DARREN BRITTEN: Hello. Good afternoon from the East coast of Australia, thank you for joining us today. My name is Darren Britten. I am the National Assistive Technology Project Officer for the Australia Disability Clearing House on Education and Training, that is ADCET for short.

This webinar is being live captioned and to activate the captions, click on the CC button in the toolbar that's located either on the top or the bottom of your screen. We also have live captions available via a browser and Kylie will add a link to that into the chat box.

I would like to start by first acknowledging the Lutruwita, the Australian Aboriginal land on which ADCET is hosted. I'm coming to you from the lands of the Wurundjeri people of the Kulin nation here in Victoria. In the spirit of reconciliation ADCET respectfully acknowledges First Nations peoples and pays respects to Elders past, present and future, and to the many Aboriginal people that didn't make Elder status. I also acknowledge all countries participating in this webinar and also acknowledge their Elders and ancestors and their legacy to us and any Aboriginal and Torres Strait Islander people participating in this webinar today.

Today's webinar on Accessibility in Office 365 Language and Communication is presented by Andrew Balzer, Educational Success Manager at Microsoft. And Andrew will be showcasing accessibility features that are built into Microsoft Office and we will be discussing a vast array of assistive technology products that are designed for individuals who have a language and communication disability.

Before we begin, just a few short housekeeping details. This webinar is being live captioned by Michelle from Bradley Reporting, and the recording of this will be available on the ADCET website in a few days. If you have technical difficulties like my dog growling at me right at the moment, please email admin@adcet.edu.au.

This presentation will run for about 60 minutes or so, with enough time for 20 minutes of questions at the end. Throughout the presentation feel free to use the chat box with us and to chat with each other, but please remember to choose all panellists and attendees so we can read what you have to say, and Andrew is happy to answer questions at the end. If you have specific questions, put those into the Q&A box rather than the chat box so we can address those. Thank you again for joining us all and I'll pass over to you, Andrew.

ANDREW BALZER: Awesome. Thank you so much. Lovely to be here, everybody. Really appreciate you joining in for our Accessibility in Office 365 Language and Communication for today, taking the time out and joining us.

My name is Andrew Balzer. I'm a male in my mid‑30s with brown spikyish hedgehog‑like hair and a dark Microsoft uniform. I go by the pronouns of he or him. So I am an Education Success Manager here at Microsoft. My contact details are there on screen, andrew.balzer@microsoft.com. And my job is basically to upskill everyone that uses Office in a range of different needs and desires. So sometimes it's making Office more accessible for admin, staff and students, other times it's upskilling within the Office suite so you can do more with productivity and communication.

Today is all about language and communication as an assistive tool for not only those with learning needs but also to support those that have a disability as well. We do encourage this to be an assistive tool webinar, as I use these tools all the time. Even though I might not have a disability per se, I do have a learning need. I believe everyone has a learning need just to make things a bit more accessible from a day‑to‑day basis.

Firstly, I'd like to acknowledge the traditional custodians of the land on which I'm presenting to you from today. I'm here in Awabakal land in Newcastle, and I pay my respect to elders past and present and their future importance to Aboriginal Australia.

Now, we do have an agenda today, okay? So if I zoom in here ‑ as you can see, I use these accessible tools on a day‑to‑day basis, even when presenting. I'm going to start off talking about accessibility at Microsoft. We have a vast array of accessible options that cover neurodiversity, vision, hearing, built into Windows, into Office, built into the web, so we really do have a lot of groundbreaking, forward‑thinking, I guess, approaches to accessibility which I'm very excited to share with you. Then we will jump into, I guess, the main part of today where we look at language and communication with the Windows, ease of access and accessibility that you can see here.

Now, why Windows' ease of access and accessibility on our language and communication, well, that's generally the first port of call to make everything on your device, particularly a Windows device, accessible for language and communication. And as we look at languages they can come in many different mediums, and texts and formats, same thing with communication, whether it's reading, writing or speaking.

I'm going to go quickly through the accessibility checker. I'm sure you know about accessibility checker, but we do have it across many of our expanded apps, such as One Note and Sway ‑ I'm sure you know about it in Word and PowerPoint ‑ but I will just highlight where that is going and how we're using the power of AI to make things a bit more ‑ let's call it future proof, right, because generative AI that comes with our current form of accessibility checker can be a little hit and miss. So I'm going to talk about some improvements there. And then, of course, at our last half of the session I'm going to talk about language and speech tools that you can access across Office on top of the ease of access centre or the accessibility centre. That will help yourself, but also students, become more inclusive to their learning environment.

Now, I understand you are a tertiary environment, and all of these tools will translate to those students especially that don't speak English as a primary language, but may speak English as a primary language but needs clarity, conciseness, formality and support, like I do when consuming information. I have noticed as I start to get older, because I work in IT, I'm starting to get some ‑ I'm not going to call it RSI just yet but I am using my vocal languages a lot more to do typing and a lot of input mechanisms to communicate. I'm using a lot of our immersive reader tools to declutter my environment because I suffer personally from spatial crowding. Same with read aloud as well so I can process information in different mediums. We live in the era of podcasts. So you can see that even if you don't have a particular learning need in an area, a lot of these tools will become second nature just to process information there as well.

Okay. So let's ‑ of course, we will talk about the resources as we go through. Let's talk about this. Welcome to our introduction on Microsoft. I do want to say that this is being recorded, okay. So please do not stress if we go a little bit too fast or if you miss something, because the way I like to present is to ensure that you will get a copy of this power point presentation and I want you to sit back, relax and become aware of some of the tools that we have here at Microsoft around accessibility language and communication. Don't worry about trying to follow, because that's when the recording will come into play. I call it a play and pause. So I will highlight some of these key features that you have access to, and then when you'd like to dive a little bit deeper, check out some of the resources, watch some of the videos, and go and explore the features. That's when I advise the play and pause situation comes in, when you have access to that video. So it will feel like a lot of information and it will feel very fast paced, but I just really want to emphasise that this will be designed as a play and pause, so sit back, relax, be involved ask your questions, and I'll make sure that you do get a copy of this PowerPoint and, of course, the recording. So you can go through it at your own tailored pace and time.

Okay. So at Microsoft, our mission is to empower every person, every organisation on the planet to achieve more. Our CEO, that you can see right there, Satya Nadella, is a huge leader with accessibility here at Microsoft. And when we design our applications, whether it's Windows or Office, we focus on ensuring we can cover learning, visual, hearing, mobility, neurodiversity and mental health. And I actually have tabs, which I'll bring across, that cover nearly every one of these aspects. So if I bring, for example, my little browser on the screen here, you can actually see on a regular basis I have a number of different resources that covers all of our pillars. Now, it is a little bit out of the scope of today's session, obviously, to cover all of those aspects there, but it's also very good to know that using Microsoft technologies, we do cover a lot of these aspects here. And we even have an accessibility sway, and I'll make sure, again, you do get a copy of this PowerPoint so you can go through and explore a lot of these in your own time.

