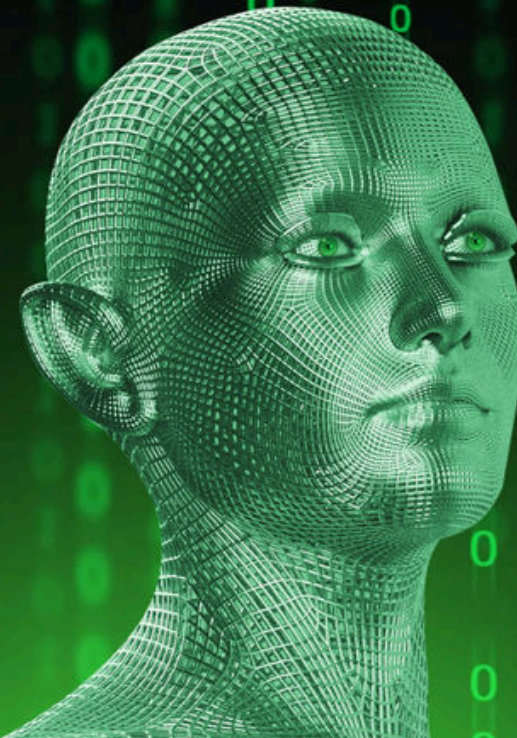


# AI TOOLS FOR TEACHERS

BY MED KHARBACH, PHD

2025

**Free Guide**



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— “ —————

We have invented technologies, from axes to helicopters, that boost our physical capabilities; and others, like spreadsheets, that automate complex tasks; but we have never built a generally applicable technology that can boost our intelligence. Now humans have access to a tool that can emulate how we think and write, acting as a co-intelligence to improve (or replace) our work.

————— ” ” —————

Mollick, Ethan. Co-Intelligence: Living and Working with AI (pp. xix-xx). Penguin Publishing Group. Kindle Edition.

# Outline

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## Introduction

Since November 2022, when ChatGPT was first released to the public, generative AI has rapidly transformed the way we teach, learn, and interact with educational content. I know a sizeable portion of teachers and educators still doubt AI's relevance and worry about its impact on education. Skepticism, as history shows us (e.g., see Ong, 1982)<sup>1</sup>, is a natural response to any new technology, from the invention of writing to the rise of the printing press and, more recently, the advent of the internet. Almost all of these new technologies followed the same path: initial resistance, followed by cautionary adoption, and eventually widespread integration as their benefits became clear.

AI is no exception! Within a very short period of time, AI and ChatGPT became household terms. Everywhere you go, you hear discussions about AI's potential, its risks, and its applications across industries. In education, this buzz is especially significant as teachers, schools, and institutions are still trying to come to terms with how to effectively integrate AI while also addressing concerns about ethics, equity, bias, and more.

I know through your feedback on my social media profiles and blog posts that several of you have legitimate concerns about the impact of AI in education, especially those related to data privacy, academic dishonesty, and plagiarism.

**1.** Ong, W. (1982). *Orality and Literacy: The Technologizing of the Word*. Routledge.

While these concerns are valid and deserve careful consideration, it's also important to explore the potential benefits AI can bring when used thoughtfully. Tools such as ChatGPT and Claude are like smart research assistants that are available 24/7 to support you with all kinds of tasks from drafting detailed lesson plans, creating differentiated materials, generating classroom activities, to summarizing and simplifying complex topics. Likewise, students can use them to enhance their learning by, for instance, brainstorming ideas for research projects, generating constructive feedback on assignments, practicing problem-solving in a guided way, and much more.

The point here is that AI is here to stay and expand, and we better learn how to use it thoughtfully and responsibly rather than avoid it out of fear or skepticism. One way to make the best of generative AI is to understand how to communicate with it more effectively using well-crafted prompts. Hence the importance of **prompt engineering**. This is the practice of writing well-structured and precise inputs to guide AI generators to produce outputs with a higher level of accuracy. I have written an entire book on this subject entitled [ChatGPT for Teachers: Mastering the Skill of Crafting Effective Prompts](#).

Another way of leveraging the potential of AI in education is by having access to the 'appropriate' educational AI tools to use in your teaching. There are now tons of AI tools out there, and it is really sad that the market is being saturated with tools that often overpromise and underdeliver, leaving many teachers frustrated and skeptical.

I know this from my own experience reviewing educational AI tools and seeing how many tools fail to live up to their claims. And this is where the current guide proves helpful. In it, I featured a wide variety of AI tools I handpicked and reviewed in my blog. I did the heavy lifting of sifting through, testing, and evaluating piles of AI tools to come up with a distilled list of the most reliable and effective options for educators. And no, I am not affiliated with any of these tools, so you can trust that my recommendations are unbiased and based solely on their value and performance.

