Technological Trends for Educators and Learning Institutions

1. Use of AI

**Introduction to AI deck:**

<https://www.canva.com/design/DAFpb7YBUo0/mIeUnAZQ3DCyKGHwe3z_uw/edit?utm_content=DAFpb7YBUo0&utm_campaign=designshare&utm_medium=link2&utm_source=sharebutton>

**AI Tools for Research and Writing**

Zotero - Reference manager that helps researchers organize sources.

<https://www.zotero.org/>

Grammarly - Writing assistant that checks grammar, style, and tone.

<https://www.grammarly.com/>

QuillBot - Paraphrasing tool for rephrasing sentences and improving writing.

<https://quillbot.com/>

Ref-N-Write - AI-based academic writing assistant for research and writing.

<https://www.ref-n-write.com/>

DeepL - Advanced AI-powered translation for research and education. (Free Trial)

<https://www.deepl.com/>

Legal Research

<https://anycase.ai/>

**AI Tools for Note-Taking and Organization**

Sider.AI Audio to Text (Ex. YouTube summary)

<https://sider.ai/>

**AI Tools for Language Learning and Tutoring**

Duolingo - Language learning app with gamified AI lessons.

<https://www.duolingo.com/>

Speechify - Text-to-speech app useful for auditory learners and reading support.

<https://speechify.com/>

Readlang - Reading tool that translates words and phrases while reading.

<https://readlang.com/>

Elsa Speak - AI-powered app for improving English pronunciation.

<https://elsaspeak.com/>

**AI Tools for Interactive Education and STEM**

Wolfram Alpha - Computational engine for math, science, and general knowledge.

<https://www.wolframalpha.com/>

Desmos - Interactive graphing calculator suitable for math educators.

<https://www.desmos.com/>

GeoGebra - Interactive geometry, algebra, and calculus tools.

<https://www.geogebra.org/>

Khan Academy - Online educational resource with AI-powered personalized learning.

<https://www.khanacademy.org/>

Virtual lab simulations for science students.

<https://phet.colorado.edu/>

<https://chemcollective.org/>

Home Economics sites

<https://www.eatthismuch.com/>

Canva - Online design tool with templates for presentations, infographics, and more.

<https://www.canva.com/>

Lumen5 - Converts text into video content, perfect for creating engaging presentations.

<https://lumen5.com/>

Canva – presentations and more

<https://www.canva.com/>

Visme – presentations with ai

<https://www.visme.co/>

SlidesAI - AI-powered tool that generates slides from text input.

<https://www.slidesai.io/>

Beautiful.ai - AI-driven presentation maker that helps structure and visualize ideas.

<https://www.beautiful.ai/>

**AI Tools for Studying and Knowledge Retention**

Anki - Flashcard app with spaced repetition for effective studying.

<https://apps.ankiweb.net/>

Quizlet - Flashcard-based study tool with AI-powered learning modes.

<https://quizlet.com/>

Brainly - Homework help community powered by AI and crowdsourced answers.

<https://brainly.com/>

Socratic by Google - AI-powered homework help app that provides explanations and answers.

<https://socratic.org/>

Knowt - AI-powered note-taking and flashcard app that transforms notes into quizzes.

<https://knowt.io/>

**AI Tools for Creative and Art Projects**

DALL-E - AI tool by OpenAI for generating images from textual descriptions.

<https://openai.com/dall-e>

Soundraw - AI-powered music generator, useful for creating background music.

<https://soundraw.io/>

DeepArt - Turns photos into artwork using AI style transfers.

<https://deepart.io/>

Runway ML - AI tool for creating video and image projects.

<https://runwayml.com/>

Magenta Studio - AI-based music composition tools from Google.

<https://magenta.tensorflow.org/studio>

**AI Tools Collection**

<https://galaxy.ai/tools>

<https://www.insidr.ai/ai-tools/>

1. Going Paperless
2. Cloud Migration, System Centralization and Integration
3. Automation
4. \*More resources that could help

* Managing Facebook and Google SSO/OAuth Authorizations
* Checking stored browser passwords
* Using a password manager
* Managing Browser Extensions
* Using Github