Now, I'm sure you've seen that in a previous session with one of our colleagues, Connor McCarl, but for teaching and learning, for students as well, and for teachers we have tools such as Immerse Reader, tools such as Word Prediction, Dictate, Editor and Ease of Access. All that play a really important role around language and communication. And you can actually see here a lot of our needs can be invisible, right, and these are some great stats from the World Health Organisation that we absolutely abide by on why accessibility is so important across. Microsoft Windows and Office ‑ and as an educator myself ‑ I was a high school teacher for ten years ‑ I had to use accessibility features in every school I went to. We have a statistic that says virtually 100 percent of schools, that's virtually, need some form of assistive technology.

We do have our Microsoft Learning Table availability or matrix. And this on screen is basically a matrix table. Imagine a periodic table of elements that highlights how different forms of language and communication can go through all of our Office 365. And our goal is to fill the table up with every app that we have at Microsoft. On the left‑hand side you can see where we support Read Aloud, word highlighting, spacing, font size, page colours for those that might need assistive overlays, syllables within words. And this does translate very much to higher ed, especially for those that are learning English, or maybe come from a background culture. Line focus ‑ I needed that one, take away the distractions and clutter. Parts of speech, picture dictionary to visualise the word ‑ so principal, for example, am I referring to the principal of the school, or principle of the story, right, so adding context and visual context and visual imagery really does help. Translation and then we have some numeracy aspects above dictation.

You can see everything from Word, One Note, PowerPoint, Flip Grid, Teams, Forms, Whiteboard, Edge. We are putting in absolutely everywhere. And we will talk about these because they all cover language and communication, everything from using our new translation feature. I'm not sure you've seen that. I'm going to show you that today, it's very exciting. I'm sure you've seen Office Lens before. And do let us know if you would like a dedicated session on anything you're seeing today. You can speak to the leadership team and we can definitely organise that there as well. So as we go through, you know, I'm going to highlight some of these key functions here. And we are going to start with Windows, because that is your core OS that generally use ‑ and I understand there are some Mac users out there and I understand there are some different devices. But Windows generally is the dominant operating system in the world. So I'm going to showcase how language and communication can be powered through our ease of access, if you are using Windows 10 ‑ that's what we call it, Ease of Access centre ‑ or if you're planning to, which you will be because most people will upgrade ‑ in organisations will upgrade as we move forward, use the Accessibility Centre in Windows 11. Now, don't stress because they are the same. It's just that Windows 11 adds more functionality as every Windows development goes through. Okay? Now, we are going to hear from John. A lot of the accessibility features built at Microsoft are designed and built and you really frameworked around those that have disabilities which I think is some of the most empowering aspects that we can do, is have them design the features needed for an accessible workplace, and obviously teaching and learning environment, of course. So this goes for about 2 minutes. I'm just going to hit play and watch this lovely video.

VIDEO: We certainly hear that there are things that we can do better and gaps that we need to close. We don't just want to start them; we want to really push beyond closing gaps to deliver that across the board.

>> No matter what your abilities are to be able to use Windows like everyone else, accessibility on Windows used to be called Ease of Access. We talked to people in our research studies and we were like, "Do you know what this means?" And people were like, "No, I don't know."

>> One of the things that we did was we changed the icon and the most important thing is that people could discover the things that would help them use Windows better. You can't just go into it assuming you know who you're designing for.

>> In the accessibility community there is a saying "nothing about us without us".

>> The only way to solve these problems is by integrating deeply with the community for people that we are trying to serve.

>> We heard that contrast themes were kind of like a hammer.

>> Aesthetics shouldn't have to be compromised just because you are someone that has light sensitivity.

>> We are introducing them with new beautiful colour ways, a range of different contrast intensities.

>> We thought about, hey, there's a student who might have sensitivity in a classroom and there's a cart of machines and when they boot up does their device look different than others?

>> We don't want accessibility to be another experience.

>> What's really unique about the start‑up sound for some people with no vision, that's what they rely on to know that their computer is awake.

>> The difference between the sounds is that they will follow the visual personality of Windows. So a person who is blind can actually enjoy the same difference of the light and dark themes audibly.

>> It's really humbling to be able to see the impact that we're going to have in people's lived experiences. When someone with a disability starts using this new version of Windows, I hope that they feel a sense of belonging.

ANDREW: Now, I think that's really powerful to know, right. We're not just obviously another company tacking accessibility on after the fact, but it has been designed with accessibility in practice. Now, don't be displaced if you are using Windows 10 because it has all of the same features in Windows 11, right? So I'm going to show you what that looks like as we go through. Now, this is what your Windows 10 settings tab looks like where you can have a look at your system and your devices in your phone. And as we mentioned in the video, it used to be called Ease of Access. A lot of research went around in changing that for those that had disabilities and what it should be called. Unfortunately, I have a Windows 11 machine for you, and unfortunate for you in this regard. So I will be showing you the Accessibility Centre which, again, is the same as the Ease of Access centre live during our demo. But I do have resources in this PowerPoint on how to use this Ease of Access centre if you are running a Windows 10 machine. All right? And you can see this slide here, Windows 11 builds on the strengths of Windows 10, right? So you can actually see here in Windows 11, these are all the features we have in Windows 10 for accessibility, touch gestures, on screen keyboards, speech recognition commands, voice recognition Windows, hello, colour filters. They are all there, right? And then in Windows 11 we improve upon them. We make them smarter; we make them more accurate. And you can see here how down the bottom we improve on them using a bit of AI in there. So everything that we show you, you should be able to do for vision, mobility, hearing and neurodiversity.

Now, I'm going to jump to a live demo. Let's have a look at some of these features. Again, this can be a dedicated session. I won't spend too much time on this because we do have a lot to get through today. But again, it's all about awareness for you. So I'm going to back out of my PowerPoint right there. And down the bottom here, if you're using Windows 10, you would type "ease of access". So just the word "ease of access". If you are using a Windows 11 machine, you will see the accessibility tab. Again, these features are a parity between the two. Ease of access, the Windows 10; accessibility for Windows 11. From here, you can do everything you need to make the device more capable, not only for your student, but also for yourself. You can actually see I use the accessibility features by default. My mouse pointer is nice and big and colourful so I know where it is because I lose it all the time. Have you seen people move their hand forward and back trying to find their mouse? But from here you can increase the text size, for example, of everything on your device if you have a visual impairment. I had laser eye surgery recently and I used these features like you would not believe, so increasing the text size, looking at the visual effects, transparency effects for those that have those visual needs. Maybe turning off the animations if they do affect you in a negative way, which I have seen happen for students. Changing the cursor size and cursor colour for those that need it. I do this when I'm teaching in the front of a room, for example. I'm just going to bring this down right there. So a lot of contrasting, a lot of inverted colours, a lot of customisation around these colours. We have our magnifier. You can see me use the magnifier when I'm presenting, or highlighting, or talking about different aspects, and the drawing tool that we have here as well. The zoom levels to make things a bit more accessible and the zoom increments.

