SET▶BC

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iOS Accessibility feature – Zoom

Introduction

Zoom allows users to magnify either a portion of or the entire iPad screen up to 15X for easier viewing. The Zoom setting also allows users to apply filters to a portion of the screen for easier viewing.

Learning Objectives

Completion of this tutorial will give you experience with the following:
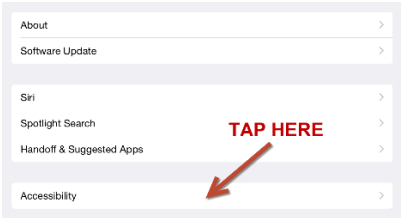
- An ability to turn on and use Zoom accessibility.
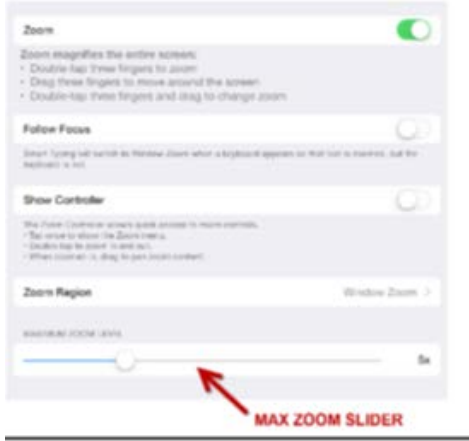
This tutorial assumes

- An iPad with iOS 8.4 or later version. Earlier versions of IOS may also work however they are not covered by the scope of this information.
- Activities below assume an internet connection; however it is not necessary to enable or use the feature.
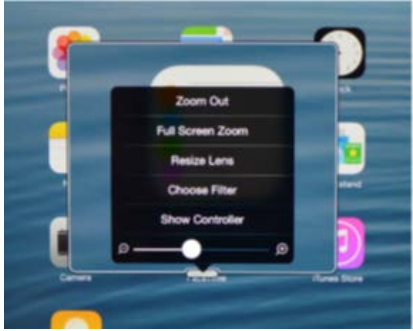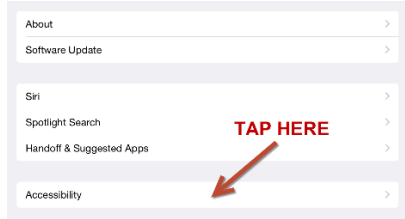
Case Study:

Lucas is a grade 12 student. Lucas has very poor vision and wears very strong glasses. He uses an iPad and ARC-BC to read text books for each of his subjects. When researching online for material Lucas struggles with reading the small print size on his iPad's screen. Lucas does not have an Education Assistant and only accesses the Learning Services Teacher when he is having difficulties using ARC-BC. The District Vision Teacher is contracted out and only comes twice a year and on her last visit recommended Lucas explore the vision accessibility features of his iPad. He is currently researching for a Science Fair Project.

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Using the accessible iOS Zoom feature of an iPad.

1	From the iPad's Home Screen, find and tap on the **Settings** icon to access the Settings Menu.	Settings
2	On the left scroll down menu, locate and tap **General Settings**. On the right scroll down menu locate and Tap **Accessibility** to access the iPad's Accessibility Settings Menu.	
3	Locate the Vision Settings in the right scroll down menu, then locate and click on **Zoom** setting. **Slide the toggle to the right (green)** position to turn the Zoom setting on.	

4	Locate the **Zoom Region** control and tap it once to enter the Lens Modes window. **Tap once on Window Zoom** mode selection box to activate it. Return to the previous menu by tapping the **Zoom** arrow located at the top of the screen.	
5	In the Zoom menu, locate the Maximum **Zoom Level slider** at the bottom of the screen and use it to adjust the zoom level to 5X. Click the **Home Button** once to exit the menu and return to the Home Screen.	
6	**Double Tap three fingers** to activate Window Zoom. To change the view, move the window by **dragging the Control Tab** located on the bottom edge of the zoom window.	

7	Access the Window Zoom controls by **tapping once on the Control Tab**. The Zoom Mode, Lens Size, and Filters can be selected here. Show Controller activates an on-screen controller for the Zoom Window.	
8	Now explore the Zoom function by opening and using some of your other apps such as Notes and Safari, each time noticing the different look the Zoom setting provides. Experiment with different zoom modes, levels and filters. Double Tap three fingers to deactivate Window Zoom.	
9	Once you have finished exploring this setting, remember to go back to the **Accessibility** Settings Menu to turn the feature back off.	
10	**Slide the toggle to the left (grey)** position to turn Zoom setting off.	

11	Push the Home Button once to exit the Settings Menu.	

TASK

After practicing with Zoom answer the following questions in your group.

1. Write one potential advantage for using this setting with a student with visual disabilities.

2. Would other students benefit from this setting? If so, how?

3. How might you get students using this tomorrow?

4. Would this be beneficial to show all students?

Vision Accessibility Features available on iOS:

- *Zoom controller*: controls the power of the zoom, resizes the lens or can add filters This offers a lens that zooms and the potential for higher contrast.
- *Invert Colors:* increases contrast
- *Larger Text:* increases just the text font size
- *Bold Text:* creates bold text in apps, the keyboard and the calculator (not just in eBooks).
- *Button Shapes:* highlights buttons and links throughout the iPad or iPhone making them much easier to see.
- *Grayscale:* is another way to make the screen clearer for users with low vision.