# EA Sensory Service Education Authority Logo

# Appendix 1: Examples of Learning Platforms and features to improve accessibility for deaf pupils

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| **Google classroom**  In [Google meet](https://support.google.com/meet/answer/9300310?co=GENIE.Platform%3DDesktop&hl=en&oco=1)- pupils can turn on captions in video call:  This link shows how [Filter](https://support.google.com/meet/answer/9919960?co=GENIE.Platform%3DAndroid&hl=en) out noise from video call  You can add [captions](https://support.google.com/docs/answer/9109474?hl=en&ref_topic=6039805) to Google slides. This [video](https://teachingforward.net/closed-captioning-in-google-slides/) gives a visual demonstration of how to add captions. | **Chromebooks**  **Audio and captions**  [Chromebook](https://www.google.com/intl/en_uk/chromebook/accessibility/" \l "audio-and-captions)’s website have instructions on how to add captions and change the audio output.  This video gives more information regarding [Accessibility on Chromebooks](https://sites.google.com/c2ken.net/gsuitehelp/chromebooks/accessibility-on-chromebooks) |
| **Microsoft - Teams**  The [Microsoft Educator Centre](https://education.microsoft.com/en-us/resource/679259ab) gives an overview of the accessibility features available in their products.  **Captions**  In Microsoft Teams, pupils can access captions by selecting ‘Turn on Live Captions’ in the ‘more Actions […]’ menu. Here is a [video](https://chrismenardtraining.com/post/live-captions-in-microsoft-teams-with-speaker-attributions) that shows you how to do this.  **Filtering out noise in a video call**  You can [reduce background noise](https://support.microsoft.com/en-us/office/reduce-background-noise-in-teams-meetings-1a9c6819-137d-4b3b-a1c8-4ab20b234c0d) when in a Teams meeting. This [video](https://www.onmsft.com/news/microsoft-teams-is-bringing-ai-based-noise-suppression-to-macs-and-mobile-devices) demonstrates the difference that sound suppression makes.  **Split Screen**  You can [split the screen](https://www.thinkoutsidetheslide.com/present-with-your-video-beside-your-powerpoint-slides-in-microsoft-teams-or-zoom/) so that you can present beside your PowerPoint. **Advice - do the set up first, then activate Teams with the Teams camera option ‘off**  **Using a Sign Language Interpreter on Teams**  This [video](https://www.rmtcdhh.org/aiovg_videos/how-to-use-microsoft-teams-with-an-asl-interpreter-on-a-pc/) shows how to use Teams with a Sign language Interpreter on a PC | **Microsoft PowerPoint for 365**  **Captions**  This [document](https://support.microsoft.com/en-us/office/present-with-real-time-automatic-captions-or-subtitles-in-powerpoint-68d20e49-aec3-456a-939d-34a79e8ddd5f?ui=en-us&rs=en-us&ad=us) and [video](https://support.microsoft.com/en-us/office/video-live-captions-subtitles-371bd124-855f-46a9-a923-5371c10f36c5) provide step by step instructions of how to create captions on a PowerPoint presentation.  **Microsoft Word**  This [video](https://support.microsoft.com/en-us/office/transcribe-your-recordings-7fc2efec-245e-45f0-b053-2a97531ecf57) explains how to record and transcribe audio Record and transcribe audio in Word.  This [document](https://support.microsoft.com/en-us/windows/dictate-text-using-speech-recognition-854ef1de-7041-9482-d755-8fdf2126ef27) and [video](https://support.microsoft.com/en-us/office/dictate-your-documents-in-word-3876e05f-3fcc-418f-b8ab-db7ce0d11d3c) provide step by step instructions of how to dictate text using Speech Recognition on Word (speech to text).    **Microsoft One note**  This [document](https://support.microsoft.com/en-us/office/dictate-your-notes-in-onenote-2f5d1549-afe1-4abd-95ff-829a839e3d00) and [video](http://www.cobblearning.net/ccsdintech/2020/08/27/onenote-updates-for-the-new-school-year/) demonstrates how Microsoft OneNote now has the capability to generate live Captions. |

# Appendix 2: Examples of captioning apps for video content

| **Short video content e.g. teacher home learning video clip** | | **Longer video content** | |
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| **Mobile App** | **Features** | **Online captioning platform** | **Features** |
| **Clips**  (iOS, free of charge) | * Live record in app * Can import pre-recorded videos to add voiceover and captions * Cannot add captions to the speech of pre-recorded videos | **Youtube**  (free) | automatically transcribes / set up private channel for viewing / unable to download with captions embedded |
| **Clipomatic**  (iOS, £4.99) | * Ease of use * Live record in app * Maximum 60 second clip * Cannot import pre-recorded videos | **Subly**  (free) | Free / automatically transcribes / Captions embedded / User friendly /Up to 500MB (4 hours) |
| **Autocap**  (Android and iOS, free) | * Live record in app * Can import pre-recorded audio or live record * Auto-captioning 5 minute maximum length * Watermark (unless using paid option) | **Kapwing**  (free- however video is public unless pay subscription) | Automatically can transcribe in 120 languages / Can manually add subtitles / captions embedded / up to 250MB |
|  |  | [**Otter.ai**](https://blog.otter.ai/how-to-transcribe-any-videos-with-otter-ai/)  **see** Appendix 3 | This app can be used for video transcription |
|  | Source: [NDCS Training Webinar](https://www.ndcs.org.uk/our-services/services-for-professionals/training-courses/webinars/apps-for-creating-captioned-videos-on-mobile-devices-webinar/) |  | Source- [NDCS Training Webinar](https://www.ndcs.org.uk/our-services/services-for-professionals/training-courses/webinars/online-platforms-for-adding-captions-to-your-videos-webinar/) |