Inverting the colours on a screen that you can turn on or off, okay. So, again, this can be a dedicated session. I won't go into these in detail. It's an awareness piece to show you this is all possible, right. I use the grey scale filter when I'm reading late at night. Gets rid of that blue light. We now have a night light or night mode built into Windows as well, so I actually use a lot of these features, such as inverted, grey scale, maybe red/green, or those that have colour blind ‑ that are, I should say, colour blind, or need some kind of assistance like when I had my laser eye surgery per se.

We also have different themes. So having a dark theme, for example, or having a certain colour theme for those that need that visualisation, and then it just keeps going on. You saw some of the sounds for understanding that the computer's booting up for those that need that audio cue, personalising the lock screen and how some of those work with our audio cues within accessibility.

We have our narrator for voice, braille aspects that we have here. We have a lot of natural voices now too, which is very, very interesting. So let's face it, the voices sounded a little robotic, not going to lie there. So if I bring this website across ‑ and I will send this to your leadership team, in case you would like to access this ‑ this is our guide for people who have language or communication disabilities. This is for Windows 10 and Windows and Office applications. So you can see here, we have a dedicated Microsoft disability answer desk, which is very useful to know. It is an answer desk solely dedicated to help those that need assistive features and they'll guide you with this process. And this guide here, it will basically teach you all the different aspects of using language and communication, through the Accessibility Centre. Say, for example, ready: Control, Windows, and then enter will turn on the narration. "On chat window, input chat text type message here. Edit, blank." I can restore new "Zoom in Zoom windowpane" ‑ new natural voices, so they don't sound too robotic. They sound a bit more natural. "Accent. Putting on chat window. Narrate settings window, add natural voices, add button, alert from captions Bradley Reporting to everyone, https://..."

Now, I call this the Sandra Sully. It Can be whatever you like. What you will notice is that when you go through Windows 11, there a lot of different Australian accents. We have New Zealand accents, we have English from Microsoft Catherine, aka Sandra Sully. It's not Sandra Sully. I call it Sandra Sully. Microsoft James. "Choose a voice, Microsoft James, select the natural voice to install Windows."

So there's a lot of accessibility ‑ I'm just going to turn off my narration as we go through here because I don't think we are going to have narration on the entire time, but that's a case in point, right, on using the accessibility feature. So there's a lot of Ease of Access options that you will find on this link after the fact, that you can go through and use a lot of these hot keys. You know, read aloud on your screen using the text‑to‑speech narrator, and then you can see all the different types of shortcuts that you can use.

We have used the magnifier, which I'm using, to highlight the content on the screen, control Windows M, things like that that will really help you not only do teaching and learning, but help you focus, improve visibility of eye contrast, text and other items. There are plenty of features there. We are unfortunately going to move on. That can be a dedicated session because we do a whole hour just on Windows, language and accessibility. There are a few things I did not touch on, but I'm sure if you ask questions after the fact, the answer will be yes. We have everything from eye tracking in Windows. Eye tracking, so you can use your eyes to follow through with the screen, but you can see there they're in topics, you have the narrator's voice. You can see there, mouse and keyboard. So changing the keyboard layout, bringing up a digital keyboard, changing the cursor. Braille, so use Braille display with narration.

And then you have, if you keep going down, some closed caption features, I should say, more or less built in here. Do not forget the search. We do have our search function, so if you do have audio on your device and you need those closed captions, again, built into Windows. It's your first landing port of call to assist those that might need some of these visual needs. You can see we even have live captions. That can be captioned live on your screen when videos are playing, right, so it says here "set up live captions to continue", I can set the caption options.

The style ‑ filter any profanity that comes through. So before they were standard captions. Now you can change the colour, size and everything you need for captions on Windows. White on black, small caps, large text, yellow on blue, there's a lot. So we can circle back on that for a dedicated session if you are interested.

Alright. Let's keep going because I get very excited about all the different aspects that you can do with the accessibility on Windows alone before you get to Office. So there's plenty of resources there. Again, don't worry about it. We have them for Windows 10. I've got a bunch of links. We have them for Windows 11. I have a bunch of links. You'll get a copy of all of these slides.

Let's talk about when you leave Windows and you start to go into other applications, especially for Office for teaching and learning. Create accessible content. I'm sure everyone has seen what we are looking on the screen, which is a gif showing how to check accessibility of your work or application in this regard. This is changing very, very fast. Soon we are adding some very powerful AI. You've probably heard of OpenAI to aid with accessibility. The accessibility checker is built across Office. So for example, if you're using Sway, you have the accessibility checker ‑ Sway is our website tool, by the way, which is a fantastic Office tool. Highly recommend you check that out. And our accessibility view that you can turn on for a Sway, if you want. Maybe you are using Sway. Prior to that you saw checking accessibility for Word. Maybe you're using One Note. Again, you can use it to check accessibility for your content to make sure before you distribute it to students it's in an accessible format. We are going to talk about the live captions very soon too.

PowerPoint, same thing. I actually went through last night and made our PowerPoint deck accessible using accessibility checker. So I pressed escape, bring my PowerPoint across ‑ for those that haven't seen it, and I'm sure you have seen it. Just search for accessibility checker. Sorry, my zoom function is in the way. Click that. You can see I only have a few missing audio and subtitles. Sorry, I did not get time to put the subtitles on that video. I was just going to stream it but then I heard about your cool captioning feature. And then I had to check the reading order for a screen reader, for example. So if I went to slide 1, verify, I made sure it would read this in an accessible way. So for example, it would start at the Microsoft logo, which is this one, and then it would read left to bottom, and then over to the right to the picture and explain the picture right at the end.

So yes, do be mindful that we do have our accessibility checker built in and we use this all the time. We can generate AI text images, for example, if you would like to write a description on an image. It's a bit hit and miss, I'm going to be very honest, but it is going to get very, very good. You can see at the top here, PowerPoint has a bunch of accessibility features built in, which we will get to. For example, my subtitle spoken language is in Australian, because I'm speaking Australian, but maybe I would like it in Arabic when I'm presenting. I'm just trying to move my screen because I have my zoom control. But you will notice just in PowerPoint alone, if I start my presentation again, give it within a few seconds, you'll see Arabic where I have set it, is starting to display on the screen. Now, the good part is that we support 136 different languages. So you can imagine if you're in a room or in a lecture, you can see how this would play a really, really prominent role. So I'm just teasing you a little bit about some of the features that we have there. That is accessibility checker. Again, can be a dedicated session if you are interested in that. I am just teasing you a little bit there.

