

Windows Speech Recognition

Introduction

Windows Speech Recognition is a speech to text option that has the ability to ‘learn’ a user’s voice over time and with use. In its initial use, a user will read a series of passages which allows the speech engine to learn the user’s unique speech. Additionally, when Windows Speech Recognition is running, some computer voice control is possible.

Learning Objectives

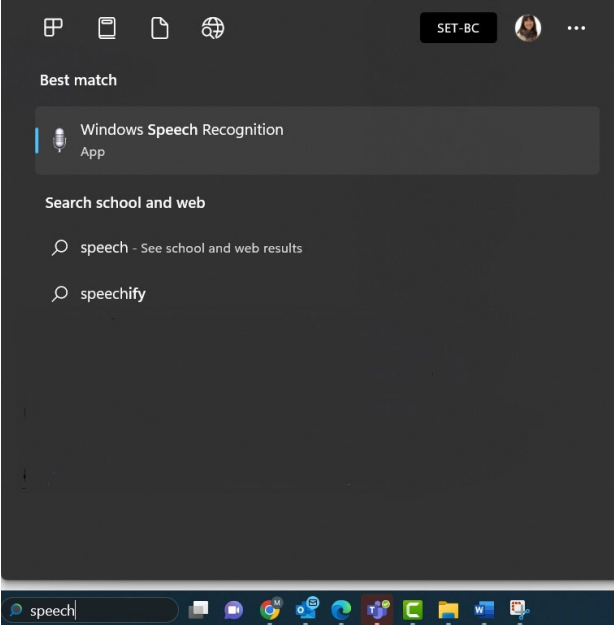
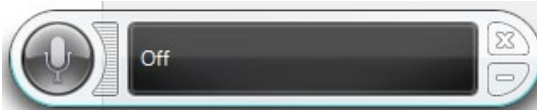
Completing this tutorial will give you:

- Experience using speech to text in Windows Speech Recognition.
- Experience training the speech engine to learn a user’s voice.
- A brief introduction to voice computer control.

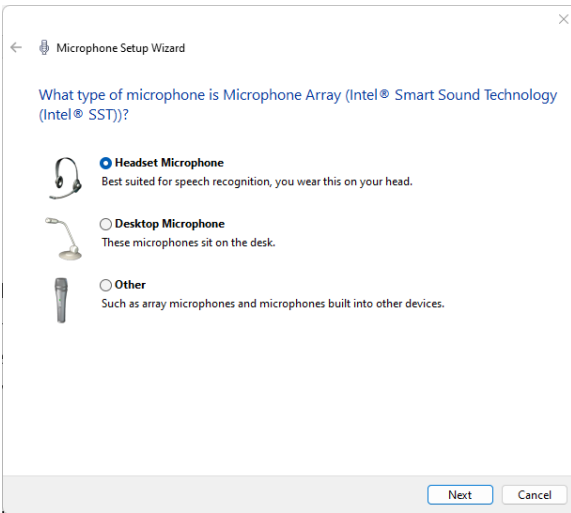
This tutorial assumes that:

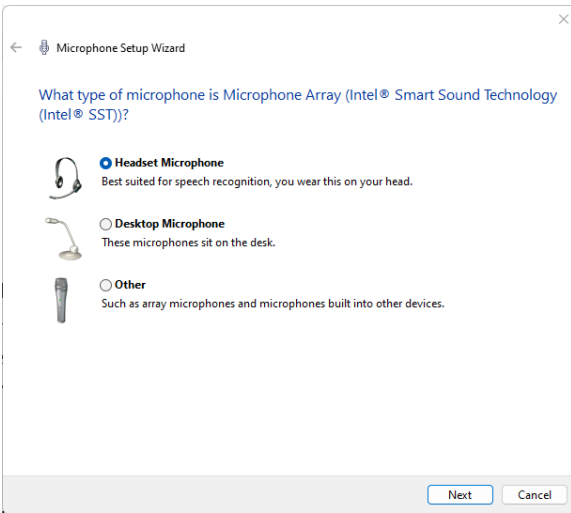
- You are working on a Windows computer.
- You have access to a headset with a built-in microphone.

