

Accessibility Features in iOS

iPhone, iPad, Mac

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Presenter

- RESNA Certified ATP
- M.S. in Rehabilitation Science and Technology
- Taught undergraduate and graduate level assistive technology courses at East Carolina University
- Developed an online graduate certificate program in AT for East Carolina University





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Objectives

- Explore accessibility features for Vision
- Explore accessibility features for Hearing
- Explore accessibility features for Mobility
- Explore accessibility features for Learning



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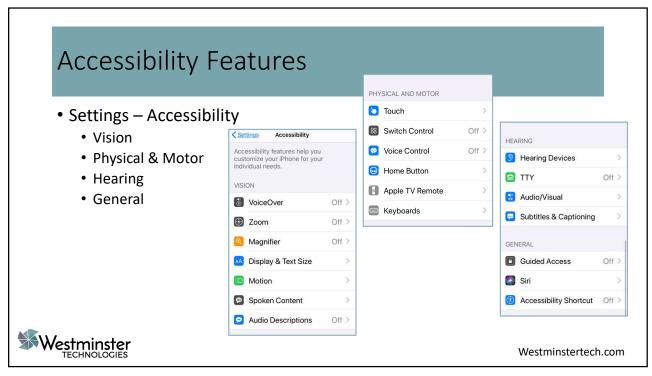
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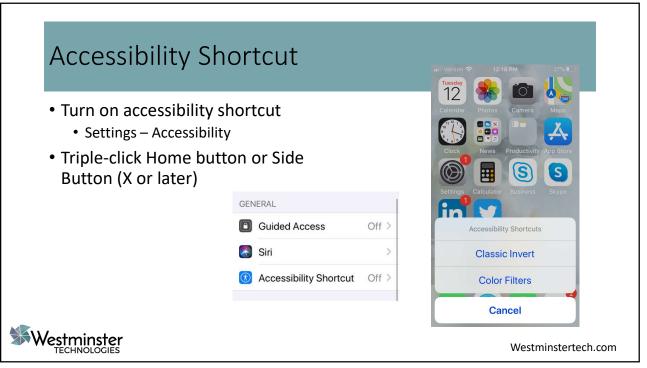
Apple Phones & Tablets

