The Brain in the Palm of Your Hand

Using Mobile Devices to Support Independence
Presenters

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Learning Objectives

1. Participants will be able to customize the mobile device to be user friendly.

2. Participants will understand how to use built-in reminders, alerts and information sharing to enhance memory, organization, and independence.

3. Participants will be able to implement a process to identify and choose apps for memory and organization.
Customizing mobile devices

- Change visual presentation to make it easier to see the display: change font size, invert colors for higher contrast, use zoom feature, remove background images

- Determine the easiest method to input information into the device: speech, keyboard, swipe, handwriting recognition

- Audio feedback: alarms, notification sounds, text to speech

- Set up folders to organize information for easy access
"My memory really sucks Mildred, so I changed my password to "incorrect." That way when I log in with the wrong password, the computer will tell me... "Your password is incorrect"
Ways that mobile devices can support functioning?

- set reminders
- time management
- medical management
- reading
- vision and hearing support
- communication
- social networking
- mind exercises
Apps to support memory/organization

- Calendar (Built-in)
- Reminder (Built-in)
- Awesome Note
- Vocal
- First/Then
- Med Helper
- Pillboxie
- Picture Schedule
- Visual Routine
Built-in Calendar

- Meetings, appointments, engagements, birthdays, anniversaries all have their time and place with Calendar.
- Alarms can be set as reminders.
- Can be synced through the cloud
Reminders—built-in app

Forgetting happens way too often. That’s why iPad helps you remember with Reminders. Create a list of have-to-dos, want-to-dos or whatever you like. Set a due date, and Reminders notifies you so you stay on track. iCloud even keeps all your reminders on all your devices.
Awesome note

- Create a Note with the attachment features
- Sync with Calendar and Reminder apps
- Support to-do’s and anniversary and diary note
- Attach photos, map and drawing
- Create, edit and save notes into categories (folders)
- Customize folders by your own color & unique icons
VoCal

Your reminders, in YOUR voice, in YOUR words, delivered on time, every time. Your alerts are delivered even when the app is switched off!

Simply speak your personal memo, set the time and date, be reminded in YOUR voice using YOUR words.

Free
First/Then allows schedules to be created “on the go” and customized to the needs of the individual. Schedules can be created to show daily events or steps need to complete a specific activity or daily events.

- $9.99
- Available for Android
With the Picture Scheduler, you can attach a picture to a note, which is particularly helpful for those who need visual supports to perform daily tasks.

$2.99
Visual Routine

- Program a visual schedule
- Routines can be tailored with audio feedback, customizable pictures, audio directions and text
- Easy setup
- $3.99
Med Helper

- A comprehensive prescription/medication compliance and tracking App designed to help individuals and caretakers manage the challenges of staying on time up to date and on schedule with very simple to very complex regimes. Available on Android and iOS platforms.

- Free
Pillboxie

- An easy, visual way to remember your meds
- Over 100 combinations of med shapes and colors
- Schedule reminders by dropping pills into a pillbox
- Reminds you on time, even if your device is asleep
- No network connection required.
- 99 cents
Emergensee

- Personal security app
- Live video and audio of the activity in the vicinity of the user
- GPS Tracking
- Free monitoring by up to 3 family members or friends
- For Android and iPhone

http://www.emergensee.com
Mobile Readers

- Ebooks
  - iTunes
  - Kindle
  - Nook
- Apps for Reading
  - Voice Dream Reader
  - AudioBooks
  - OverDrive
Voice Dream Reader

- Text to Speech
- Read anything
- Read your way
- Universal Access
- Available for iOS
- $9.99
OverDrive

- eBooks, audiobooks and videos from your local library
- Change the font, contrast, background of reading page
- Change the speed of the audio voice
- Free and available for iOS, Android, Google, Nook, Kindle and PC

- Download from your local library webpage
Mobile Communication Tools

- Apps for communication
  - Speak It!
  - Flip Writer
  - Proloquo4Text
  - SonoFlex
  - My Talk
  - Aphasia - Lingraphica
My Talk

- Easy to use communication app
- Available for iOS and Android platforms
- Customize with symbols, pictures, text
- Authoring online
- Free mobile version
Flip Writer

- Flipped Display
- Powerful Word Prediction
- Built-in Text-to-Speech and Chime
- Save and Organize favorite phrases
- Free
Easy Access For Mobile Devices

- Apps for Senior Friendly Start-up Screens:
  - Necta Launcher
  - Wiser
  - Seniors Phone
  - Fontrillo
  - Big Launcher
  - Silverline
Vision Access Tools

- Built-in Accessibility
  - Magnification
  - Large Text
  - Improved contrast, alternate colors
  - VoiceOver
- Apps for vision
  - Flashlight
  - Jumbo Calculator
  - Magnify
Jumbo Calculator

- Large, easy to read buttons
- Simple design
- Free
Hearing Access Tools

Built-in Accessibility

- Bluetooth connection to hearing aids
- Phone noise cancellation
- LED Flash for alerts

- Apps or programs for Hearing Accessibility
  - BioAid
  - Facetime, Fring, Skype
  - Hamilton Captel
Hamilton CapTel

- Read captions of phone conversations
- Requires a compatible smartphone and a voice/data plan
- Free app and Hamilton CapTel account for eligible candidates
How to evaluate useful apps

- Go to the iTunes App store. Enter a search using key word(s).
- Read reviews posted by other users regarding the app.
- Review the screen shots to see if the app appears to suit your needs.
- Follow the link to the developer’s website and search the site for demonstrations of the app.
- Search the app on YouTube and view tutorials and reviews posted by others who have used the app.
- Categorize the app by type ("reading," "organizations," etc.) the search the internet for the "best (type) apps" and review the lists and reviews that have been created and generated by others.
- Analyze what you want to use the app for the see if it meets your criteria and is suitable for your user’s age group.
- Download and test out a “lite” or free version of the app before purchasing the full version, if possible.
Human Activity Assistive Technology Model (HAAT)
Feature Match

- A systematic, objective way of selecting a tool or device.

- It is used once we have gathered the information about the HUMAN, ACTIVITY and CONTEXT.
CETT (Client, Environment, Task, Tool) Scaffold for AT Decision-Making
# WATI AT Decision Making Guide

## WATI Assistive Technology Decision Making Guide

Client: ___________________  Date: ___________________

Area of Concern:_________________________________________

## Problem Identification

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Contact information

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Montana’s Resource for Assistive Technology Tools and Services

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