iphone Tips & Tricks
- ❖ Free Features, Apps and Websites
- ❖ Amazon Alexa
- ❖ Complex Communication Needs
- ❖ Organization and Productivity
- ❖ Aphasia
- ❖ Back to School

<https://learn.innovativespeech.com/bundles/webinar-recordings>

All Access Pass for 1
Month- \$25.00