Bluetooth Keyboard Commands with VoiceOver on the iPad

iOS 9.2

Chapter 3: General Navigation using Bluetooth Keyboard Commands (Quick Nav is ON)

Module Objectives

- 3.1 Mainstream Bluetooth Keyboard Shortcut Keys
- 3.2 Review Basic Bluetooth Keyboard Navigation Commands
- 3.3 Jiggle & Interacting with App Folders using Bluetooth Keyboarding Commands
  - Jiggle Mode and Creating an App Folder
  - Remove App from Folder
  - Rename Existing App Folder
- 3.4 Display the Search Screen, Notification Center and Control Center using Bluetooth Keyboard Commands
  - Search Screen
  - Notification Center
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- 3.5 Navigating between Open Apps with Bluetooth Keyboard Commands
- 3.6 Speech On/Off
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- 3.8 Siri
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Bluetooth Keyboard Overview

This section reviews and expands general navigation – moving around the iPad’s Home screens – using a Bluetooth keyboard. For general navigation, Quick Nav is On. Participants should already be familiar with navigating the iPad’s Home screens with VoiceOver gestures.

It is more efficient to use a Bluetooth keyboard rather than the on-screen keyboard. The Bluetooth keyboard can drive the iPad, especially when using the shortcut keyboard commands. Additional Bluetooth keyboard commands, such as moving between open apps and creating folders will also be discussed. All activities in Chapter 3 will have Quick Nav On.

Bluetooth Keyboard Recommendation

When purchasing a Bluetooth keyboard for your iPad or other iOS devices, make sure that the keyboard has arrow keys so you can use the “Quick Nav” feature with VO. You will also want the “hide keyboard” key, which typically has a keyboard symbol with three rows of dots. (In the image below, the hide keyboard key is the 6th key from the left.)

Apple keyboards are different than Windows keyboards. Apple keyboards contain an Option key and a Command key (cmd). Window keyboards contain the Alt key and the Windows key. If you are using a Windows keyboard, you can substitute the Alt key for the Option key and the Windows key for the cmd key.

You will also want the Control, Option and Command keys together to the left of the space bar. When VoiceOver is on, these keys or combinations of these keys are used. (Example: Control + Option + A will “read all” from the current position.) Some brands of Bluetooth keyboards split the Control and Option keys (one on either side of the space bar), which makes it physically challenging to press these keys plus another key simultaneously.

Bone Conducting Earphones Recommendation

AfterShokz are an open ear design earphones that allows the user to listen to the audio without blocking sounds in the environment. AfterShokz, which are earphones connected by a band that goes behind the user’s head, rest on the bone in front of the ear canal. AfterShokz require charging. AfterShokz are now available with a Bluetooth connection, eliminating the wires. AirDrives are another brand of bone conducting earphones.
Quick Nav On

“Quick Nav On” is used to easily navigate around the iPad and within an app. Turn “Quick Nav Off” to edit or manipulate text. “Nav” stands for “navigation” – to move around the iPad Home screens or to move around an opened app. Chapter 3 covers navigating around the Home screen and Chapter 4 covers navigating around apps with Quick Nav On. Chapter 5 covers editing with Quick Nav Off. Press the right and left arrows simultaneously to toggle between Quick Nav On and Quick Nav Off.

TEACHER HINT: IF THE Bluetooth keyboard command does not react as expected, Confirm that Quick Nav is On.

“VO”

Many VoiceOver keyboard commands require that the Control key and the Option key are pressed at the same time. This document uses the common shorthand “VO” to denote that the Control and Option keys should be pressed at the same time. For example, “VO + A” indicates that the Control, Option, and A keys should be pressed at the same time.

