Open Education:
low cost and inclusive by design

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OER Links

- Open Washington’s Open Attribution Builder is just like a citation generator, but for OER: http://www.openwa.org/open-attrib-builder/
- Creative Commons Choose a License guide helps you determine which CC license is best for you: https://creativecommons.org/choose/
- Open Oregon Educational Resources short training videos on OER: http://openoregon.org/tag/short-video/
- Open Education State Policy Tracker from SPARC https://sparcopen.org/our-work/state-policy-tracking/
- PCC OER Research page from library guide https://guides.pcc.edu/oer/research

Examples of accessible OER

- Math 20
- Calculus Lab Manual
- Open Resources for Community College Algebra (ORCCA)
- OpenIntro Statistics
Examples of OER-enabled pedagogy

- The Open Anthology of Earlier American Literature
- Butte biology textbook
- Murder, Madness & Mayhem Wikipedia project

Examples of OER focused on Accessibility

- **flexible learning for open education** (flo) is all about giving learners the ability to personalize their interaction with resources based on how they (as an individual) learn.
  - Inclusive Design Handbook - openly licensed and ready to share
  - Inclusive EPUB - won't make you an expert but great as a starting point
  - Metadata demo - integrates metadata authoring components in existing editors
  - Chart authoring demo - sonification of pie chart data (hint - browsers vary)
- **UDL on Campus:** Accessibility and Open Education Resources - CAST has put this resource together to addresses several key factors that can impact development and integration of OER
  - Metadata - research has shown that difficulty finding materials is a barrier, and this is true when searching by content area or material format
  - Accessibility - many OER were not designed with access in mind - also container vs content conversation is (always) in play
  - Standards - alignment will vary
  - Bias - when crowdsourcing, there is a need for editorial oversight
  - Efficacy-based research assessments - limited in regard to OER accessibility
  - Assessments - beyond scores, real-time data tracking for engagement metrics
  - Multiple Versions - flexible and scalable OER are the most robust
- **UDL Universe:** A Comprehensive Universal Design for Learning Faculty Development Guide - this resource provides research related to accessibility of OER and examples
- **OER and Accessibility** - partnership between California State University, MERLOT, Open Education Consortium, and the National Federation of the Blind
- **B.C. Open Textbook Accessibility Toolkit** collaboration between BCcampus and the Centre for Accessible Post-secondary Education Resources BC (CAPER-BC).
- **Web Accessibility Guidelines handbook by Portland Community College:** Distance Education & Instructional Support - This handbook is openly licensed - ready to share and is complemented with tutorials

Open Source Math Accessibility Resources

- [WeBWorK Accessibility Guide](#) - includes links to webinar recordings and presentations
- [WIRIS Editor demo page](#) with link to [WIRIS/MathType Accessibility documentation](#)
- [Desmos accessibility page](#) with video demo of audio trace and other features