Alright. So this brings us to our language and speech component within Office. And this is where it gets very interesting because ‑ sorry, my Arabic is going to continue on there. I will turn that off in a second. This is where I really focus on ‑ you've seen Microsoft's commitment to accessibility. We have websites and we have tonnes of information to show you about how we design and use Windows, how we built it into Office. Now I'm going to show you various examples across Office, again, just a taster on how we can make Office, the work that we have for your students much more accessible than any other product I've ever seen, ever, which is very exciting. I'm just going to turn them off because, sorry, I do not want them to distract you as I go through.

So we are using a lot of AI to improve people's lives with disabilities, everything from image recognition to speech recognition and natural language recognition. So you can actually see here PowerPoint alone has embedded clickable audio. Now, this is nothing new. So I can hit play here. "Yeah, sure. So I work as a data applied scientist with Microsoft Security Response Centre." Right. And we can embed audio and embed visual elements. It's not too new but you can do it in Office. I know a lot of staff that will have an audio file to support their visual language on screen, so do be mindful we do have these features. "Nice to use some of these tools." Especially for if you know what your audience needs. But this does expand out to some very, very interesting places, Forms, One Note, Teams, Word. Case in point, this is a story planning sheet for a year nine boy who is dyslexic. Hard to follow, really hard to see the flow of ideas and structure. Now, I've seen this with TAFE students. I have seen this with university students. There's no age limit to your mobility issues or your ability to process information. The same child wrote this story using their voice. It was a mobility issue that the student had. And using the dictation tools, the exact same passage.

Same thing with a seventh-grade student in this regard. Again, I've seen this with 19, 40-year-olds, 35-year-olds. I mean, I write terrible. Not to say doctors write terrible, I write absolutely terrible. Again, the same thing, using a different tool for an accessible need. So I'm going to show you some of these tools. Very exciting to see some of these tools. Let's jump out of here. I'm just going to shrink this, okay. And I'm sure you've seen Immersive Reader before. I've just opened a Word document, not so accessible. I do have dark mode on. I suffer from spatial crowding. There's a lot of words on the page there. I could be an international student, so you can see light, dark. We do have our Immersive Reader ‑ and I believe Connor did show Immersive Reader, which is built across Office ‑ and just a quick rehash, if you haven't seen Immersive Reader, Immersive Reader allows you to tailor the experience ‑ I'm just turning off all of my features here because it will remember your tailored settings ‑ turn everything off. So, you know, not very accessible right now. A lot of white negative space and spatial crowding. Immersive Reader will take something on a page and allow the user to increase the font, increase the spacing, change the text for those with autism because the research around students or users who have autism in changing how the text actually looks.

I process information easier with a white background on a dark plane. That's how I process it but in class, in university when we will be teaching, we have students that need an overlay. They say the headaches go away with a blue theme, for example. We can now digitally put them on. For those that may need the identification of nouns and verbs and adverbs, especially international students that are struggling to learn the language in your class, you can now highlight them. But what about those that are colour blind? Show the labels. Break them up into syllables, no N for noun, purple for the noun, or maybe I'd like to change that to blue for the nouns. Of course, our line focus, probably the tool I needed as a little crazy child that would get very distracted, you can have the line focus to really focus on your content.

Picture dictionary so you can understand pictures with associated words and, of course, our pronunciation of the word. "Rainforest". Our text to speech, "Rainforest. The Amazon rainforest is an expansive forest located in the Amazon Basin." And, of course, our translation features, 136 languages. So by the word, "forest", in Danish... or by the document... I'm not going to spend too much longer on Immersive Reader because I'm sure you have seen immersive Reader before. Really powerful to go from that to that. It is game changing. So yes, again, can be a dedicated session around Immersive Reader.

But a lot has changed in Office. So while we are speaking of assistive tools, yes, you have Immersive Reader to process information. What about contributing information? We have our new dictation function. Now, dictation has been around for a while. This has some AI magic on the back end here. So what I'm going to do is turn off dictation, set it to English Australia, enable auto‑punctuation, no. But if I had a mobility issue, you can see ‑ and I speak very fast in general ‑ I've slowed this down for you ‑ but you can see everything that you need to say or could say to edit your document here, oh no, I have it in Arabic. Let me change language. And this is great. You can select the language of choice there. I was like, "oh no, I'm going to have to use Immersive Reader. Let me show you the power of dictation. And I'll speed up ‑ sorry closed captions ‑ I'll speed up a little bit here for you. "Hello, ladies and gentlemen, my name is Andrew and I'm providing a demonstration using dictation." You will notice that as I chat and discuss, it takes a second to process the grammatical changes in the cloud. Full stop. Start list. What I'm doing right now is demonstrating how you can start a list in edit a document solely using your voice. Full stop. Next line. You can pretty much change an entire Word document using your voice. And I use this more than ever before. Full stop. End list. Delete the last two words. Pause dictation. Isn't that great? Solely using my voice. It is a very, very powerful tool. Someone said "I've recently discovered dyslexia font. Can that be imported into Immersive Reader? Yes, they are bringing dyslexia fonts into Windows and into all of Office, from my understanding, right. Is Comic Sans recommended for a font for disability ‑ yes, there's a lot of studies around autism and Comic Sans. I'll see if I can provide that research in post. That's an example of dictation combined with Immersive Reader, really, really powerful aspects.

We also have our transcribe features built across Office. And I'm not sure if you have seen transcription before and how transcription work. It is incredible. Again, so many languages supported here, right, and sometimes students ‑ or you have an audio file or a video file that needs a script to be autogenerated with it. So you can upload an audio feel or start recording. And maybe I'm in a lecture or maybe I'm having an interview with a student. It will use AI to automatically separate the speakers and then create a transcript of everything you are discussing. So I can click save and then do the transcription. So someone just asked is there a time cap? There is. 300 minutes per month. However, we have some other tools that don't have time caps that I'm going to show you today. So what that will do is upload that to One Drive, transcribe that to my part of speech, put it in your document. So you can actually see there here is my recording, hit play. And maybe I'm in a lecture or maybe I'm having an interview with a student. Add to document with text, with speakers, with timestamps, with speakers and timestamps. So then that will process that transcript in the cloud and put everything down there. It will take a moment because it's AI infused, so it's very, very powerful and how you can use some of the tools.