“Activate”

In this manual, we use the term “activate”. There are five ways to activate an item when using VoiceOver, including:

- One finger double tap
- Drag and split tap
- Pressing the up + down arrows on the Bluetooth keyboard simultaneously
- Pressing the joystick in (refreshable braille display)
- Pressing 3 + 6 + space (refreshable braille display)

For a complete list of VoiceOver gestures, Bluetooth keyboard commands and refreshable braille display commands, see the Quick Reference Guide for VoiceOver on iOS devices:

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

The Bluetooth keyboard is often the most efficient way to drive the iPad; however, there are times that a quick tap on the screen (to move the VoiceOver focus) or dragging your finger is more efficient. There are also a few things that cannot be
done from a keyboard, such as exiting a popup. These options will be discussed in the manual.
3.1 Mainstream Bluetooth Keyboard Shortcut Keys

Many Bluetooth keyboards that are designed for iPads will have additional shortcut keys, which may vary depending on the specific Bluetooth keyboard. Your keyboard may have the same keys in a different order or your keyboard may have different keys. For additional information on your Bluetooth keyboard, do an Internet search for your specific keyboard.

The top row shortcut keys on this keyboard, starting on the top left:

- Home, Lock, Dictation, Undo, Redo, Hide/Show on-screen keyboard, Copy, Paste, Previous Track, Play/Pause, Next Track, Mute, Decrease Volume, Increase Volume

![Figure 1 Top row keys on one Bluetooth keyboard](image)

- To take a screen picture: *Home + Lock keys* simultaneously.
- To activate Siri: *Hold Home key*
- Show/Hide on-screen keyboard: *Keyboard key*

Currently, there is not a true Bluetooth keyboard command for Dictation. When in a text field and *only when the on-screen keyboard is displayed* there are several ways to start dictation. To toggle the on-screen keyboard, press the Bluetooth key hide/show on-screen keyboard, then:

- Students can use the Bluetooth Keyboard key to display the on-screen keyboard and then press the Dictation key located to the left of the space bar on the on-screen keyboard.
- Two fingers double tap will start and stop dictation.
- VO + - (when Quick Nav is on) or VO + + (when Quick Nav is off)

**Remember, you must be in a text field to use dictation and the on-screen keyboard must be displayed on the iPad screen.**

**TEACHER HINT:** There are many students with BVI who have additional physical disabilities and who struggle with typing on the Bluetooth keyboard and/or RBD. For these students, dictation might be a good modification. This type of student may be able to use the arrow keys/keyboard commands for simple navigation while using dictation for inputting larger amounts of text. Unless there is a real determining factor, such as a physical limitation, Dictation should not replace good typing skills!
The bottom row keys on most Bluetooth keyboard often include the following keys:

Function, Battery, Control, Option, Command, Space Bar, Brightness, World, left/up/down/right arrows

Note: The keys may be in a different or may appear in a different order depending on the Bluetooth keyboard. Some keys may appear in the top row on one type of the Bluetooth keyboard and in the bottom row of another keyboard.

Battery key

The Battery key will indicate the amount of battery left. With the Zagg Bluetooth keyboards, press the Battery key and a light on the key will flash.

- Green flashing light: 50% or more charged
- Yellow flashing light: 25% - 50% charged
- Red flashing light: less than 25% and backlights (if available) will not function
3.2 Review: Basic Bluetooth Keyboard Navigation Commands

In this section we will review the basic Bluetooth keyboard commands. The iPad has a VoiceOver Keyboard Help mode that allows you to practice various VoiceOver keyboard commands. While on this screen, VoiceOver will verbally state what keyboard command you pressed and what that command does. Example: “VO + B, read page starting at the top.”

VoiceOver must be On in order to use the VoiceOver keyboard help. Chapter 3 focuses on how to navigate using Bluetooth keyboard commands. For all the activities in Chapter 3, Quick Nav is On.

Activity 3.2a Keyboard “Synchronized Swimming”

With VoiceOver On, the training instructor will lead the group to VoiceOver Keyboarding Practice screen. The training instructor will call out various keyboarding commands and participants will try to perform these commands in sync with the group.

