Teacher Accessibility Resources

Introduction to Accessibility

- [Accessibility, Usability, and Inclusion](#) from W3C Web Accessibility Initiative
- Why: Accessibility allows users of differing ability to acquire information, engage in interactions and enjoy the content.
  - Laws
    - [Section 508](#)
    - COMAR
      - [Digital Learning 13A.04.15.07](#)
      - [Purchase and Use of Accessible Teaching and Learning Materials 13A.06.05](#)
    - [Web Content Accessibility Guidelines](#) (WCAG)
  - [Students with Disabilities](#) National Center for Education Statistics
  - [Equality vs Equity vs Accessibility](#) from Wilson Language Training
- Resources:
  - [Accessibility Basics](#) Usability.gov
  - [UDL at a Glance](#) from Center for Applied Special Technology (CAST)
  - [What is accessibility?](#) From Adobe.com
  - [AEM Basics](#) (Accessible educational materials) from NCAEM
  - [Understanding the Basics of Assistive Technology](#) (Infographic) from Center on Technology and Disability (CTD)
  - [Why You Need to Care About Accessibility](#) (Infographic) from CTD
  - [Accessibility is More Than a Checklist](#) from CTD

High Contrast Designs

- Color Contrast
  - [Colors with Good Contrast](#) - W3C (00:01:00)
  - [Contrast Checker](#) - WebAim - Web based
  - [Colour Contrast Analyser](#) - The Paciello Group - Download
- Font
  - [Fonts](#) - WebAIM - Article
  - [My Eight Favorite Free Fonts for Print Disabilities](#) - Perkins School for The Blind eLearning - Blog

Document Structure - Proper Headings

- Word -
  - [Add a heading](#) (00:02:07) article & video
  - [Improve accessibility with heading styles](#) (00:1:25)
- Google -
  - [Add a title, heading, or table of contents in a document](#) (article)
  - [Make your document or presentation more accessible](#) (article)

- Resources:
  - [Accessibility checker overview](#) (video) from Microsoft support
  - [Create more accessible Word documents](#) from Microsoft support (7 videos)
  - [Accessibility Training - Google for Education](#) (12 Youtube Videos)
  - [An Overview of Google Docs Accessibility Options](#) (video) from Richard Byrne
  - [Make your document or presentation more accessible](#) from Google
  - [G Suite user guide to accessibility](#) from Google

Alt Text for Images

- Word
  - [Improve accessibility with alt text](#) (00:02:07)
  - [Add alternative text to a shape, picture, chart, SmartART graphic, or other object](#)(article)
- Google -
  - [Make your document or presentation more accessible](#) (article)
  - [How to Add Alt Text to Images in Google Documents](#) (00:04:18)

Descriptive Links

- Word -
  - [Create accessible links in Word](#) (00:02:09)
  - [Create or edit a hyperlink](#) (article)
- Google -
  - [Make your document or presentation more accessible](#) (article)

Tables

- Word
  - [Create accessible tables in Word](#) (00:02:18)
  - [Creating an Accessible Table in Word](#) (article)
- Google
  - Creating an accessible table in Google Docs is currently limited due to inability to properly designate header rows or columns.

Accessibility Checker

- Word
  - [Check document accessibility in Word](#) (00:01:10)
- Google
  - [Grackle Docs](#) (add-on; freemium) accessibility tool
- Resources:
  - [Tools to Improve the Accessibility of Documents, Slides, Videos, and Websites](#) from PracticalEdTech.com
  - [AIM Explorer](#) - (NCAEM) simulates some of the features found in e-books, online programs, web browsers, and digital text.
  - UMD - DIY - IT Accessibility -[Six Essential Step](#)s (PDF)

Media

- Captions
  - YouTube
    - [Add your own subtitles & closed captions](#) - YouTube Help - Article
    - [Use automatic captioning](#) - YouTube Help - Article
    - [Adjusting settings for closed captioning](#) (00:03:05)
    - [Caption editing process](#) (00:02:46)
- Transcripts
  - [How do I export the Youtube auto-generated captions?](#) - TITANium Resource Center - Article
  - [How to Convert SRT File to Text File](#) - (00:02:01)
- Resources
  - [Captions, Transcripts, and Audio Descriptions](#) - WebAIM - Article
  - [Captions and Transcript and Audio Description, Oh My!](#) - The Paciello Group - Article

Presentations

- MS PowerPoint
  - Subtitles (video) [browser version](#) [desktop version](#)
  - Accessibility video training course - [Create more accessible PowerPoint presentations](#)
- Google slides
  - [Automatic subtitles](#) (video)
  - [Adding alt text](#) (video)
  - [Make your document or presentation more accessible](#) from Google
  - [G Suite user guide to accessibility](#) from Google

Operating system

  - [Mac Accessibility options](#) from Apple
  - [Turn on Chromebook accessibility features](#) from Google

Website accessibility

  - Microsoft Edge: Use [Immersive Reader tool](#)
  - Safari: [Reader View](#) eliminates ads and distractions
  - Google Chrome: [Accessibility Extensions](#)
  - Firefox: [Accessibility Settings](#)
  - [5 Website Accessibility Checkers You Need Today](#) from MediaCurrent.com
  - [Responsive Checker](#)

Accessibility Resources

Accessibility Websites

- National Center on Accessible Educational Materials (NCAEM) [aem.cast.org](#)
- W3C Web Accessibility Initiative (WAI) [Introduction to Web Accessibility](#)
- W3C [Web Content AccessibilityGuidelines (WCAG)](#)

Further Reading

- [Keep Accessibility in Mind for Modern Learning Environments](#) by Jennifer Brown from EdTech Magazine
- [Accessibility in K-12 Education: Why Its Importance Transcends a Mere "Check in a Box"](#) by Dineo Maine from EdSurge Independent
- [What Every Teacher Needs to Know About Website Accessibility](#) from eChalk blog
- [3 steps to a more accessible classroom](#) by Danise Olague from Common Sense Media
- [Accessibility (Policy)](#) from the Digital Learning Collaborative - history and best practices
- [Back-to-School Accessibility Checklist](#) by Elizabeth Barker from The American Consortium for Equity in Education
- [As tech giants focus on accessibility tools, the equation changes for education](#) by Patience Wait from EdScoop.com
- [Designing for users](#) (posters)
- [20 Tips for teaching an Accessible Online Course](#) from Access Cyberlearning

White Papers/Policy Briefs

- [Questions and Answers on Providing Services to Children with Disabilities During the Coronavirus Disease 2019 Outbreak](#) (2020) from US Department of Education
- [The Accessibility of Learning Content for All Students, Including Students with Disabilities, Must be Addressed in the Shift to Digital Instructional Materials](#) (2004) from State Educational Technology Directors Association (SEDTA)
- [Supporting Students with Disabilities in K-12 Online and Blended Learning](#) (2018) from Michigan Virtual Learning Research Institute

Online Courses

- [Making Everyday Curriculum Materials Accessible for All Learners](#) from AEM - 5 modules: Introduction, Documents, Captioned videos, Specialized formats, Digital materials. Each module is 1 hr webinar plus 1-3 hrs of additional read/watch/listen and reflection.