**AT Video: VoiceOver**

**Chris:** [00:00:00] Hello, I'm going to show you how a blind person or someone with very low vision can use an iPad. The feature is called voiceover and it describes what's happening on screen. And I'm going to demonstrate. I'm going to place a finger on the screen and it will tell me what's under my finger and it will put a box around

**iPad:** [00:00:28] "16:19"

**Chris:** [00:00:29] So it's told me the time already, that's where the focus is.

**iPad:** [00:00:34] Chat.

**Chris:** [00:00:35] So it's told me chat and the boxes around it. I'm going to drag my finger around the screen to find out what other things it will say.

**iPad:** [00:00:44] BBC sport, camera, app store, BBC sounds

**Chris:** [00:00:50] So it will tell me what is listed there without me needing to look at the screen.

If I want to make a selection. There is a gesture for that, which is find the item

**iPad:** [00:01:06] one, drop, suggestions, BBC weather

**Chris:** [00:01:09] We're going to open the weather. So there are two ways of doing it. You can double tap the screen with one finger very quickly as that was the last item spoken, or you can

**iPad:** [00:01:21] BBC weather

**Chris:** [00:01:22] ensure that your finger is staying on.

BBC weather.

And you tap the screen anywhere else with one finger. So the gesture for selection needs to add up to two in some way.

**iPad:** [00:01:38] BTQGHA9N three of three wifi bars status bar item.

**Chris:** [00:01:43] So it's announced the wifi is working, which is quite useful for getting the weather. I'm going to find out what city it's opened on

**iPad:** [00:01:52] Brighton next hour.

Next hour drizzle and a gentle breeze, temperature, 16 degrees, 39% chance of precipitation, wind speed, nine miles per hour. North northwesterly button.

**Chris:** [00:02:07] If I flick from left to right, it should tell me what the weather will be in the next few hours. It's telling me UV.

**iPad:** [00:02:16] Pollen, moderate pollution, low 17 drizzle, 16 degrees.

39% chance of precipitation, wind speed, nine miles per hour. North northwesterly button 18 light cloud 16 degrees, 27% chance of precipitation.

**Chris:** [00:02:37] If I want to stop it from talking, I press my fingers on the screen. Two of them and give it a quick tap. Like a shushing gesture. Let's try another destination. So to move the destinations and to move the screen, I need to use a three finger gesture.

There are many gestures to learn for voiceover because it needs to describe different layers of information for blind and low vision users. So it is a three finger gesture.

**iPad:** [00:03:07] Page five of five. Nuku'alofa next hour.

**Chris:** [00:03:13] I hope it's pronounced the capital of Tonga correctly. So let's look at the nighttime temperature

**iPad:** [00:03:21] Next hour, clear sky and light winds. Temperature 22 degrees, 12% chance of precipitation, wind speed, five miles per hour, five clear sky 22 degrees, 12% chance of precipitation, wind speed, five miles per hour. Southeasterly (button).

**Chris:** [00:03:42] I think because this is a UK weather app, it doesn't have the details for UV and those extra details. So that's perhaps why that is missing.

So how do we make voiceover work now that we know it exists? Well, there are several ways of doing that. You can ask Siri to turn voiceover on or turn voiceover off. I'm not going to demonstrate that on this particular video, because it interferes with screen recording, but give it a try. Instead, I will show you the way of using it (Nuku'alofa) and it's just refreshed the weather there itself.

So I've made it be quiet with the two finger gesture. So to get to my settings, I'm going to use one finger. I'm going to go up from the bottom of the screen and you're going to hear three. Pips, and it will give me some instructions about what to do then.

**iPad:** [00:04:45] Lift for app

switcher, app switcher suggestions, BBC weather chats, settings, active settings, general heading.

**Chris:** [00:04:58] So I kept my finger on settings and tap the screen. Now I need to find in the settings. I need to go to accessibility.

**iPad:** [00:05:06] Accessibility button

**Chris:** [00:05:07] Found it first time I'm going to double tap the screen cause I've taken my finger off

**iPad:** [00:05:13] Accessibility, heading voiceover on button,

**Chris:** [00:05:17] Going to double-tap for voiceover

**iPad:** [00:05:20] Voice accessibility back button voiceover on.

**Chris:** [00:05:24] So most people would turn it on if they're not using it, it's already on here. There are some basic instructions here about what to do with voiceover. It's also useful to look on the internet or have some resources printed off if your online connection is not so reliable and then you've got them to hand to refer to rather than getting tangled up with a system and a way of working that you're not familiar with

**iPad:** [00:05:53] Voice-over practice button.

**Chris:** [00:05:56] Voiceover practice is a mode that lets you practice and experiment with gestures without making selections.

**iPad:** [00:06:05] Voiceover practice, heading practice, voiceover gestures, commands, and typing in this area. Select the done button in the top right corner and double tap to exit.

**Chris:** [00:06:16] I'm going to double tap with two fingers.

**iPad:** [00:06:18] Two finger double tap magic.

Tap.

**Chris:** [00:06:21] A magic tap uses a variety of functions depending on what app you're in. So you could start and stop your dictation. You could play and pause and you can do a variety of other contextual information. You can answer and declined phone calls with that gesture, rather than finding the answer button.

I'm going to swipe up with two fingers anywhere.

**iPad:** [00:06:52] Two finger swipe up, read from top.

**Chris:** [00:06:55] So that will read the entire contents of a page from the top and going to swipe down with two fingers.

**iPad:** [00:07:00] Two fingers,

**Chris:** [00:07:01] swipe down, read all.

So that reads from cursor. That's quite important to read from where you want to read from I'm going to

**iPad:** [00:07:12] three finger swipe, right? Scroll left. Three finger swipe left. Scroll right, three finger swipe up, scroll down. Three finger swipe down, scroll up three finger double tap, toggle mute.

**Chris:** [00:07:29] So that turns off the announcements. If you're watching a movie for instance, and you don't want voiceover talking to you while the movie's on, you can use that gesture to stop it.

And then you can ...

**iPad:** [00:07:44] three finger, double tap, toggle mute.

**Chris:** [00:07:47] You can switch it back on when you actually want it to tell you what's happening. I am going to come out and press the done button.

**iPad:** [00:07:54] Voiceover practice settings heading.

**Chris:** [00:07:58] Voiceover has lots of advanced features to enable blind people and people with low vision to use a wide variety of apps and the internet.

There's probably a lot more to explain about how it works and that would take a very long time. So this is just an introduction of the basics and enough information is covered here to have a bit of a play and an experiment. So I hope you found this little introduction about voiceover useful.