Jumping over to something like One Note ‑ and this is where it gets very interesting ‑ here's a One Note page. I'm sure you've seen One Note before. We are learning about international studies. One of the biggest issues that we generally have, especially for students, if I reload this page, is that you could be at the front of the class teaching, they could speak Italian, or Arabic, or whatever it may be, and let's jump into international studies, in this regard. We have these live captions that can be beamed to every student's computer for accessibility. So I could have a student that speaks Spanish and Chinese and Danish, whatever it may be. But what this allows us to do is provide a live feed to everyone's computer that needs it in a click of a beat. It is powered by our Microsoft translation tool, which I will show you. And I don't know if you've heard of Microsoft Translator for accessibility or creating scripts, or basically communicating with many cultures in the same space. I'll show you how this works. I will send this website to our lovely leadership team, translator.microsoft.com. How I teach especially students from different cultures, those that come to tertiary or higher education, dangle this on a lanyard, just your phone around your neck and you have an instant translation device to every workbook within your classroom. I'm going to show you how this works. "I think for 300 caps has been removed." I'll check that. Interesting.

Now, this is app powered, so I'd love to show you this right now. I'm going to beam my mobile phone on screen. I know that sounds a bit weird, but that's what's going to happen right now. So I'm going to bring this across. Welcome to Mr Balzer's mobile. There is a translation app in here. So a lot of Office have apps, Lens, List, Microsoft 365. That's a great thing about Microsoft. But if I type in translator, you will see we have an app here, okay, which talks to the website. So right here in my translation app, you can see I can do English, Spanish, Spain ‑ there are hundreds of languages. I mean hundreds of languages. This is going to talk to Office, right, which is a really, really powerful tool. So I can start a translation right here, and as you can see as I go through, I'm speaking in English, and it's having it in Spanish. This can translate five languages at a single time, but also keep a transcript of everything that's happening on that device.

So I'd like to start a new conversation, as you can see here. Here is my join code, KJQXG. Don't worry about doing this, just know that it's possible for now. Guess where that code goes in? I can put in here and join the conversation if I'm on the web. I could be, for example, someone that speaks German. So I would like to join this conversation and I want everything to come through in German. So I'm going to put that code in, which is KJQXG. I'm just going to bring my window back across so you can see. I'm going to click "join conversation", and as I will speak everything will come up in German just on the website. But this is where it gets incredible for accessibility. Going back to my class notebook, my One Note class notebook that we were demonstrating ‑ you probably get the idea where we are going with this ‑ you also put the code in there. KJQXG. Then the students can have that language of choice being beamed to their digital notebooks or beamed across the classroom.

So I'm going to enable my microphone on my lovely app. We are going to join this conversation. And as you can see, as I talk it's going to bring live captions to their digital notebooks, where they can translate this, transcribe this, because that's what it's doing live, they can even use highlighters to highlight certain parts of speech and will add it to your Word document. So this student here is looking at what I'm talking about or what I'm saying in English, okay. This student who is joined via the website, could have this in German. I'm logged in with Balzer, so I'm having this in English in this regard. Then even if they're using a mobile phone, as you can see here, my translation feature is running but beaming it to so many different places. That is the power of Microsoft Translator.

If you are watching this live, you can join if you like. I will hold that there for a second, translator. Microsoft.com. We will see if anyone joins the conversation. The code is KJQXG. Pick a language of your choice, and watch the language come through live to your device no matter where you are in the world. I'm the one speaking so therefore you will see this live. So I can see Phil. Congratulations, Phil, has joined. Justin. Hello, Justin has joined our conversation. Try not to pick English just because obviously it defeats the purpose. I mean, you can have it for accessibility. Sarah. Hello, Sarah, lovely to meet you and have your acquaintance. There you go. So, yes, you can definitely change this. Translator, really powerful, very, very powerful tool, especially for language and communication. A lot of users don't know it exists. They don't know we have such fantastic tools. They don't know that you can beam this to digital notebooks in One Note, as you can see here on the right‑hand side.

Now, the magic about this is that sometimes your lecturers or teachers are going too fast. So the student can pause, or the user can pause the translation so they can go back and read, but it will auto fill everything they've missed when they resume. It's constantly capturing. As you can see here, I've ended on teachers are going too fast. If they hit resume, it will capture everything I've said in between, okay. As you can see here, we have many people joining our translation features right here. We've got Mr Balzer, who is the host, then we have Phil who has Chinese on, we have Justin who has English, we have Sarah who has Polish translation. We have Aki who has Filipino translation coming to their device. We have Katherine who has traditional Chinese. Sorry, this is in German so I'm doing my best. Tracey has ‑ not sure that one is in German, but I can translate that one there. Could you please add the code into the chat. Sure, not a problem, I can do that. And I'm just hanging on this one just for a little bit because I think this one is really important, it's a great tool, especially with language and communication. I don't see anything that does anything near this as well. So we have Indonesian, English, Danish that I can see. Thai, we have Filipino, Polish. Now, it's not perfect, let's be honest, but it is a very versatile tool that you can send to One Note. This is all in German, so ‑ I'm sorry, I set it to German, but you'll see here you can have it read aloud. You can actually set it so it will read aloud in your language of choice even if someone is speaking Chinese, or Japanese, or Danish or Arabic. It can read it aloud for headphones, right?

You can also translate this into multiple languages. So you can have five translations happening at the same time. Five languages all at once. So it will do Danish and Polish and German. I don't know how bilingual your guests are, but it can happen. So unfortunately, I believe ‑ oh, I have it in Dutch. Sorry, I have it in Dutch. Let's update that. There we go. Right. So you can actually see here there's English, there's Dutch that you can see there, the multiple translations. You can leave your mic on, you can play speech output, show the original message from what it's translated, show partial messages. Say if I was interrupted in speaking and it didn't finish, so you can fill in the blanks. And then additional translation languages. I have German selected, so I can add, let's say, Chinese simplified as well. So now I have it in English, I have it in German, and I have it Chinese simplified. And it's all coming from my mobile phone right now. Isn't that incredible? Really, really incredible. Sorry, Roxanne, you enter the code. I'll give you some follow‑up resources, I think is going to be the best way, so we can keep moving along because I want to stick around for some questions. So it's a very powerful tool, especially how it comes through on digital notebooks. If you have a class of 50 or 80 in the room, they can all have a tailored experience. Isn't that great? Absolutely fantastic. And then I can save the transcript to my notebook. Right.

Now I'm going to end translation. That is translator.Microsoft.com. Please keep your devices ready, okay, because our conversation was ended by the host, download the transcript. Very powerful. Yes, I promise resources. I wouldn't tease you, showing you the art of possible and not making sure you have the time of day to play and explore. So I will provide some resources around translation. That's great for language barriers, great for ELAD students, great for those that speak English but need to read it. I need to read it. I use translations all the time, all the time. In English. I set it to English, because that's how I process information, but also having the ability to do live translation via audio to headphones or whatever it may be. So I normally walk up to the front of a class, I have 30 different cultures, we are all on the same page, we are all unified, we are all connecting, we are all communicating. That's translator at microsoft.com.

