Universal Design for Learning

Increase your general knowledge and understanding of UDL

CAST—Transforming Education through Universal Design for Learning: An educational research & development organization that works to expand learning opportunities for all individuals through Universal Design for Learning. www.cast.org

IRIS/Universal Design for Learning Module: "Creating a Learning Environment that Challenges and Engages All Students" http://iris.peabody.vanderbilt.edu/module/udl/

National Center on Universal Design for Learning: Resources to support the effective implementation of UDL. http:www.udlcenter.org

Reading Supports

BookShare (www.bookshare.org) FREE accessible textbooks & literature for qualifying students.

Read & Write for Google Chrome (download from Chrome Web Store) Accessible text (text-to-speech & translator (ELL) tool for GoogleDocs, websites, .pdf, & ePubs).

Project Gutenberg (www.gutenberg.org) A large collection of royalty-free e-text in various formats including audio recordings.

Tarheel Reader (http://tarheelreader.org/) Accessible books online with a variety of ways to access including switch access.

NewsELA (www.newsela.com) Articles accessible at 5 different reading levels with a simple click. Many articles include a quiz to check for comprehension.
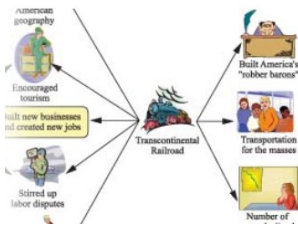
Writing Supports

Read & Write for Google Chrome (download from Chrome Web Store) 30-day free premium trial (word prediction, speech recognition, picture dictionary, highlighting tools, vocabulary builder, fact finder).

Inspiration & Kidspiration (www.inspiration.com) 30-day free trial of visual mapping and outlining program. Extensive templates designed for instructional activities.

Math Supports

DAUM Equation Editor for Google Chrome (download from Chrome Web Store) Essentially replaces pencil and paper. Work can be saved directly into Google Drive.

National Library of Math Manipulatives (http://nlvm.usu.edu/en/nav/vlibrary.html) provides a large selection of interactive, web-based virtual manipulatives or concept tutorials.

Standard deviation

$$\sigma^2 = \frac{1}{N}\sum_{i=1}^{n}(x_i - A)^2 f_i - \left(\frac{1}{N}\sum_{i=1}^{n}(x_i - A)f_i\right)^2 \quad \left(N = \sum_{i=1}^{n} f_i,\ A\ is\ working\ mean\right)$$

Executive Functioning Supports

Smartphones for taking pictures of the whiteboard and homework assignments.

Virtual Calendars like Google Calendar

MyHomeworkReminder is a free extension available from the Chrome Web Store, simple and easy to use.

Resources for the Classroom

Read & Write for Google Chrome Premium is available free to all educators. Visit www.texthelp.com and register for your free subscription.

Typing Club (www.typingclub.com) A free robust online keyboarding program.