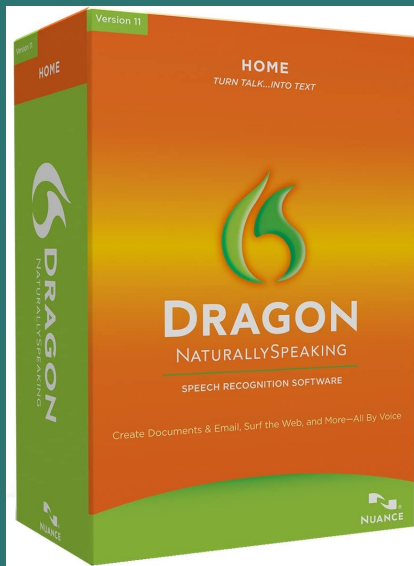## Dragon Naturally Speaking

This is a speech to text software that could be used by deaf or hard of hearing students for translation purposes. The student can simply have the software open on a computer and the software will pick up the spoken words of a teacher's lecture.

Augmentative and Alternative Communication Devices

There are a variety of these types of devices. Most of them include touch screens, keyboards and digital screens that allow for better face-to-face communication. These devices can be implemented in different places in the school, like the office and cafeteria, to help unfamiliar staff and teachers to communicate with the child. The student may also have a device that they are able to carry with them.
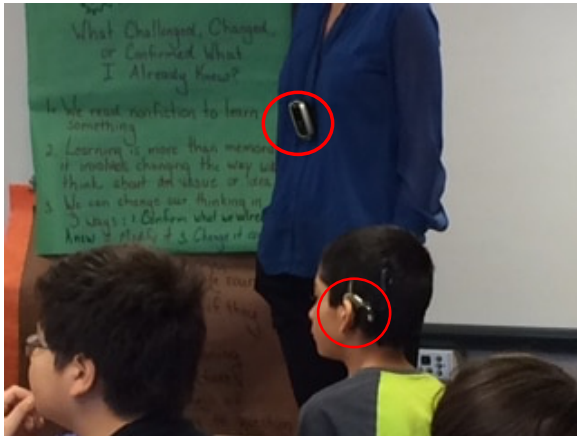
Assistive Technologies in My Classroom

Different technologies used with students that are deaf/hard of hearing

FM Systems

An FM system uses radio signals to send amplified sound around the classroom. As shown in the picture above, the teacher wears a small device that acts as a microphone. The student wears a headset or hearing aid like device which transmits the sound directly to the wearer's ear.

CART System

The Communication Access Realtime Translation system is very similar to the transcription used in court rooms. A trained operator uses a transcription machine to record everything that is spoken. The words then appear on a screen or computer monitor for the student to read. Because all speech is recorded, it allows the student to keep up with all conversation within the classroom. This type of system is preferred to other types of assistive devices because it allows the student to play a more active role in the classroom.
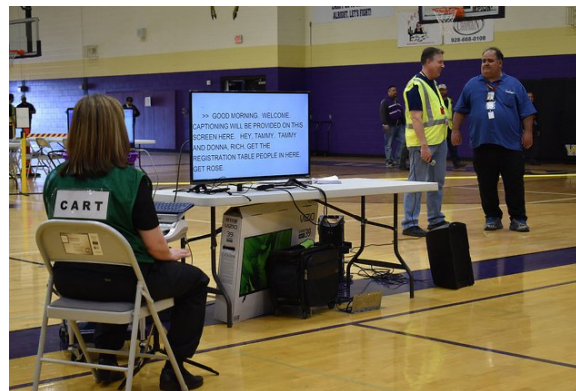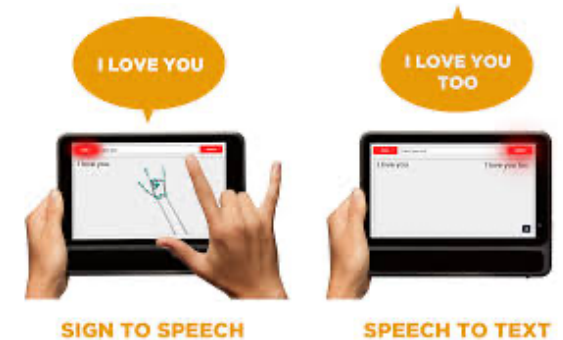
MotionSavvy UNI

MotionSavvy UNI is a software program that detects sign language and turns it into speech. It can also turn speech into text. This kind of technology allows students who communicate using sign language to talk to teachers or peers that don't know sign language. All this software requires is a compatible tablet and the UNI case that houses the tablet and a motion controller that senses the use of sign language.