


Department of Rehabilitation
Science and Technology

School of Health and
Rehabilitation Sciences



**Technology Options for
Taking Notes**

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Learning Objectives

Participants will be able to:

- Describe three phases of utilizing notes.
- Understand advantages and disadvantages of dedicated recorders, smart pens, and note-taking software options.
- Identify at least three note-taking software applications.

Note-taking Difficulties

- Physically writing fast enough
- Writing legibly
- Identifying main ideas
- Multi-tasking
- Spelling

Activities

- Taking notes in lectures
- Personal notes
- Taking notes when reading

Stages

- Recording notes
- Organizing notes
- Reviewing notes

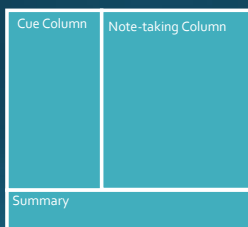
Low-tech solutions

- Instructor handouts
- Shared notes
- Organization
 - Separate notebooks for each class
 - Binder with pockets for handouts

Note-taking strategies

- Review material before class
- Don't write everything
 - Use symbols, abbreviations
- Don't worry about spelling
- Listen for key words and other cues to important material
- Review notes after class

Cornell System



Digital Recorders

- Ease of recording
- Audio quality
- Battery life



Digital Recorders

- Differential features:
 - Folders for organizing notes
 - Ability to sync with computer
 - Variable speed playback
 - Ability to set bookmarks/index

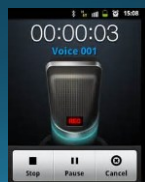
Note-taking and Visual Impairment

- Olympus Digital Recorders with Voice Guidance
- Braille Notetakers



Digital Recorder Apps

- Voice recorder apps come packaged with iOS and Android devices
- Audio quality and features may not meet all needs



Digital Recorder Apps

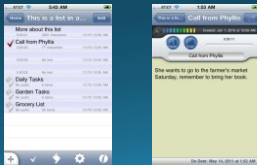
- HT Professional Recorder (iOS, \$14.99)



HT Professional Recorder

Digital Recorder Apps

- List Recorder (iOS; \$0.99, \$7.99 in-app upgrade for recordings longer than 10 seconds)
- Create list items by audio recording; assign due dates
- Designed for compatibility with VoiceOver



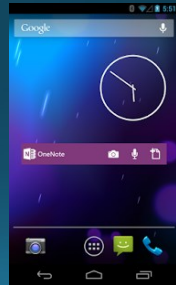
Note-taking Apps - Evernote

- Free for Android, iOS
- Syncs with cloud and desktop software
- Multimodal input
 - Type
 - Handwrite
 - Take photos
 - Record audio
- Organize notes in folders
- Set notes as reminders
- 60 MB/month limit for free version



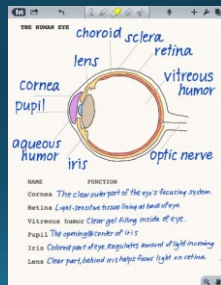
Note-taking Apps – OneNote

- Free for Android, iOS
- Similar features to Evernote
- 15 GB free storage; Office 365 subscription required for more storage



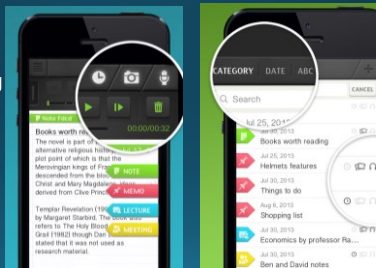
Note-taking Apps – Notability

- iOS (\$2.99)
- Take notes using handwriting or onscreen keyboard
- Add photos, write on top of images
- Audio recording syncs with handwriting or typing



Note-taking Apps – Super Notes

- iOS (\$2.99)
- Typed notes
- Audio recording
- Photos



Livescribe Smartpen

- Audio recorder
- Syncs handwriting and audio using micro-dot paper



Livescribe Paper "Buttons"



Livescribe Paper "Buttons"



Review

- Pen & notebook
- Headphones
- Upload to computer or tablet
 - Hear and see notes
 - Organize
 - Save/Archive



Misconceptions

- Smart pens do not translate audio recording into text
- Smart pens themselves do not translate written text into printed text

Indications

- Able to write a significant portion of notes
 - Able to grasp pen (large diameter)
 - Read own handwriting
 - Multi-task
- Able to manage pen & multiple notebooks

Strategies

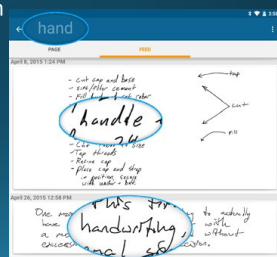
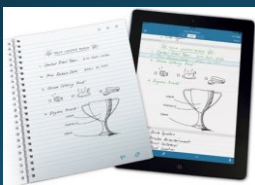
- Brief notes, outline, abbreviations
- Drawings
- Reduce concern with spelling
- Review and fill in details

Models

- Echo
 - Syncs via USB with desktop
- Sky
 - Syncs via WiFi with Evernote
- Livescribe 3
 - Syncs via Bluetooth with Android or iOS app

Livescribe+ App

- Review notes on tablet or smartphone
- Handwriting recognition



Typing

- Laptop
- Tablet with Bluetooth keyboard
- Dedicated word processor
 - Alphasmart

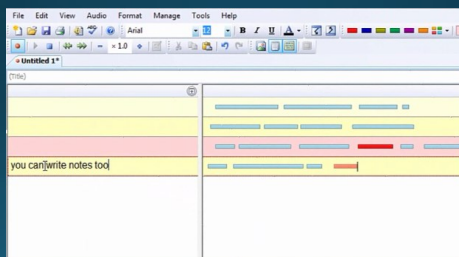


Desktop Software

- Evernote
- OneNote

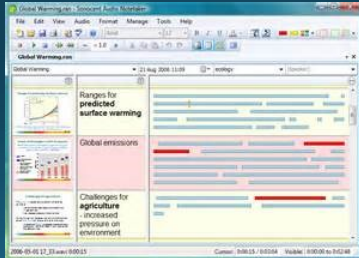
Audio Notetaker

- Record and visualize audio
- Annotate



Audio Notetaker

- Import PowerPoint slides



Taking Notes While Reading

- Read & Write, Kurzweil highlighter features
 - Highlight text
 - Collect highlights in a separate document

Thank You

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