“Quick Nav On” is used to easily navigate around the iPad. Turn “Quick Nav Off” to edit materials. To toggle between Quick Nav On/Off, press the right arrow and left arrows at the same time.

**Teacher Hint: iOS 8 added the Bluetooth keyboard command VO + Q to toggle Quick Nav on/off.**

The “VO” symbol indicates that the Control and Option keys are pressed at the same time. Example: VO + A means that Control, Option and A keys are pressed simultaneously.

This activity assumes VoiceOver is On and the Quick Nav feature is On. (Press the right arrow and left arrows at the same time until you hear “Quick Nav is On”.)

1. Turn Quick Nav On: (right + left arrows simultaneously until you hear “Quick Nav On”).
2. Turn on VoiceOver Keyboard Help: (VO + K using the Bluetooth keyboard).
3. Practice keyboard commands: (if you are participating in the training, the instructor will call out various keyboard commands for the group to perform in sync). See the next page for a list of commands.
4. Exit VoiceOver Keyboard Help: (Home button).
**Teacher Hint:** Most keyboards work best when you hold the VO keys down first (and keep holding) then press the additional key.

**Commonly used Bluetooth Keyboard Navigation Commands (assumes Quick Nav is On)**

VO means Control + Option keys are pressed simultaneously.

<table>
<thead>
<tr>
<th>Action</th>
<th>Command</th>
</tr>
</thead>
<tbody>
<tr>
<td>Go to Home screen</td>
<td>VO + H</td>
</tr>
<tr>
<td>Move VoiceOver cursor to next item</td>
<td>Right arrow</td>
</tr>
<tr>
<td>Move VoiceOver cursor to previous item</td>
<td>Left arrow</td>
</tr>
<tr>
<td>Move VoiceOver cursor to first item on the page</td>
<td>Control + up arrow</td>
</tr>
<tr>
<td>Move VoiceOver cursor to last item on the page</td>
<td>Control + down arrow</td>
</tr>
<tr>
<td>Move VoiceOver cursor to next container</td>
<td>Control + right arrow</td>
</tr>
<tr>
<td>Move VoiceOver cursor to previous container</td>
<td>Control + left arrow</td>
</tr>
<tr>
<td>Activate Selected item</td>
<td>Up + down arrows</td>
</tr>
<tr>
<td>Read the entire page starting at the top</td>
<td>VO + B</td>
</tr>
<tr>
<td>Pause/Resume reading</td>
<td>Control</td>
</tr>
<tr>
<td>Start reading at selected item</td>
<td>VO + A</td>
</tr>
<tr>
<td>Scroll page up, down, left or right</td>
<td>Option + up, down, left or right arrow</td>
</tr>
<tr>
<td>Move forward between open apps</td>
<td>Command + Shift + Tab</td>
</tr>
<tr>
<td>Move backward between open apps</td>
<td>Command + Tab</td>
</tr>
<tr>
<td>Jiggle</td>
<td>VO + Shift + M</td>
</tr>
<tr>
<td>Open App Switcher</td>
<td>VO + H two times or Home key twice</td>
</tr>
<tr>
<td>Rotor</td>
<td>Up arrow + right arrow or up arrow + left arrow</td>
</tr>
<tr>
<td>Perform action defined by current Rotor setting</td>
<td>Up arrow or down arrow</td>
</tr>
<tr>
<td>Move to Status Bar</td>
<td>VO + M</td>
</tr>
<tr>
<td>Notification Center</td>
<td>VO + M (status bar) then Option + up arrow</td>
</tr>
<tr>
<td>Control Center</td>
<td>VO + M (status bar) then Option + down arrow</td>
</tr>
<tr>
<td>Search Screen (from Home screen only)</td>
<td>Option + up arrow</td>
</tr>
<tr>
<td>Mute VoiceOver</td>
<td>VO + S</td>
</tr>
<tr>
<td>Turn Screen Curtain On/Off</td>
<td>VO + Shift + S</td>
</tr>
<tr>
<td>Answer/end phone call, pause/resume multimedia playback</td>
<td>VO + -</td>
</tr>
</tbody>
</table>
Activity 3.2b Practice Navigating the Home Screen Using Keyboard Commands

If possible, participants are encouraged to practice these familiar keyboarding skills with the Screen Curtain On (iPad screen is dark). Turn the screen curtain On/Off using the keyboard command VO + shift + S.