# Appendix 3: Examples of Speech to Text apps or live transcription apps

| [**Live Transcribe**](https://play.google.com/store/apps/details?id=com.google.audio.hearing.visualization.accessibility.scribe&hl=en_GB)  **Live transcribe app icon shows a white elephant on a red square background**  **iOS | £4.99| 1 mistake**  The iOS Live Transcribe app offers the option to quickly switch between typing and speaking, which not only makes it easier for a deaf person to understand a hearing person, but also for the deaf person to make themselves understood. There is no need to create an account.  **Other features that set this app apart:**  Offline mode, meaning it can be used in shops or buildings with limited signal.  A Flip Screen button, making it easier for the hearing person to see what they are saying before flipping it back for the deaf person to read.  A minor downside is that the typing option doesn’t do the same, so unless the deaf person wants to read upside down, the microphone will still be faced away from the hearing person speaking.  The offline mode and speak and type options show its potential as an app aimed at facilitating conversations, though its user interface is a bit clunky. | **Live Transcribe (Android)**  Picture shows the icon for the app which is a green box with the picture of a white page with a green microphone and page.  **Android | free|2 mistakes** It starts recording as soon as it hears a voice and seems pretty good at prioritising the speaker closest to the phone over people further away. Not much punctuation apart from the full stop at the end of the sentence.  The Android Live Transcribe app is not created by the same developer as the iOS Live Transcribe app, but like the iOS Live Transcribe app this offers the option to type text as well, and no account is needed to use it.  **Additional features that set this app apart:**  Indicates when music is playing on the background or other sound effects such as laughter.  Has the option to hide swear words by replacing them with asterisks (\*\*\*). This is useful when using the app with younger children. | [**Otter Voice Notes**](https://otter.ai/login)  **Blue lettering saying otter.ai**  **iOS, Android | free and paid | 0 mistakes** Otter is an app but can also be run on a desktop or laptop. The free version offers 600 minutes of live transcription a month. For more minutes, there are paid versions.  The accuracy, punctuation, and user friendliness of the app are pretty good, but it’s a pity it cannot be used offline and that it doesn’t have an option to type dialogue which would be useful for deaf children and young people that don’t use their voice.  **Features that make this app stand out:**  Transcripts can be saved and edited. As you need to create an account, transcripts are saved into your account and can be shared with others.  Words can be added to vocabulary. We've used this to add jargon and  people’s names which improved the accuracy of the transcript |
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Source: [NDCS Blog](https://www.ndcs.org.uk/blog/apps-to-help-conversation-with-deaf-children-and-young-people-speech-to-text/) ‘Apps to Help Conversation with Deaf Children and Young People’

# Appendix 4: Other options for captioning or dictation

| **Web Captioner**  Web captioner icon shows a yellow rectangle with the words web captioner written in black inside it | Offers free live captioning on a website in multiple languages.  This is best used in a split-screen situation where a teacher is presenting on one side of the screen and the captions are on the other side of the screen.  Student needs adequate vision; however, the font is able to be adjusted. | [Web Captioner](https://webcaptioner.com/) |
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| **Microsoft Dictate**  Microsoft Icon has a square made up of four individual squares coloured red, green, blue and yellow. | Available in Microsoft 360 - Word, PowerPoint, OneNote  Punctuation only available by saying them explicitly. | [Microsoft Dictate](https://support.microsoft.com/en-us/office/dictate-in-microsoft-365-eab203e1-d030-43c1-84ef-999b0b9675fe) |
| **Microsoft Translator**  Microsoft Logo consisting of a square made by four smaller squares coloured red, green, blue and yellow  Green box with white letter a and two white arrows going different directions | The Translator for Education site provides free resources, tools, and how-to guides for live captioning and translation in the classroom. Schools are increasingly diverse. Teachers manage many types of learners, including students who are deaf or hard of hearing (DHH) who require assistive technology, and language learners (and their parents) who may not speak or understand the language of the classroom well. Microsoft Translator helps bridge these communication gaps, supporting accessible classroom learning with live captioning, cross-language understanding, and even multilingual casual conversations to help with student integration. | [Microsoft Translator for Education - Microsoft Translator](https://www.microsoft.com/en-us/translator/education/)  [Using Microsoft Translator for Education - Office Support](https://support.microsoft.com/en-gb/office/using-microsoft-translator-for-education-f96d43c2-b5a4-40e5-b1b5-43763e6f10b6)  [Using Microsoft Translator in a presentation - PowerPoint](https://support.microsoft.com/en-us/office/using-microsoft-translator-in-a-presentation-2582d976-97ea-4bf3-af1b-3647d925240a)  [Use Microsoft Translator in Microsoft Edge browser - Office Support](https://support.microsoft.com/en-us/office/use-microsoft-translator-in-microsoft-edge-browser-4ad1c6cb-01a4-4227-be9d-a81e127fcb0b)  [Joining a conversation in Microsoft Translator - Office Support](https://support.microsoft.com/en-us/office/joining-a-conversation-in-microsoft-translator-bfaee73a-71df-4f67-8de7-e8571090bc63)  [Apps - Microsoft Translator](https://www.microsoft.com/en-us/translator/apps/) |