3.9 Addressing Diversity with Technology

MEDT 6401

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**Scenario 3:** Serena's primary language is Spanish and she is struggling with the readings from the assigned textbook for your class. Realizing that Serena needs audio-visual enriched materials to supplement the textbook, you locate several technology-related resources.

**Adaptive Technologies/Resources**

Kurzweil 3000 software

http://www.kurzweiledu.com/kurz3000.html

This software allows one to scan information into the system. This scanned information can then be read aloud to the student. The student may also click on individual words for definitions, and synonyms.

Read and Write Gold

http://www.synapseadaptive.com/texthelp/read&write_gold/read&write_gold_default.htm

This software has many of the features as the above software. One additional feature is the "Pronunciation Tutor." This feature not only reads words from scanned material, but includes a moving mouth so that the student may better emulate accurate pronunciation.

Dragon Dictation (App)

http://itunes.apple.com/us/app/dragon-dictation/id341446764?mt=8

This app for iPod/iPad allows a student to dictate information and have that information transformed into text.

**Sample Lesson Plan using Adaptive Technology**

Using the Kurzwell 3000 software to scan and read a magazine article about Alice Paul, the student will be able to state five facts from the article with 95% accuracy.

All students will be given a copy of a magazine article about the suffragist Alice Paul. Students are to read the information and write at least five facts learned from the article in their own words. *Serena* will use the Kurzwell software to scan and read the article. She will orally state at least five facts learned from the article.

**Assessment:**

Using a checklist, the teacher will note which students are able to restate at least five facts.