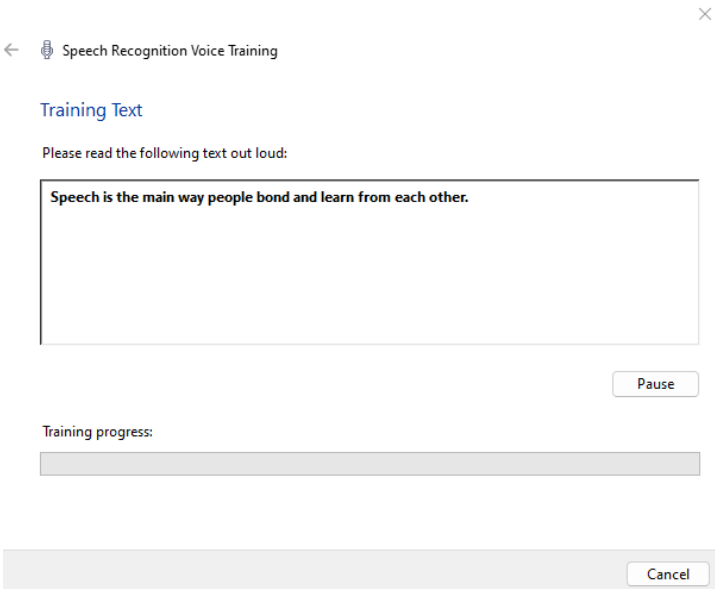
Steps to Follow

Step	Instruction	Visual Depiction
1	<p>Windows Speech Recognition is a speech to text tool.</p> <p>Dictation accuracy is improved by wearing a headset with a built-in microphone.</p> <p>In the Search window in the task bar at the bottom of your screen, type Speech Recognition and open the app to launch the speech recognition toolbar.</p>	 A screenshot of the Windows Search interface. The search bar at the top contains the text 'speech'. Below the search bar, the results are displayed. The top result is 'Windows Speech Recognition App', which is highlighted. Below this, there are two other results: 'speech - See school and web results' and 'speechify'. The Windows taskbar is visible at the bottom of the screen, showing the search bar with 'speech' entered and several application icons.
2	<p>Click on the microphone to begin dictation. Click on the microphone again to stop dictation.</p>	 A close-up screenshot of the Windows Speech Recognition toolbar. On the left, there is a microphone icon. To its right is a dark rectangular area with the word 'Off' in white text. On the far right, there are two icons: a square with an 'X' and a minus sign.
3	<p>Punctuation is not automatic. You need to either edit to add the punctuation, or speak the punctuation as you dictate.</p>	

Step	Instruction	Visual Depiction
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4	<p>The first time you open Speech Recognition, you will be guided through a set up process which will include selecting your microphone.</p>	
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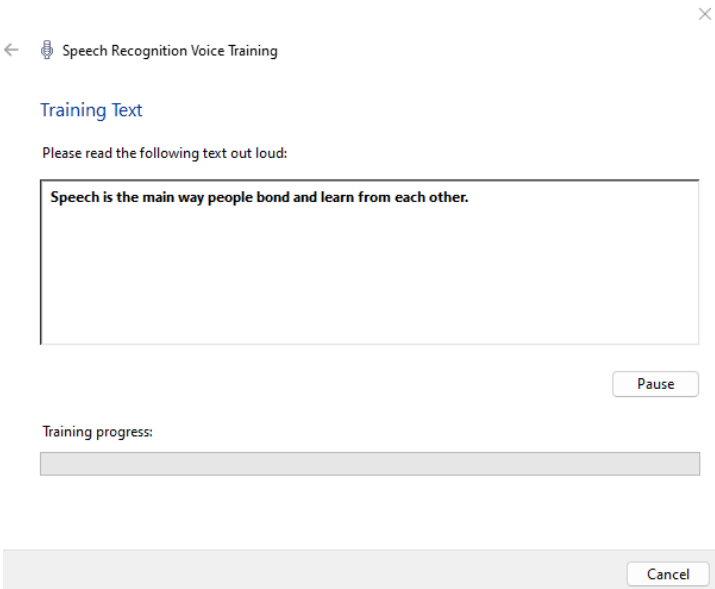


5	<p>Windows Speech Recognition can learn an individual's voice.</p>	
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Right-click on the Speech Recognition floating toolbar, and select 'configuration', then 'Improve voice recognition'. A series of text prompts will appear to read aloud.

In doing so, the program is learning the user's voice. For a student who has some unique speech differences that are somewhat consistent, Windows Speech Recognition may be a helpful tool.

Training can be paused and continued later.



Step	Instruction	Visual Depiction
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| 6 | <p>In Windows Speech Recognition some computer voice control is possible.</p> <p>Right click on the speech recognition floating toolbar, and select Open Speech Reference Card to find all the voice commands to open and close applications, move the cursor to a specific spot within text, select words and many other commands.</p> | |
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