1. Turn screen curtain on: (VO + shift + S).
2. Go to the Home screen: (VO + H one time).
3. Navigate item-by-item: (right arrow or left arrow to move forward or backwards across the screen).
4. Read the entire page starting at the top: (VO + B).
5. Pause VoiceOver: (Control key).
6. Resume all: (Control key).
7. Move cursor directly to Calendar (top left): (control + up arrow).
8. Move cursor directly to Safari (bottom right): (control + down arrow).
9. Move cursor directly to Calendar (top left): (control + up arrow).
10. Move cursor directly to Pages (bottom left): (control + left arrow).
11. Move to second Home screen: (option + right arrow).
12. Move back to first Home screen: (option + left arrow).
13. Find and Open Dropbox:
   - Move to Safari: (control + down arrow)
   - Move to Dropbox: (left arrow)
   - Activate Dropbox down arrows)
15. Turn Screen Curtain Off: (VO + Shift + S).

**Teacher Hint:** Control + arrow key moves VoiceOver cursor around Home screen that you are currently on. Option + right or left arrow moves to the next or previous Home screen.
3.3 Jiggle and interacting with App Folders using Bluetooth Keyboard Commands

This section describes how to make apps Jiggle, how to create app folders, rename app folders and remove apps from folders. Similar techniques will work in other apps, such as making a Pages document Jiggle and creating Pages folders. If possible, do these activities with the Screen Curtain On (dark screen).

**Jiggle Mode and Creating an App Folder**

To create a folder, move the cursor until it is on the desired app (first app to be placed into the folder). Press VO + Shift + M; you will hear a triple tone and VO will say, “Moving ___” then Voiceover will say the name of the first app on the screen. (*In iOS 8.3, VoiceOver focus jumps to the Status bar instead of moving to the first app on the page.*) All the apps on the screen will now be in Jiggle mode. Use the right arrow or left arrow until you are on the desired app (second app to be placed into the folder). Once on the desired app, press up + down arrows to select. The folder will automatically be named; however, you can choose to change the folder’s name.

To rename the folder, move to “clear text” (x symbol) using the right arrow. Select Clear Text (up + down arrows), which will also open the text field. Type the desired folder name then press Enter.

All the apps will Jiggle until you exit the Jiggle mode by pressing the Home button.

**Teacher Hint:** Quick Nav must be ON (left + right arrows) to use the arrow keys to navigate the Home screen.

**Teacher Hint:** Press and hold VO, then quickly press and release shift + M. (All four keys are briefly held down together.) There should be a slight delay between pressing VO and pressing Shift + M.
**Activity 3.3a Jiggle Command and Create App Folder on the Home Screen**

Confirm Quick Nav is On in order to use the arrow keys to navigate the Home screen. The following activity uses the Camera and Photo apps; however, any two apps can be used for this activity.

1. Go to the Home screen: (VO + H).
2. Move to Camera app: (Right arrow stopping on Camera).
4. Select the Photo app: (Right arrow, stopping on Photo app then up + down arrow to select). The folder will automatically be named “photography”.
5. Rename folder “Pictures”:
   - Move to Clear Text: (Right arrow stopping on Clear Text)
   - Select Clear Text: (Up + down arrows)
   - Type “Pictures” and press Enter
7. Exit popup: (VO + H).

**Teacher Hint:** If the apps are in jiggle mode and the wrong app has been selected, exit jiggle mode (Home button or VO + H), move the focus to the desired app then repeat the steps for jiggle mode. If the apps are in jiggle mode and an app has not been selected, use arrow keys to move to the desired app and then press VO + Shift + M.

