

# **AT Tools to Support & Simplify Student Accommodations and Accessible Course Materials**

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# Hello There!



## Rachel Kruzel

Higher Education Specialist  
Texthelp

Email: [r.kruzel@texthelp.com](mailto:r.kruzel@texthelp.com)

Phone: 651-245-3128

Twitter: [@TH\\_RachelK](https://twitter.com/TH_RachelK)

LinkedIn: [rachelkruzel](https://www.linkedin.com/in/rachelkruzel)

# Today's Agenda

**AT & Accessible  
Course Materials**

**Tools of Support**

**Questions &  
Discussion**

**Creation &  
Consumption**

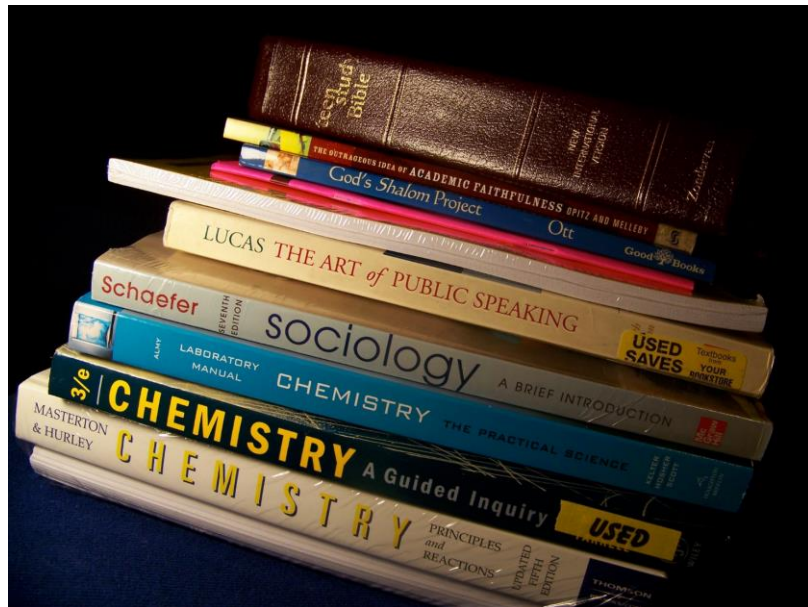
**Through the  
Eyes of...**

# **Assistive Technology & Accessible Course Materials**

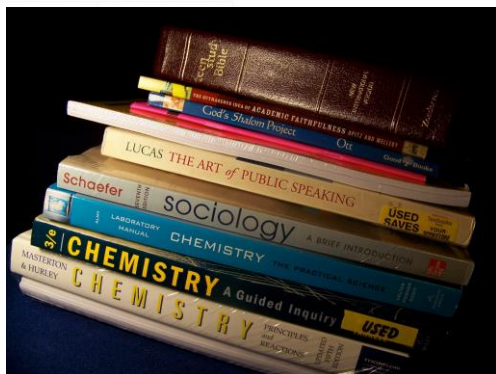
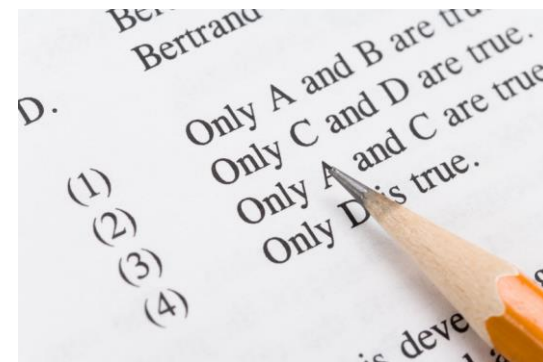
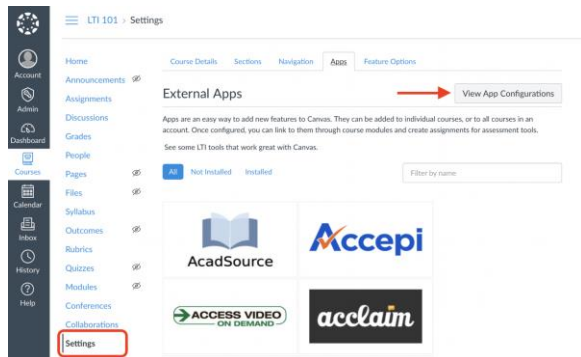
# Evolution of Technology

- Rapid development of technology
- Access and attainability
- Cloud-based versus installations
- Digital literacy
- Critical thinking and problem solving
- How users interact with course materials and technology

# Course Materials Then



# Course Materials Now



# Challenges We Encounter

- Budgetary
- Staffing
- Expertise
- Bandwidth
- Buy-in
- Impact of disability versus diagnosis



Finding a tool or suite of tools that meets our institutions, our students and our staff **where they are at** based on the **challenges we are all facing** is key for sustainable practice and support moving forward.