Let's head over to a very popular product that I'm sure you have heard of before. It's called PowerPoint. We can do some very similar things in PowerPoint, which you probably don't know. So I have PowerPoint open. This is our PowerPoint, by the way. This is our PowerPoint that I was presenting to you today. The only difference that you can see here is that it's in the web. I'm not presenting from my PowerPoint down here ‑ as you can see, this is the desktop ‑ I'm in the web. All of Office supports web applications, which is fantastic, and if you are in the web, some very interesting things pop up, such as present live.

Grab a mobile phone if you have one ready. This is a hands‑on experience, this one here. Okay. I am going to set it so everyone can join this presentation. So I'm going to click everyone. I want to hit this present live button. This is available to you, FYI, okay. What's going to happen? It's going to put a QR code up on the screen. Mmm, what's happening here, Mr Balzer? How is this in relation to accessibility language and communication? Well, it's going to provide a number of needs. It's going to provide some visual needs but it's also going to provide some closed caption needs, some audio needs and some translation needs. So as you can see, I can see the number of people that are joining. I will put this into the chat so you can ‑ I recommend you try the mobile phone experience because realistically that's what users have with them all the time. They don't carry a laptop around in the middle of a park or some batteries run out, whatever it may be. I'll put this into the chat, and you can click on this, and it will pop it up in a browser.

The first thing you'll notice is that it has closed captions down the bottom. I haven't started the presentation, just FYI, so you are probably seeing the welcome screen. I can see people are finding the reactions. That's good. But I'll give you a true story. I was a high school teacher, a HSIE teacher. I had a student come in who had Italian grandparents. They spoke Italian, very little English ‑ thank you for the reactions; I appreciate that. Very little ‑ you can see the visual feedback I'm getting already ‑ very little English. They were sitting at the back of the hall, just like you would in a lecture theatre. Couldn't see. They could not see my slides. They could not hear me. I had one of those old projectors, the contrast was horrible. So we turned on PowerPoint live. I'm going to take the QR code away, the link is into the chat.

What this enabled was my presentation to beam to their device so they could zoom in by pinching in zoom ‑ and this is what I recommend you do on your phone ‑ zoom in. Have closed captions to their language of choice. If I paste that code in a browser, just so you can see what they see ‑ this is what they see. As I'm speaking, I'm presenting at the front of the room, it beams to their device. As you can see it's loading in. It has a transcript on the right. They can change this. Now, this does not support as many languages but they are getting there. They've promised me that they're getting there. A fair few but not 136. So I can change this to German. They're sitting there, they're looking at the presentation at the back of the room or halfway through the room. It's translating to German for them. They can go at their own pace tailored for them.

You will notice on the bottom of your phone or browser you can't move past where the presenter has presented. So if I go, "Alright, welcome to accessibility. My name is Andrew. Acknowledgement of country. Let's jump into it." I'm going too fast. You can now have a tailored experience and go back in your personalised copy of the PowerPoint ‑ but not forward. So you can't be like boring, boring, boring, let's get to the answers. Can't do that. So now you have a tailored visual, accessible form of accessing the presentation. You can visually see it, you can tailor it for their pace ‑ or they can, I should say ‑ and you can translate it to their language while you're speaking English. It's an individualised tailored experience. Doesn't cost anything. It's 100 percent free. It's in Office right now. People just don't know about it. I can turn off the closed captions. Gone from all of your devices. Sorry, sometimes it's a visual need for accessibility using Office.

I'm hoping you are sitting there going, "Mmm, I could use this. I teach a class where we have 30 students, and even though we may be in a very small room, they might need this." You know what students are like and their mobile devices, their digital devices. They may need this to process information. I can re‑enable the closed captions, so now the captions are continuing. And I'm not sure if I can jump to my slide without exiting ‑ yes, I can. So you can see their… the transcript. You can't download, unfortunately, the transcript from this locked down experience, but that function is coming. It's not quite on par with translator in terms of the speech to text, down loadable transcript, but it is a very powerful tool where someone can go back and look at your presentation after the fact.

No worries, guys, I understand some people may need to go before 1.30 so not a problem. That is, again, a very, very powerful tool for accessibility. If I end this presentation here, I love this part, it will provide you with a survey. Now, this is not more or less around the accessible language and communication front, but it allows you to tailor your experience for next time. How was the presentation? How was the slide design? Maybe I've got too much on a page, maybe it's not visually stimulating, let's go 3. How was the speaker skill? Too fast, Mr Balzer. Too fast, 1. How was the content? He had a lot in there. It was interesting. Love to go through it after the fact, 5. Interaction with audience, look, we're in separate places, so let's go with a solid 4. And then say "wow". What that does is that sends you a copy of the feedback so you can improve your design. Really, really cool. Yeah, really, really cool.

So, yeah, I could be here all day showing all of these little tips and tricks around language and communication. I'm very conscious of time and I do want to ensure that we leave enough time for questions, but also cognitive overload is a thing. I completely understand it's a thing, so I have paced this out to make sure that I'm only going to show you so much before we'll draw the line and we will have more sessions. Probably the last one around language and communication before we jump into some resources and where you can go and read up and do courses and understand Microsoft's approach to accessibility.

We are here in Zoom, I get that. We are here in Zoom. If you eventually move over to Teams, we have CART captioning support in Teams where you can have a dedicated CART captioner but we also have for our video conferencing, language interpretation, and sign language modes. They are so important for those that have disabilities. So how do these work? I have a lovely little article here that I can show you. So, for example, sign language mode that you can see here. If you assign someone to be a sign language personnel ‑ I don't know what the official ‑ assigner ‑ official name is ‑ I'm sure there's a better official name than assigner, but it will prioritise the signers front and centre of your session and also provide a transcript. This is great for hybrid learning; this is great when you're using accessibility out to a wider domain that's beyond your classroom or teaching and learning environment.

You can see we have tailored captions. You can assign a CART captioner. You can assign a language interpreter and you can also assign a sign language signer, which is really powerful. But also the slides that you beam to the individuals via Teams have accessibility built in. So we have magnifier, for example, which basically means that if we were doing this in Teams you could zoom into the slides but not affect everyone else.

We have translation on those slides, so you can click a button and it will translate all of the content on that PowerPoint that you are seeing but not for everyone else. As you can see here, we even have these slides in high contrast for those that need the visual accessibility and it will only affect your viewing experience when someone else is presenting their content.

