INTRODUCTION TO
READING, WRITING AND RESEARCH
ON THE iPAD

VERSION 1.0

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READING, WRITING AND RESEARCH

ON THE IPAD

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Curriculum Objectives

- Review the basics of the iPad's accessibility features
- Learn how to use Dropbox (without VoiceOver)
- Learn how to use Pages (without VoiceOver)
- Learn how to use iBooks (without Voiceover)
- Learn the basics of using Voiceover with the Bluetooth keyboard commands
- Introduction to using Voiceover with the Refreshable Braille Display
- Learn how to apply these apps and commands with students with visual impairments in mainstream classrooms

Overview

The iPad - a handheld tablet computer with a multi-touch screen – has built-in accessibility features. This manual specifically addresses the accessibility features related to vision. This manual will teach how to use three accessible apps (Dropbox, Pages and iBooks) that are used in mainstream classrooms and how to pair and use two external devices (Bluetooth keyboard and refreshable braille display) to drive the iPad.

The target audience of this manual is teachers of the visually impaired. The goal of the manual is to provide training on specific educational apps and the basic commands needed to use an external Bluetooth keyboard/refreshable braille display to drive these apps so that teachers of the visually impaired can enable academic students with visual impairments to use an iPad in mainstream classrooms.

Dropbox: A free accessible app that give you access to all your photos, docs, and videos anywhere. It is an efficient way for teachers, students and parents to share assignments and information.

Pages: An accessible word processing app that allows documents to be easily organized into folders.

iBooks: An accessible free app that allows you to download and read textbooks and books. This app allows you to highlight information, take notes, create personal flashcards, access glossary terms and more.

VoiceOver: VoiceOver is the built-in screen reader. With VoiceOver, you use simple gestures to physically interact with items on the screen. VoiceOver can be driven by special commands using a Bluetooth keyboard or a refreshable braille display.

Bluetooth Keyboard: A Bluetooth keyboard is a wireless keyboard that has been paired to the iPad. The Bluetooth keyboard is much more efficient than using the on-screen keyboard. When used in conjunction with Voiceover, the Bluetooth keyboard has an additional set of commands that will drive the iPad without ever having to touch the iPad's screen.

Refreshable Braille Display: A refreshable braille display (RBD) is a braille keyboard and a braille display that enables a blind user to easily interact with the iPad. Working in tandem with Voiceover, the RBD can be used to read, write and to drive the iPad.

This manual has been created specifically to be used in conjunction with the full day training course "Intro to Reading, Writing and Research on the iPad" offered by SAS Institute. This training and corresponding manual is the second in a series of trainings/manuals. The first training and corresponding manual are called "Introduction to iPad Accessibility Features for Blind and Low Vision Students". For more information about these trainings, go to:

http://support.sas.com/misc/accessibility/education/

Outline

Introduction

Chapter 1: Settings

- 1.1 Update iOS Software
- 1.2 Rotor Settings
- 1.3 Multitasking Gestures
- 1.4 Triple-click Home
- 1.5 Speech Rate
- 1.6 Auto-Lock
- 1.7 Side Switch: Lock Rotation/Mute
- 1.8 Connect Wi-Fi

Chapter 2: Review Low Vision Accessibility Features

- 2.1 Mainstream Magnification
- 2.2 Zoom
- 2.3 Large Text
- 2.4 Invert colors
- 2.5 Viewing Interactive White Board with Join.Me
- 2.6 Screenshot

Chapter 3: Dropbox without VoiceOver

- 3.1 Install Dropbox on your computer and iPad
- 3.2 Invite Others to Join Dropbox
- 3.3 Create a Folder
- 3.4 Create a Subfolder
- 3.5 Delete a Folder
- 3.6 Share a Folder
- 3.7 Open a Dropbox Folder
- 3.8 Email a Dropbox Document
- 3.9 Open a Dropbox Document in Pages
- 3.10 Send a Document to Dropbox

Chapter 4: Pages without VoiceOver

- 4.1 Create a Document
- 4.2 Create a Folder
- 4.3 Open a Document that is in a Folder
- 4.4 Move a Document out of a Folder
- 4.5 Name a Document or Folder
- 4.6 Delete a Document or Folder
- 4.7 Copy a Document or folder
- 4.8 Email a Document
- 4.9 Using Pages with VoiceOver

Chapter 5: iBooks without VoiceOver

- 5.1 Download Books
- 5.2 Tool Bar Options
- 5.3 Turn Pages
- 5.4 Low Vision Features
- 5.5 Highlight and Create Notes
- 5.6 Glossary, My Notes, Study Cards

Chapter 6: VoiceOver with Bluetooth Keyboard

- 6.1 Review VoiceOver Gestures
- 6.2 Pair Your iPad with a Bluetooth Keyboard
- 6.3 Enable or Disable the Quick Nav Feature
- 6.4 Practice Keyboard Commands
- 6.5 Navigate the Home Screen
    - o Open/Close Apps
    - o Scroll Through Home Screens
    - o Switch Between Open Apps
- 6.6 Use the Rotor
- 6.7 Surf the Web Using Safari
    - o Navigating Web Pages Using the Rotor
- 6.8 Create and Rename Documents Using Pages

Chapter 7: VoiceOver with Refreshable Braille Display

- 7.1 Pairing APH 18 Refreshabraille with Your iPad
- 7.2 Description of APH 18 Refreshabraille
- 7.3 Practice Refreshable Braille Display Commands
- 7.4 Navigate the Home Screen
  - Open/Close Apps
  - Scroll Through Home Screens
  - Switch Between Open Apps
- 7.5 Use the Rotor
- 7.6 Surf the Web Using Safari
  - Navigate Web Pages Using the Rotor
  - Safari and Reader Option
- 7.7 Create and Rename Documents Using Pages
- 7.8 Editing with RBD