The purpose is to provide you with a free and easily accessible guide to help you integrate AI into your instruction. Needless to mention, the multiple caveats you need to keep in mind as you interact and use AI tools. I won't go into details about these caveats here (my upcoming book on **AI for Student Researchers** addresses them comprehensively), but suffice it to say that you should always edit, verify, and fact-check anything AI-generated.

Finally, I have spent several days carefully researching, testing, and compiling this guide to ensure it provides you with valuable, practical tools to integrate AI effectively into your teaching. While I'm offering this guide as a free resource for you to download and use in your instruction, I kindly ask that you contact me if you wish to use it for any other purpose other than educational. Your understanding and support mean a lot and help me continue creating free, high-quality resources for educators.

*Med Kharbach, PhD*

January 7, 2025



# AI Presentation Makers


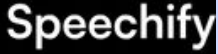






(All tools in this guide are hyperlinked)

AI Tools	Description
 <b><u>Almanack</u></b>	Offers EduSlides, a tool to generate themed slide decks from various resources like files, videos, and URLs.
 <b><u>Curipod</u></b>	AI-powered platform for creating interactive lesson slides, with features like “Curify my Slides” to transform existing presentations.
 <b><u>Brisk Teaching</u></b>	AI Chrome extension to turn online content into educational materials, including slides, directly in your browser.
 <b><u>Eduaide</u></b>	Provides detailed slide outlines with ideas and questions to develop into full presentations using other AI tools.
 <b><u>Canva AI</u></b>	Easy-to-use tool for creating visually rich presentations using Magic Design and Magic Write features.
 <b><u>Diffit</u></b>	Generates detailed educational resources, including customizable slides, from topics or standards.
 <b><u>MagicSlides</u></b>	AI platform offering tools to create PowerPoint slides from various sources like PDFs, keywords, and YouTube videos.
 <b><u>Slidesgo</u></b>	AI tool to generate editable presentations with customizable styles, tones, and slide counts.
 <b><u>Beautify</u></b>	AI-driven presentation tool that helps you design professional-looking slides with smart templates and automation.
 <b><u>Slides AI</u></b>	Google Slides add-on for creating AI-generated presentations with editable text and images.



# AI Text to Speech Tools




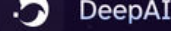



(All tools in this guide are hyperlinked)

AI Tools	Description
 <b>Elevenlabs</b>	Offers natural voices in 30+ languages, voice changer, and dubbing tools.
 <b>Speechify</b>	Reads text with celebrity voices; includes an AI summarizer and mobile photo-to-text feature.
 <b>NaturalReader</b>	Supports 90+ languages, voice cloning, and browser integration.
 <b>LOVO</b>	Generates voiceovers in 100+ languages with customizable accents.
 <b>Speech Central</b>	Reads articles with RSS support.
 <b>Murf</b>	Provides 200+ voices, emotional nuances, and voiceovers for presentations.
 <b>Resemble AI</b>	Creates realistic voiceovers and allows voice cloning for unique projects.
 <b>Play.ht</b>	Offers lifelike voice generation for podcasts and professional projects.










# AI Lesson Plan Creation Tools

AI Tools	Description
 <b><u>Almanack</u></b>	Generate lesson plans with slides, worksheets, and tailored activities.
 <b><u>Curipod</u></b>	Create interactive lessons by typing a topic or uploading a document.
 <b><u>Brisk Teaching</u></b>	Turn online resources into lessons, presentations, and engaging activities.
 <b><u>Eduaide</u></b>	Generate lesson plans, activities, and assessments with over 150 AI-powered tools.
 <b><u>MagicSchool</u></b>	Access 60+ AI tools like lesson plan generators and customized rubrics.
 <b><u>Diffit</u></b>	Quickly differentiate instructional materials like worksheets and quizzes to suit various learning levels.
 <b><u>Twee</u></b>	Simplifies lesson planning with interactive templates and content ideas for teachers.
 <b><u>Claude</u></b>	AI tool to generate editable presentations with customizable styles, tones, and slide counts.
 <b><u>ChatGPT</u></b>	AI-driven presentation tool that helps you design professional-looking slides with smart templates and automation.
 <b><u>Edcafe</u></b>	A platform for creating student-centered discussion activities and lesson ideas, fostering collaboration and critical thinking.