So there's a lot of takeaways there. In Auslan, yes, so you assign someone to be the individual, like what we have today for our captioner, but it's built into one ecosystem, so to speak, with a transcript, closed captions and then you can have a CART captioner who can go and rectify everything on the fly. So the AI works hand in hand with the CART captioner to make sure they don't have to keep up like crazy because I speak very fast. So they'll go through and mainly make the corrections, but it is powered very soon by GPT and OpenAI, and maybe a conversation for another day is the Be My Eyes app. I'm not sure if you've heard of Be My Eyes. I really hope you have. I really hope you have. It is an amazing app that allows a community to be your eyes for someone that needs vision accessibility. You are probably thinking what do you mean? What do you mean? So Microsoft partnered with an organisation that developed an app to help those that need visual needs. I'm saying this in the context of communication. What Be My Eyes allows you to do is ask someone to help you remotely to be my eyes. We can look at this again, at another date, another time, but I'll provide the resources for Be My Eyes but it's such a powerful tool.

It's this app here, again partnership with Microsoft to improve accessibility. You can see the number of blind individuals that need someone to be their eyes and the number of volunteers that have signed up to be their eyes for any situation. So it will teach you how to answer a call, maybe you need some help. This is the app that will come and help you if you need someone to be your eyes. It is fantastic. We have a blind and low vision community here that will aid them for accessible needs. I highly recommend you show students that do have accessible needs or even educators, Be My Eyes, but we will get to that in another session, I'm sure. It's very, very exciting.

Okay. I have five minutes before I'm going to wrap my part of the presentation up. I'm very conscious of cognitive overload. But again, more sessions can be available if needed, not a problem. Let's talk about some of the resources that we have here because as you see, there are ‑ this is why I love Microsoft. They have much more under the sun than any other company here. So the first one I would love to share with you is the Microsoft accessibility home page, of course, which has lots of great information about promoting disability inclusion and how you can explore accessibility in Microsoft products in apps. So if you were inspired by some of the innovations I've demonstrated today for accessibility, you can explore that on Windows or Office or Teams, if you liked some of that video conferencing, or even gaming. We have a huge push for accessibility in gaming, so vision, hearing, neurodiversity, learning, mobility and mental health. Lots of websites here that will take you to information around accessibility.

The second one I want to share with you ‑ and this is a very important one ‑ this is our accessibility help and learning home page. So how can we help you today? Maybe I'm interested in screen readers. Maybe I would like to have a look at what products support screen readers. I would type in here "screen reader", it's identified that to be an accessibility aspect, and you can see here use a screen reader with the accessibility checker. This applies to Excel, Outlook, PowerPoint, et cetera, et cetera. How to use the accessibility of Microsoft Edge. Yes, we have accessibility built into our browser, which is fantastic. Out of the scope of today's conversation ‑ I mean, I can show you it in terms of language and how we can translate everything in real‑time on a page which is fantastic, but yes, like read aloud is here in the browser. Immersive Reader is here. There's a lot of great functions.

But, yes, the accessibility help and learning. Maybe I'd like to know about making my PowerPoint a bit more accessible. That's a very powerful one. We also have our guide for people who have language and communication disabilities. We can share that one there because this is more focussed on Windows 10. And then, obviously, a lot of updates. I mean, you can see here I've got accessibility for mental health, I've got accessibility for mobility, accessibility for learning. It's a deep rabbit hole, just know that we have tools and we have features built across Office to support accessibility.

Okay. So that's the end of my live demo 3. Hopefully there's a lot of very invigorating aspects to consider around language and communication. If you would like to take this journey further, we have a bunch of great videos. And again, I will share this PowerPoint deck to your leadership team so you can access it on the website, and you can watch these. You know, learn about Andrew who is using learning tools for the first time. Learn about Justin who is using Office to communicate with the world. Learn about Veronica who is a student with low vision who created a perfect website in Sway, our Microsoft Sway. A lot of great videos there.

There's a webinar series around accessibility learning that you can watch that have been ‑ they're on demand, but it's a great playlist. It's a fantastic playlist on all of these great accessibility features that we have. Look at this, accessibility learning webinar, 21 videos about how to use Teams or how to use Narrator or how to use live captions, all in a video format. It's an absolute gold mine of resources. Do it yourself accessibility. So we have a lot of do it yourself around eye control, text size, screen readers, if you want to do that play and pause. We have our accessibility at a glance videos, PDF, accessibility training. I'm sure everyone uses PDFs. How do you make them more accessible or how do you consume them in accessible?

Office accessibility and, of course, Windows 10 accessibility. So I'll share this so you can go through and have a look colour filters, narration, low vision, closed caption settings. Make sure you are up to speed with a lot of these functions. But that's pretty much everything I'm going to show you today in the interests of time. Thank you, again, for having me. I'm going to stick around and answer any questions that anyone has. I'm sure there are some questions there, so I will pause and throw to our leadership.

DARREN: Thank you very much, Andrew, for that. And I feel like, yes, we have been on a cognitive ‑ I think you mentioned earlier before people got in the Bowser from Mario Cart, been on a bit of a hectic ride with lots of information, so much information there. So thank you very much for that and I do appreciate the information that you've put into the slides and the links and resources which we will be making available on the ADCET website, along with this recording and correct captions, et cetera. But there's so much information there. I know Microsoft has done a lot of work particularly in the last few years, with COVID I don't know how many of us would have managed some of the transitions during COVID without some of the tools that Microsoft has got there. And it's good to see that this is just the beginning as well for where some of the tools are going, some of that AI interaction is more than impressive. We have got a few questions and I know you answered a couple along the way. There was one there around Comic Sans being added in, and some of those into the Reader functions, into Immersive Reader and some of the tools. Is there an option to input your own font and not just have a set number?

ANDREW: Yeah. So what the Microsoft team have to do on the back end is make sure that there is a lot of research around the fonts that are available. They're adding more fonts. At this point for Immersive Reader, there isn't the ability to add custom fonts. It's a less is more approach where you know how many fonts there are. There's like 300 fonts and people get very overwhelmed, so they go through a process of aligning their search with the fonts. There's a lot of research around Comic Sans and dyslexia and autism, which is very interesting. I'll see if I can find that research article, and that's why they've added that. But there are ways around that for using learning tools in Word where you can set a number of different fonts in the background. You can pretty much make an immersive learner experience by turning on or off features without being in Immersive Reader, tailoring your Word document, changing the colour background, changing the font size. So yeah, not at this point. They're not adding custom fonts for Immersive Reader but you can make it ‑‑‑

DARREN: Watch this space.

ANDREW: Yeah, you can make it happen outside of Immersive Reader.

DARREN: Another question around the Microsoft dictation tool. Can you record two different languages interchangeably in the one session?