**Remove App from Folder**

*Currently, it is not possible to only use Bluetooth keyboard commands to move an app out of a folder.* However, you can use a combination of keyboard commands and gestures to accomplish the task.

You can move to the desired folder and select the folder (up + down arrows). Move the VoiceOver focus to the first app (right arrow). Make apps Jiggle (VO + shift + M). Select the app you want to move outside of the folder – using gestures – one finger, double tap and hold. Drag the app outside the folder and continue to hold until VoiceOver says “outside of ___ folder, hold finger for 5 seconds to close”.
Activity 3.3b Remove App from Folder

Currently, it is not possible to only use Bluetooth keyboard commands to move an app out of a folder. However, you can use keyboard commands and gestures to accomplish the task.

1. Go to the Home screen: (VO + H).
2. Move to the desired folder: (Arrow keys stopping on the Pictures folder).
3. Select the desired folder: (Up + down arrows to select).
4. Move to desired app: (Right arrow stopping on the Camera app within the open folder).
5. Select app to be moved: (Double tap and hold then drag Camera app outside of the folder, holding for 5 seconds before releasing).
Rename an Existing App Folder

If creating a new folder, repeat the steps above in Activity 3.3a. When a new folder is created, the VoiceOver focus will automatically go to the text field to rename the folder. VoiceOver will automatically name the folder depending on the items placed in the folder.

To rename an existing folder, open the desired folder (up + down arrows) and make the apps Jiggle (VO + shift + M). This will show the Clear Text button. Move to Clear Text button using the right arrow. Select Clear Text button (up + down arrows); VoiceOver will say, “Folder is editing, double tap to edit text field.” Type in the desired folder name and press Enter.

Activity 3.3c Rename an App Folder

Currently, if VoiceOver is talking when you give the keyboard command to jiggle apps, the apps will not jiggle. If that happens, use the arrow keys to move the VoiceOver focus off of the desired app and back on the desired app before trying the command again.

1. Choose another folder or repeat steps 1 - 4 in Activity 3.3a to recreate Picture folder.
2. Open Folder: (Right arrow stopping on Picture folder then up + down arrows to select).
3. Make the apps jiggle: (VO + shift + M).
4. Move to Clear Text button: (Right arrow stopping on Clear Text).
5. Select Clear Text button: (Activate Clear Text button).
6. Type in desired folder name: (Type in desired folder name; press Enter key to hear the new folder name).
7. Exit jiggle mode: (VO + H).
8. Exit folder: (VO + H).

**Teacher Hint:** Wait until VoiceOver stops talking before pressing the VO + Shift + M to make the apps jiggle.
3.4 Display the Search Screen, Notification Center and Control Center using Bluetooth Keyboard Commands

**Search Screen**

From the Home Screen only, you can find everything that is on your iPad: an app, song, event, book, email by a specific person or topic thread, title of a specific Pages document, or specific person’s contact information. When in the Search text field, simply begin typing the desired word and everything associated with that word will be displayed.

To access Search, go to the Home screen (VO + H). Confirm that Quick Nav is On (left + right arrows) then use option + up arrow. To dismiss the Search screen, press the Home key or VO + H.

**Notification Center**

The Notification Center automatically shows the Today view, which gives a summary of the day (date, weather, your calendar appointments) and a peak at tomorrow's events. The All view lists the alerts and banners. The Missed view shows the alerts (such as missed calls) that you have not addressed in the last 24 hours. You can tap the buttons or swipe right/left to change between the Today, All and Missed views.

The Notification Center can be viewed from any screen, including the Locked screen.

