



montgomeryschoolsmd.org/departments/hiat

Technology Tools
that Support
Struggling
Learners for
Parents of Middle
and High Students



Who we are

Staff - 5 AT Specialists and 1 IT Services Tech Assistant

Supervisor: Patricia Janus, Physical Disabilities Programs

Office: Lynnbrook Center, Bethesda

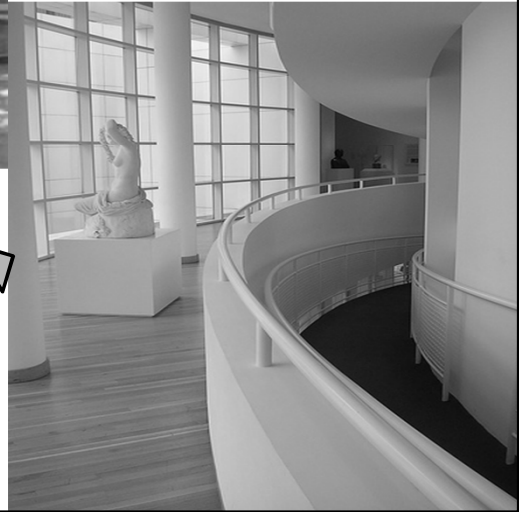
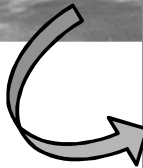


Assistive Technology





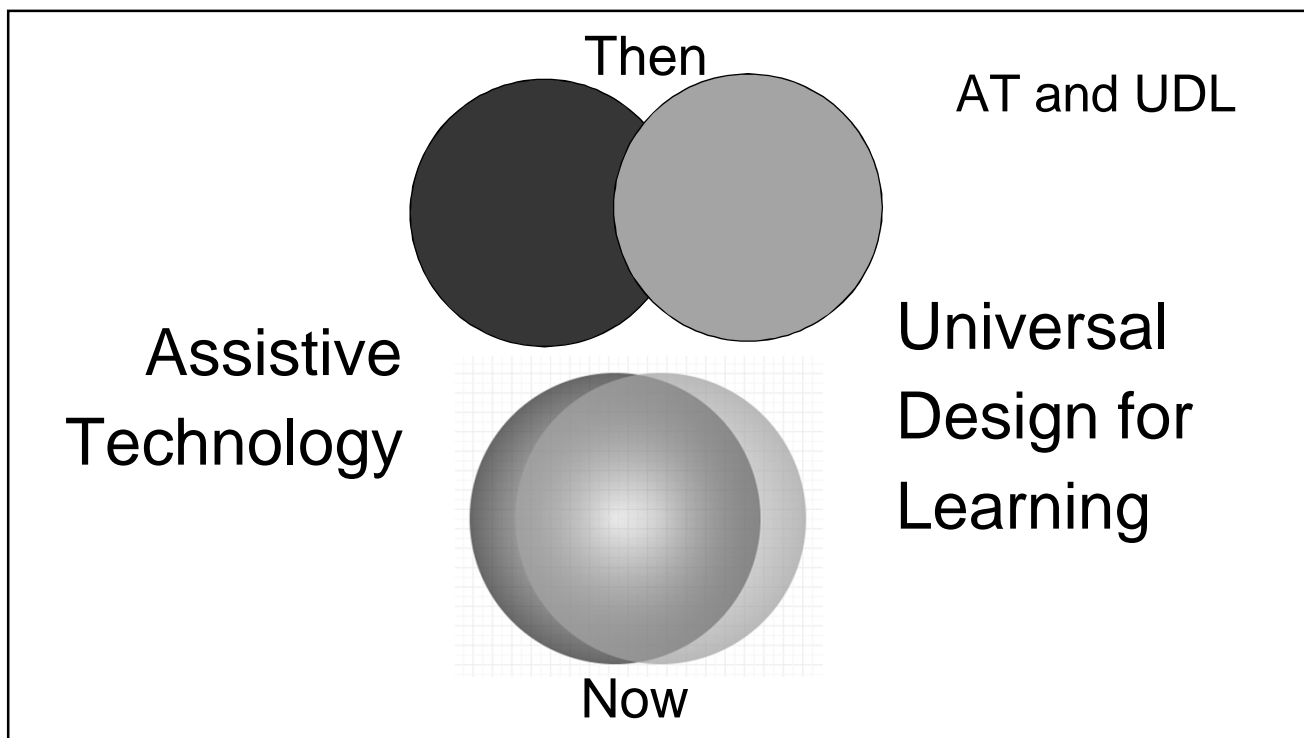
The term **UDL** grew out of the architectural movement of **Universal Design**