ANDREW: With dictation? Yes, that's an interesting question. We support dictation in a number of what we call preview languages, which means that you could speak the native language and have it ‑ say I'm speaking Italian...and then that will translate that into another language of your choice that used to just be English to another language. Now there's a number of preview languages ‑ they put "preview" in brackets. When you go to the dictation settings, you will see the preview language. Preview is data, just so you know, it won't be perfect but when it comes out of preview, it moves to a new list called "supported languages". Can you do multiple at once? No, you do one language in dictation, change the language that you're speaking and then do another language. Group transcribe, the one I was showing you, transcription, will do multiple, up to five at once. So there you go.

DARREN: Each voice can have its own input, per se.

ANDREW: Correct.

DARREN: What else have we got here? We've got one regarding Immersive Reader and dictate. I tried using the editing prompt ‑ and this might be one for another session as well ‑ and had problems. I have as well where it doesn't necessarily recognise if you're saying new paragraph, new line all the time. Is there any tips or tricks there in terms of the speed that you say those or ‑‑‑

ANDREW: Yeah, so very interesting. I use Word for the web. I find that the web versions of dictation talk to the servers quite clearly. We've invested a lot with how that neurolinguistic processing works on the back end. It's getting so much better. It's not going to be perfect. My advice would be, have a very clear microphone, more or less. You saw me do a live demo and it made pretty much zero mistakes, and I speak very fast. I would use the web version, have a dedicated microphone, don't try to talk five metres away from the computer, and maybe slow down a little bit on your speech. I find it to be very accurate this day and age. Changing a few of those conditions, like the environment, I think you will be quite impressed. It's probably one of the better I've ever seen out of the different tools out there. You remember Dragon Speak and some of those going back a few years. But, yeah, I'd change those conditions, but there's some learning modules too on the Microsoft Accessibility Centre that you can go through and it will tell you how to optimise that experience, but it's getting very good. I must admit, very good. It's not perfect, I will admit, but it's getting very good. Good question.

DARREN: There was a couple of questions at the time with the PowerPoint live, when you're presenting live, and that was where to find the QR generation. That was at the start of that process.

ANDREW: Great question. Great question. So it's for PowerPoint for the web. That's the first thing you need to know. Then when you use PowerPoint for the web, you'll see a slide show section, just like you normally do in a PowerPoint. And then under that, you see the present live, and that's where you will find your ability to turn that QR code on. You can lock it so ‑‑‑

DARREN: As soon as you hit that present live, it gives you the QR code that you can share.

ANDREW: Correct. Correct. This is where you ‑ again, a lot of the errors will come up, when someone has external microphone but it's thinking the web cam microphone is the main one. What is your spoken language? I should have changed that myself, Mr Balzer. So I'm English Australian, aluminium/aluminium, tomato/tomato. It does make a big difference. And to add to that, we localise our languages now in Australia. We really push Microsoft to say English US is not what we speak here. English UK is not what we speak here. So you will find that localisation across all of Office now where you can pick Australian as a localisation for language.

DARREN: So just quickly on that, for each presentation you will get a unique code for that session at that time.

ANDREW: Correct. Correct.

DARREN: So you can't reuse that code, it's locked to that presentation.

ANDREW: Correct.

DARREN: As you are presenting live you get the unique code.

ANDREW: Correct. 100%.

DARREN: Excellent. Thank you for that. Just quickly looking through, the last few. We may not be able to get through all of these. I know probably in your resources ‑ you might have already added some into the resources as well. There's loads of videos to watch but can you point to particularly some video resources for ESL students on how to use translator.

ANDREW: Mmm. Yeah, we have a learning module on how to use translator. It's designed for students, goes for about 50 minutes, just a small free course and they get a little certificate to say they've completed the course. I can share that. The best place to go to find self‑paced courses, I'll put it in the chat, our new learning site, learn.Microsoft.com. And we have an inclusive classroom even course there which I highly recommend where you can learn about all of our products. It's in the name and you get certificates and badges to complement your learning, how to do a CV and show evidence of practice, really, in those spaces. Learn.Microsoft.com you will find a translation course ‑ Microsoft translator course.

DARREN: Excellent. Jeremy has a question here about translator. I think everyone was a bit blown away with translator, showing that happening in all the languages, so lots of questions around that. And the question is: For student could ask a question back to the lecturer in their language of choice, involving both people setting up the input.

ANDREW: Yeah, so it's really interesting. When you set it up, you can choose to have the microphone on because I dangle it around a lanyard, so I just walk around the room, and it's just constantly translating. Or you can choose it to have to push to talk. So it's off, you hold the microphone, you say what you need to say, you let it go. That just stops a lot of the background noise and stuff coming in. So all a student has to do, if you enable it, is they hold the microphone while they talk into their device, and it will beam straight back to the lecturer's device. It's fantastic. So what they'll do is put the website up on a big projector so everyone can see a running transcript, but then encourage each student to log in via their device, or phone, or browser, and just have it running in the background so they can use it when they need it but also access a transcript of the class or of the lecture, of the session after the fact. It just goes off in the background. It's like a one‑click set up and away it goes. It's a fantastic tool.

DARREN: I've seen it in action with multiple people and it's a sight to behold, people interacting that may have just sat there static in the past, just listening and trying to take it all in, and "I'll review it later", trying to absorb it all now but being able to ‑ having it in my preferred language at that time can be a game‑changer to that immediate conversation.

ANDREW: And I use it for meetings, honestly, so I have a transcript of what's happening ‑ like, physical meetings not that I'm digitally in, just so I have something to go back and review. You know, I'll just have my phone sitting on the table and it will make a transcript for me.

DARREN: I'll wrap it up there. Thank you so much, Andrew. That was fantastic. As you did bring up during the presentation, and I'll let everybody know that the ADCET webinars that we deliver often come from suggestions and feedback from people who take part in these and from practitioners, from people across the sector, and absolutely fabulous when we get feedback from people around that, so we could love if people could complete a quick survey that Kylie will put into chat there. And if any of the stuff that you have mentioned today, maybe doing a session around colour blindness and the narration tool, just around translator, an individual session that might be worth diving a bit more in depth, please do suggest that in the survey and that will help us build future webinars and sessions that are relevant specifically to what people are after.

Another thing, please remember to register. We've got an upcoming webinar on inclusive assessment for students with disability next Tuesday. Once again, thank you very much, Andrew, for the presentation today. We generally don't do 90-minute ones but I think it was definitely worth it in this case, and we probably packed two hours of stuff and there's so much to explore and go and use so we will make sure those resources are up there.

So thank you for that. Thank you to Michelle from Bradley Reporting for the captions today, and apologies for some of the issues that were happening with that, and Kylie for organising and wrangling the information and things in the background.

Most importantly, thank you everybody for coming along and participating in this webinar. Please enjoy the rest of your afternoon. Thank you.