To access the Notification Center, confirm that Quick Nav is On (left + right arrows) move the VoiceOver cursor to the Status bar at the very top of the screen (VO + M) and then use option + up arrow. To dismiss the Notification Center press the Home button or VO + H.
Control Center

The Control Center provides instant access to frequently used items on the Locked Screen, the Home Screen or on top of any open app. The following items are available in the Control Center:

- Previous Track/Play/Next Track
- Airplane Mode On/Off
- Wi-Fi On/Off
- Bluetooth On/Off
- Do Not Disturb On/Off
- Mute or Lock Rotation On/Off
- Brightness Slider
- Volume Slider
- AirDrop
- Clock App
- Camera App

The iPhone has the same items plus these additional items:

- Flashlight App
- Calculator App

To access the Control Center, confirm that Quick Nav is On (right + left arrows) move the VoiceOver focus to the Status bar (VO + M) and then option + down arrow. To dismiss the Control Center, press the Home key or VO + H.

**Teacher Hint:** Low vision students or students who have trouble with glare can quickly adjust the iPad’s brightness in the Control Center. Be sure to teach students how to adjust the brightness according for best visual efficiency in various environments.

**Teacher Hint:** When using the iPad in dim or dark environments, you will want to turn the screen brightness down.

**Teacher Hint:** A bright screen uses more battery power; totally blind students should turn their brightness down to conserve battery power.
Activity 3.4 Use Search, Notification Center and Control Center

1. Go to the Home screen: (Home button).
2. Expose the Search Screen: (Option + up arrow).
3. Find and open camera app: (type in “camera” then right arrow stopping on the camera app, then activate).
4. Go to Home screen: (Home key or VO + H).
5. Open the Notification Center:
   - Move the VoiceOver focus to the Status bar; (VO + M)
   - Option + up arrow
6. Check the weather and your calendar:
   - Check the date and read the current weather report
7. Go to Home screen: (Home key or VO + H).
8. Change the brightness of your iPad:
   - Open Control Center: (VO + M, then option + down arrow)
   - Decrease Brightness: (right arrow stopping on Brightness or 1 finger, drag to bottom right corner)
   - Increase the Brightness: (up arrow)
   - Decrease the Brightness: (down arrow)
   - Close the Control Center: (Home key or VO + H)
   - Go to Home screen: (Home key or VO + H).
3.5 Navigating between Open Apps using Bluetooth Keyboard Commands

You can quickly switch between open apps. Switching between apps enables students to efficiently complete many tasks, including the ability to copy a text from a book or website and paste that text into Pages homework document. The desired apps must be open in the App Switcher. The apps will appear in the order they were last used. To move backward through the open apps, press cmd + shift + tab. To move forward through the open apps, press cmd + tab. When you are on the first/last open app and you try to move backward/forward, there will be a unique sound that indicates there is not another app in that direction.

**Teacher Hint:** The keyboard keys works best if you hold cmd then press tab or hold cmd + shift, then press Tab. Do not Press and Hold the command key too long, as you may open up keyboard hints by mistake!

Activity 3.5a Navigating between Open Apps

If you do not already have several open apps in the App Switcher, open a couple of apps.
1. Open Safari.
2. Move backward to the last app that you had open: (cmd + shift + tab).
3. Move forward to the next open app: (cmd + tab).
4. Move backward to the previous app: (cmd + shift + tab).

**Teacher Hint:** For many VoiceOver users, using cmd + tab and cmd + shift + tab is much easier than the four finger swipe left or right gesture!
### 3.6 Speech On/Off

VoiceOver can still be running with the VoiceOver Speech off. Turning Speech off is a good option for students who are practicing their braille skills using a refreshable Braille Display (RBD). VO + S will toggle between Speech On/Speech Off.

**Trouble shooting:** When VoiceOver is activated and you do not hear VoiceOver talking, check to make sure that the volume is turned up and that the Speech is On. To check if VoiceOver is truly on, drag your finger around the screen. The VoiceOver cursor box should appear and should follow your finger around the screen with clicking sounds in the open areas. If the VoiceOver cursor box does not appear, turn VoiceOver On using triple-click Home.

**Teacher Hint:** When doing spelling assignments or tests using the refreshable braille display, turn speech off so the student has to rely on reading the Braille.