# Common AT Needs of Learners

- Holistic support around literacy - not just reading
- Reading/writing interplay
  - Need to assume impacts to both key areas of literacy
- Writing support tools and support reaching and creating content
- Disability categories with executive functioning impacts

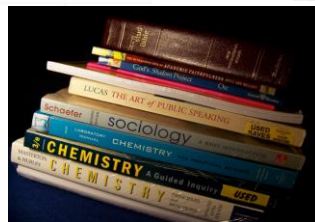
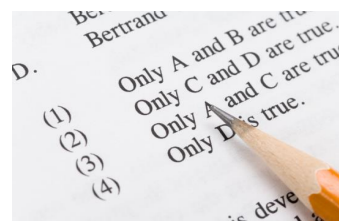
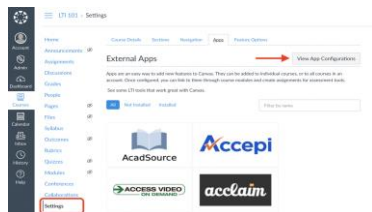
# Ensuring Accessibility & Access

- Global, holistic, nimble support
  - Scope of all content
  - Breadth of all content
  - Depth of all content
- Ease of adoption/onboarding

# Leveraging the Continuum of a Learner



# Leveraging the Use of a Single Tool(s)



# Creation & Consumption

# Consumption - Necessary Components

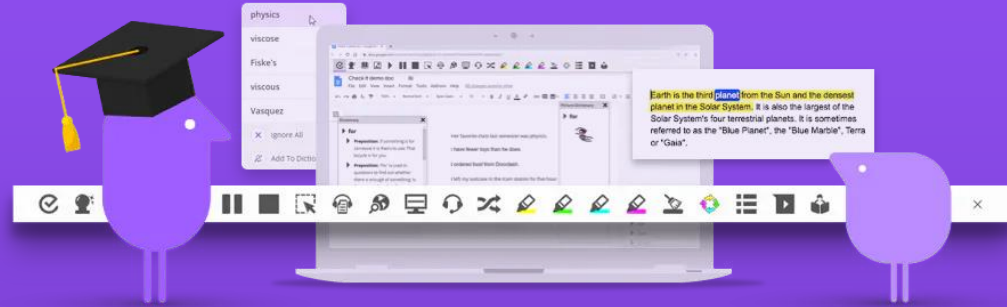
- Read & interact with text based content
  - Variability of content types
  - STEM content
- Create written content
- Ability to create/interact with STEM content

# Creation - Necessary Components

- Optical Character Recognition
  - Staff/professional/faculty
  - Student
- Basic PDF editing
- Remediation of STEM Content



# Tools of Support



## Help students understand, engage and express themselves

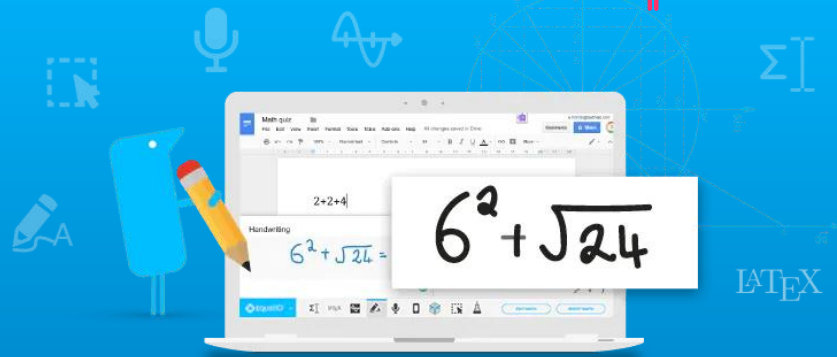
Read&Write is a literacy support tool that offers help with everyday tasks like reading text out loud, understanding unfamiliar words, researching assignments and proofing written work.



# Create, convert, connect: Take your documents to the next level

OrbitNote allows you to transform and interact with documents in a completely different way. Create an accessible, dynamic and collaborative space that works for everyone.





## Make math digital

Equatio allows you to create equations, formulas, and more, digitally. Helping to make math and STEM classes more accessible and engaging for every student.

# Through the Eyes Of

# A Student

- Read&Write to read all text based content in variety of places
  - Reads STEM content created with Equatio
- Read PDF files with OrbitNote
  - Independent OCR capability
- Ability to write text based content with Read&Write
  - Ability to create STEM based content with Equatio

# Let's Take a Peek - Student



# Staff - Remediation, Alt. Format, DS

- Independent access to course content
- Ease of distribution of remediated files using Google Drive or OneDrive
- OCR & basic PDF editing with OrbitNote
- Creation and remediation of STEM content with Equatio



# Let's Take a Peek - Staff



# A Faculty Member

- Independent access to OCR tool with OrbitNote
- Creation and remediation of STEM content with Equatio
- Feedback and collaboration with OrbitNote

# Let's Take a Peek - Faculty



# Questions & Discussion

# Let's Connect!



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