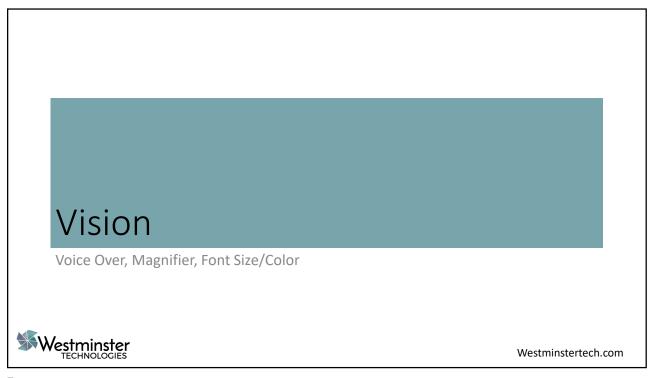
iPhone, iPad

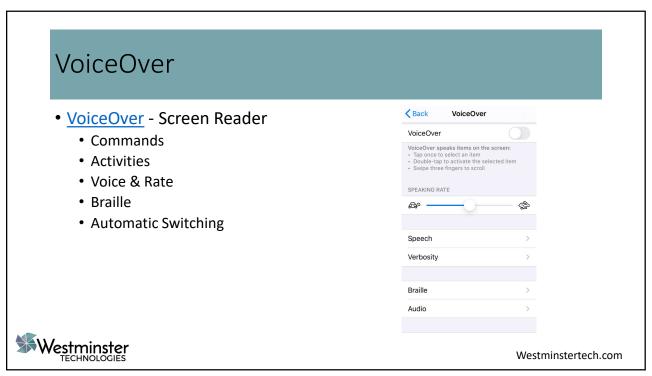


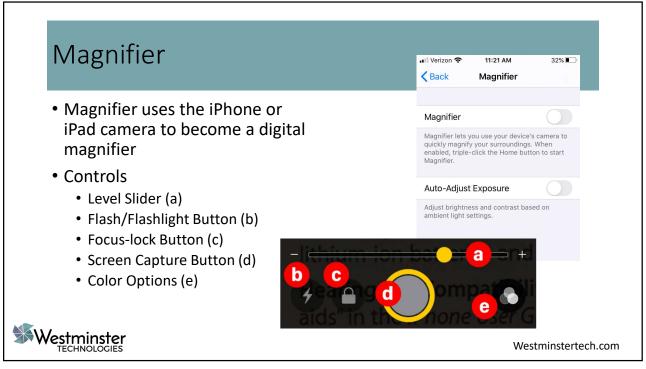
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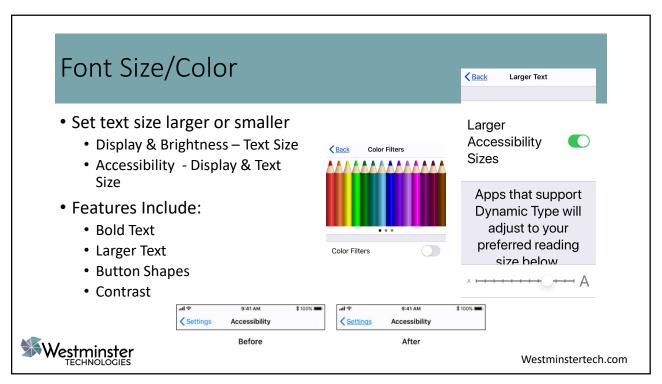












Physical & Motor

Voice Control, Switch Control, AssistiveTouch, Mouse



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Voice Control

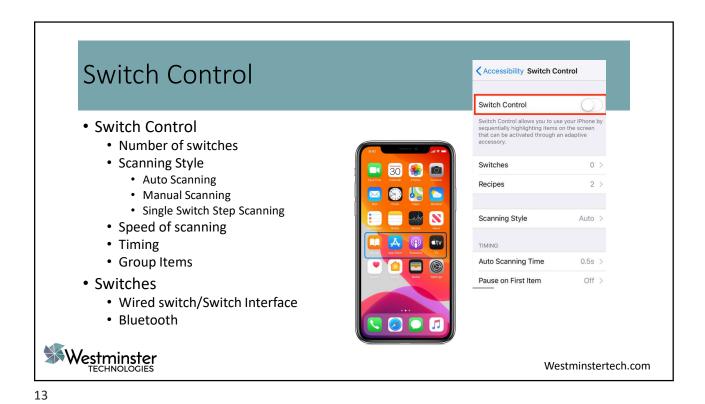
- Hands-free control of iPhones and iPads
- Set Up Voice Control
- Commands
 - Navigate
 - Dictate
 - Edit Text
 - Set Language
 - Customize commands
 - Overlay

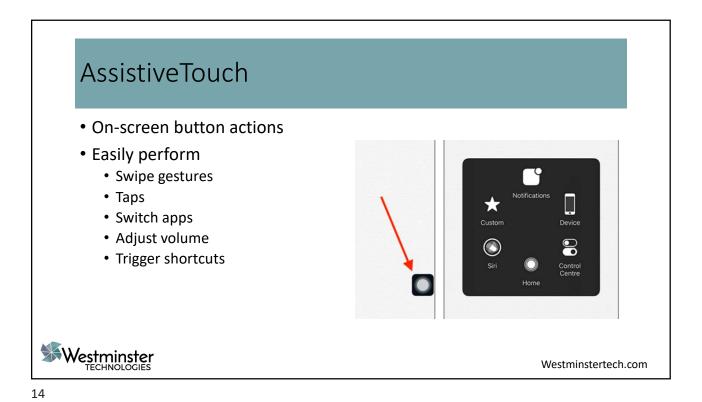






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Mouse Control

- New Mouse Support
 - Bluetooth
 - USB
- Accessibility Touch –
 AssistiveTouch Pointer Devices
 - Devices
 - Add Devices
 - Customize Mouse Buttons
 - Adjust tracking speed





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Hearing

Live Listen, Closed Captioning, Visual Alerts



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Live Listen

- Live Listen makes hearing in loud atmospheres easier.
 - Pair hearing aids with an iPhone
 - Or use AirPods
- Amplify conversations using the phone's built-in microphone.





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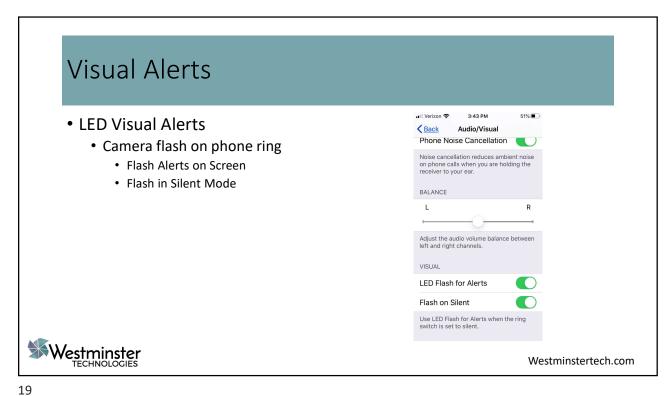


