

Making Your MW2015 Presentation Accessible: Virtual Handout

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Nonvisual Language Best Practices

- Using Clear Descriptive Language, adapted from Classroom Collaboration, Laurie Hudson <http://www.pathstoliteracy.org/this-that-there>

Documents Accessibility

- Converting Documents to PDFs
<http://webaim.org/techniques/acrobat/converting>
 - Checklist for PDF Accessibility
<http://www.hhs.gov/web/508/accessiblefiles/checklistpdf.html>
- Creating Accessible MS Word Files
<http://webaim.org/techniques/word/>
 - Checklist for MS Word Accessibility
<http://www.hhs.gov/web/508/accessiblefiles/checklistword.html>
- Creating Accessible MS Powerpoint Presentations
<http://webaim.org/techniques/powerpoint/>
 - Checklist for MS Powerpoint Accessibility
<http://www.hhs.gov/web/508/accessiblefiles/checklistppt.html>
- Checklist for MS Excel Spreadsheet Accessibility
<http://www.hhs.gov/web/508/accessiblefiles/checklistexcel.html>

Multimedia Accessibility

- Web Accessibility
 - World Wide Web Consortium (W3C):
 - Web Content Accessibility Guidelines
<http://www.w3.org/TR/WCAG20>
 - Accessible Rich Internet Applications (ARIA)
<http://www.w3.org/TR/wai-aria>
 - How to Meet WCAG 2.0
 - <http://www.w3.org/WAI/WCAG20/quickref>
 - Understanding WCAG 2.0
 - <http://www.w3.org/TR/UNDERSTANDING-WCAG20>
 - Techniques for WCAG 2.0
 - <http://www.w3.org/TR/WCAG20-TECHS>
 - WebAIM (Web Accessibility In Mind): <http://webaim.org>
- Image Description
 - Guidelines:
 - Description Key from the DCMP
<http://www.dcmp.org/descriptionkey>
 - Guidelines for Describing STEM Images

http://ncam.wgbh.org/experience_learn/educational_media/stemdx/guidelines

- Alternative Text on the Web
<http://webaim.org/techniques/alttext>
- Image Accessibility Considerations
<http://webaim.org/techniques/images>
- Video Description
 - Guidelines:
http://www.youtube.com/playlist?list=PLNJrbl_nyy9uzywoJfyDRoeKA1SaEFJ7
 - YouDescribe - A free service that allows anyone to describe a YouTube video. Videos can be played back with description by eyes-free users and others who benefit from description.
<http://youdescribe.org>
 - Tutorial: <http://youtu.be/c-GKbGCzeEc>
- 3D Printing for Accessible Instructional Materials
<http://bit.ly/iste-3dprinting>
- Latest Developments in image accessibility: The DIAGRAM Center
<http://diagramcenter.org>

Universal Design

- CAST (Center for Applied Special Technology) – National Center on Universal Design for Learning <http://www.cast.org/udl>
- Reach for the Stars, free astronomy iBook, fully accessible with sonification of data displays.
 - Promo video: <http://m.youtube.com/watch?v=5uJVX4i1haU>
 - Tactile overlays available from National Braille Press:
<http://www.nbp.org/ic/nbp/REACHSTARS.html>

From Q&A:

1. Are there headings formatting for Powerpoint?
 - a. No, Powerpoint relies on reading order of “objects” on slides.
2. Is Deckset accessible?
 - a. A preliminary check suggests “no”, if the slides convert your notes into an image file that is then untagged and undescribed.