Frontloading Success




- ★ Reduces stigma
- ★ Benefits more students
- ★ Saves time needed for reteaching (retrofitting)





Chromebooks A “perfect storm” for AT and UDL

- Can read text back to kids with difficulty decoding
- Typing instead of writing for kids with handwriting issues
- Papers in one place supports organization
- Choices for reading text back based on mood, preferences, interests
- Online translation, dictionary, thesaurus
- Access to online resources




Technology Supports for Reading and Writing



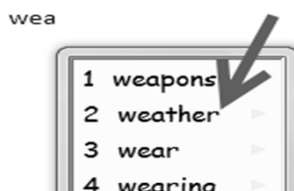


Text to Speech




Speech to text

Word Prediction



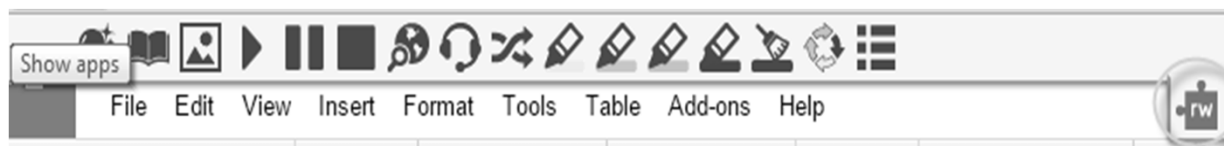
Online tools





Speech Recognition in Chrome - Free for All!

Read and Write For Google Toolbar



Text to speech - Free for All!

Word Prediction

Vocabulary tool/images

Picture dictionary

Highlighting tool

Who Has Access to the Read and Write for Google Toolbar?

The premium version of the toolbar will be accessible to students in grades 3-12 with one or more of the following IEP accommodations:

- (1-L,1-M) Text to Speech Software
- (2-A) Scribe
- (2-D) Electronic Word Processors
- (2-K) Spelling and Grammar Devices
- (2-N) Computer Access Tools/Devices/Software

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Features of Online Resources

Obtain access
from your
school media
specialist



- Read aloud option built in
- Images and videos
- Text at different levels
- Online dictionary

[Comparison chart](#)

Finding Online Resources from Home



Quick Links

- Calendar
- Forms
- School breakfast and lunch menus
- School closings and emergency information
- Staff Directory
- School Bus Routes

A Parent's Guide to MCPS

English | Español | 中文

- Learn About Pre-kindergarten through Grade 12
What your child will learn as an MCPS student
- Look-up Academic Programs
Special academic programs, special education, ESOL
- Learn About the Curriculum and Curriculum 2.0
- Find Support and Services for Parents

For Parents | Students' Corner | Get Help/Resources

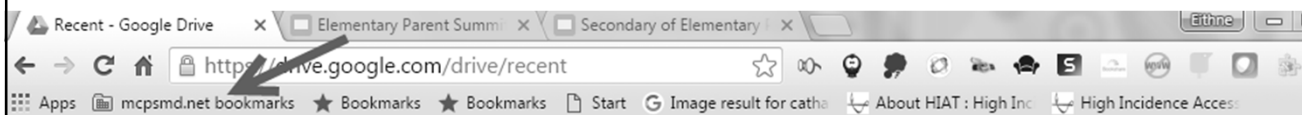
Parents

- Contact MCPS
Get in touch with MCPS
- Read the FAQ
Read other parents' commonly asked questions and get your questions answered
- Learn about Special Education in MCPS
Explore the parent guide to MCPS's special education opportunities
- Work at MCPS
Create a profile and search for jobs to begin your MCPS career!

Students

- Homework resources
- Homework Hotline Live
Call, email, or text the hotline with your questions
- Math Dude
Get math specific help
- Tutoring
Learn about tutoring opportunities at the Saturday School

OR – If you are in Chrome.....



Questions....