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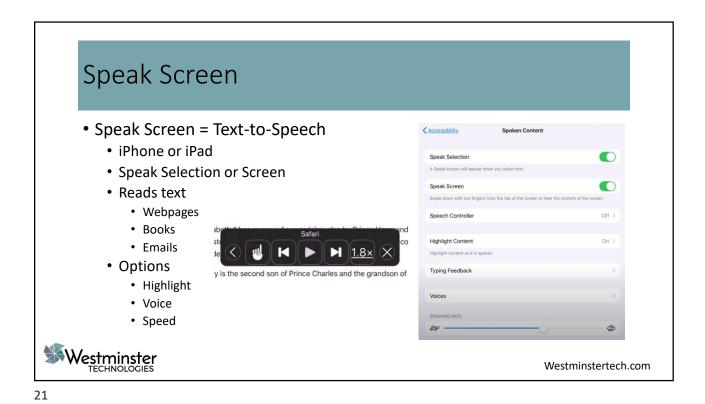
Closed Captioning 3:36 PM • Subtitles & Captioning <u> ⟨ Style</u> Style 1 • + SDH - Subtitles for Deaf and Subtitles look like this. HOH • Style Background Description Style 1 • Size TEXT Customize Text Extra Large > Size Background Opacity Yellow > • Edge Style BACKGROUND Highligh Color

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Guided Access limits the user to one app at a time.

• Limits the amount of time spend in an app.

• Helps user to focus on the app

• Useful for AAC apps

• Schools

• Parents

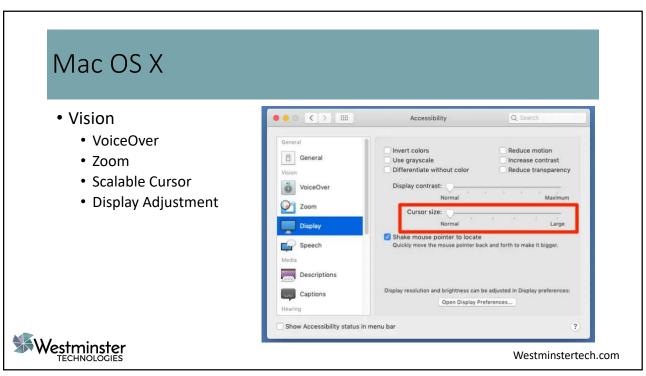
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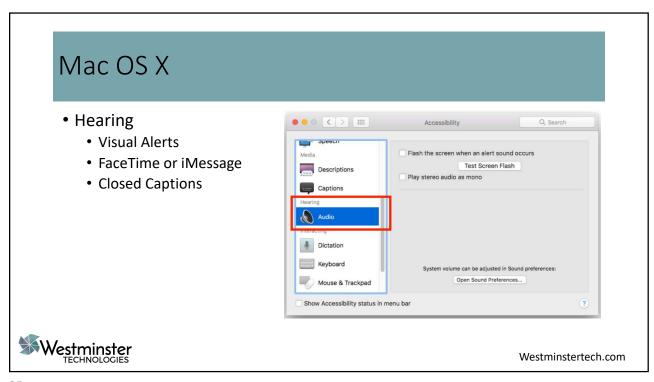
TECHNOLOGIES

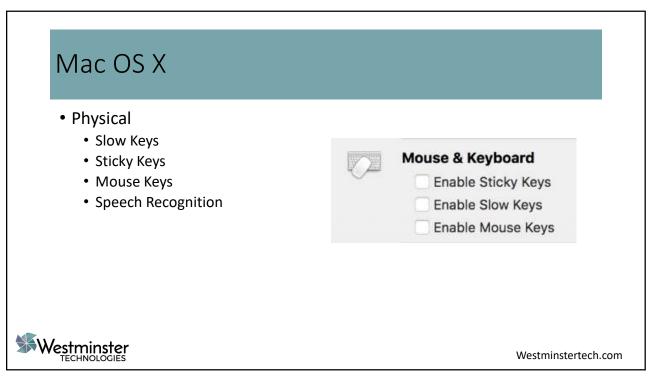
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Mac OS X

- Learning
 - Speak Text (Hover)
 - Text-to-Speech
 - Audible Calculator



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Safari Reader 4:03 PM • Safari Reader AA ≜ barnesandnoble.com ♂ · Reduces visual clutter A 100% Α Removes extraneous Show Reader View • Ads Hide Toolbar • Buttons Request Mobile Website • Navigation Bars Website Settings 0 • Focus on just the content Devices iPad • iPhone • Mac Laptop/Desktop Westminster TECHNOLOGIES Westminstertech.com

Questions



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Resources

"Get Started with Accessibility Features on IPhone." *Apple Support*, 2020, <u>support.apple.com/guide/iphone/get-started-with-accessibility-features-iph3e2e4367/ios</u>.

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Resources

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Any Questions after Webinar

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