#### Activity 3.6 Speech On/Off

1. Go to the Home Screen: (VO + H).
2. Turn Speech off: (VO + S).
3. Move through app icons: (right arrow multiple times). Notice that the visual VoiceOver cursor box moves from app to app.
4. Turn Speech on: (VO + S).
3.7 Screen Curtain On/Off

When VoiceOver is activated and the Screen Curtain is on, the iPad’s screen will be dark. This is a great option for students with residual vision (and teachers with vision) to practice their VoiceOver skills and/or their listening skills. The Screen Curtain is only available when VoiceOver is on. VO + shift + S will toggle between Screen Curtain on/Screen Curtain off.

**Trouble shooting:** When **VoiceOver** is on and the screen is dark, check to make sure that your brightness level on the iPad is high enough (Brightness can be adjusted in the Control Center) and that the Screen Curtain is off. Dragging your finger around the screen will confirm that VoiceOver is truly on as VoiceOver will talk.

**Trouble shooting:** When using VoiceOver and your iPad suddenly appears to be “dead” – the screen is dark and VoiceOver is not talking when you drag your finger around the screen - make sure that you have not accidently turned Speech off and the Screen Curtain on.

**Activity 3.7 Screen Curtain On/Off**

1. Go to the Home Screen: (VO + H).
2. Turn Screen Curtain on: (VO + shift + S - Screen will now be dark).
3. Move through app icons: (Right arrow multiple times – listen as VO speaks each app).
4. Turn Screen Curtain off: (VO + shift + S).

**Teacher Hint:** When doing assignments and/or taking tests, students may opt to turn the Screen Curtain on so that other students do not copy their work. However, teachers may want to see the screen so they can monitor exactly what the student is doing! Adults may opt to turn the Screen Curtain on when doing personal business such as banking.
3.8 Siri

Siri is a voice-activated application available on the iPad 3 and above; Siri is not available on the iPad 2. Siri is available on iPhone 4S and above. Siri enables you to command your iPad by voice. You can send texts, read specific emails, schedule appointments, set a timer, get directions, ask a scientific question, and much more by holding the Home button until Siri is activated. If you hold the Home button and do not talk to Siri, a list of example things to ask Siri will appear on the screen. You can also activate Siri by holding the Home key on the Bluetooth keyboard.

Activity 3.8 Siri Questions

In this activity, you will ask Siri to read a specific email. You can use any email that you currently have on your iPad. For those participating in the Keyboard training, we will ask Siri to “Read email from Diane”.

1. Go to the Home Screen: (VO + H).
2. Ask Siri to “Read email from (name)”:
   • Press the Home button
   • Say, “Read email from Diane” (or substitute another name)
3. Go to the Home screen: (VO + H).

Repeat the steps above when asking Siri the following questions:
4. Ask Siri, “What is the weather today in Paris?”
5. Ask Siri, “Google the War of 1812.”
6. Ask Siri, “Define “condensation”.”

Teacher Hint: Have your student do an Internet search for “Siri Commands” to learn more about all the things that Siri can answer.
iOS 9 introduced Keyboard Hints. Keyboard hints provide information about Bluetooth keyboard commands that work with and without VoiceOver. (The Bluetooth keyboard commands discussed above only work when VoiceOver is on.) Press and hold the Command (cmd) Bluetooth key, typically located to the left of the space bar. When VoiceOver is on, the Keyboard Hints popup will appear in the middle of the screen and VoiceOver will announce, “Keyboard Hints”. The Keyboard Hints will change according to which app you are in. Example: There are three Keyboard Hints on the Home screen and 9 Keyboard Hints in the Safari App. Some of these Bluetooth keyboard commands do the same action as a VO command. However, some of the Bluetooth keyboard Commands do not have equivalent VO commands. In safari, cmd + shift + R will open the Reader feature. Cmd + W will close the current open Safari window.

Note: Currently, Keyboard Hints are available for a limited number of apps.