# AI Text to Image Tools

AI Tools	Description
 <b>Midjourney</b>	Generate beautiful visuals and images using text or image prompts
 <b>DALL-E</b>	Create stunning visuals with seamless ChatGPT integration and editing tools.
 <b>Freepik</b>	Offers artistic styles and custom parameters for detailed visuals.
 <b>Leonardo</b>	Includes style referencing, prompt generation, and aesthetic control.
 <b>Deep AI</b>	Features diverse art styles like Anime, Renaissance, and Pop Art.
 <b>Bing Image</b>	Instantly generate images directly in Bing with descriptive prompts.
 <b>FOTOR</b>	Converts text or images into visuals with batch creation options.
 <b>Night Cafe</b>	Creates stunning digital artwork from text prompts or images.
 <b>Canva AI</b>	Canva's Text to Image tool transforms your text prompts into unique, customizable visuals

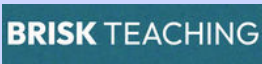





# AI Video Tools

AI Tools	Description
 <b>invideo AI</b> <u><b>Invideo</b></u>	Turn text into videos with pre-designed templates and collaborative tools.
 <b>synthesia</b> <u><b>Synthesia</b></u>	Create videos with AI avatars and lifelike voiceovers in 100+ languages.
 <b>lumen5</b> <u><b>Lumen5</b></u>	Convert blogs or text into videos with automated scene matching.
 <b>PICTORY™</b> <u><b>Pictory</b></u>	Add captions, transcribe, and create instructional videos from web content.
 <b>Vidnoz</b> <u><b>Vidnoz AI</b></u>	Generate videos with customizable virtual characters and creative templates.
 <b>Sora</b> <u><b>SORA</b></u>	Transform text into animated videos with a focus on storytelling and education.
 <b>Fliki</b> <u><b>Fliki</b></u>	Convert text into professional videos with realistic voiceovers in multiple languages.
 <b>VEED</b> <u><b>Veed</b></u>	Edit and enhance videos with text-to-video tools, subtitles, and creative templates
 <b>Adobe Firefly</b> <u><b>Adobe Firefly</b></u>	Transform text or photos into stunning videos for pitches, b-roll, and effects.









# AI Chrome Extensions for Teachers

AI Tools	Description
 <b><u>Merlin</u></b>	Chat and research with AI models, videos, and documents seamlessly.
 <b><u>Text Blaze</u></b>	Save time with smart text templates and shortcuts for repetitive tasks.
 <b><u>Monica</u></b>	Your versatile AI assistant for writing, translating, drawing, and more.
 <b><u>Eightify</u></b>	Summarize YouTube videos with timestamps and extract key insights.
 <b><u>Grammarly</u></b>	Enhance writing with AI-powered grammar, clarity, and style suggestions.
 <b><u>Answer AI</u></b>	Highlight questions to generate step-by-step answers and solutions.
 <b><u>Brisk Teaching</u></b>	Create lessons, quizzes, and feedback integrated with Google tools.
 <b><u>MagicSchool</u></b>	Access 50+ AI tools for lesson plans, rubrics, quizzes, and feedback.
 <b><u>quizizz</u></b>	Generate quizzes and assignments from any webpage or document.

# AI Tools for Adjusting Reading Levels








AI Tools	Description
 <b><u>Brisk Teaching</u></b>	Adjust web page reading levels and save the modified text to Google Docs.
 <b><u>Lexile Tool by Eduaide</u></b>	Simplify or increase text complexity for any reading level using Lexile Increaser or Decreaser tools.
 <b><u>Diffit</u></b>	Adapt texts to any reading level and generate tailored teaching materials like quizzes and summaries.
 <b><u>Almanack</u></b>	Use the Lexile Level Adjuster to convert texts into grade-appropriate levels and create lesson bundles.
 <b><u>Twee</u></b>	Customize reading passages to specific Lexile levels, enhancing accessibility for diverse learners.
 <b><u>Rewordify</u></b>	Simplifies complex English text for struggling readers, while maintaining original meaning.

# AI Academic Search Engines



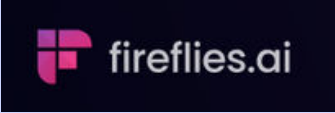



AI Tools	Description
 <b>CONNECTED PAPERS</b>	Visualizes connections between papers, helping to identify trends and build bibliographies.
 <b>ResearchRabbit</b>	Maps paper connections using seed papers and visualizes them with customizable graphs.
 <b>scite_</b>	Analyzes citation context, offering citation checking, reference management, and citation network visualizations.
 <b>Discovery</b> by Editage	Customizable research feeds with a 'Similar Papers' feature and a Q&A bot for real-time interactions.
 <b>Elicit</b>	Offers insights from papers with customizable filters and a library to organize research.
 <b>Consensus</b>	Synthesizes insights from papers with summaries, advanced filters, and quality indicators for efficient literature reviews.
 <b>perplexity</b>	Multiple AI models with cited responses, file analysis, and visualization tools like DALL-E.
 <b>SEMANTIC SCHOLAR</b>	AI-powered search with filters, TLDR summaries, and citation analysis to find relevant research quickly.










# AI Tools to Chat with PDFs

AI Tools	Description
	<p>Upload multiple PDFs, synthesize insights, compare info, and generate summaries, perfect for literature reviews.</p>
 <p><b>AI Chatbots</b> (e.g., ChatGPT, Claude AD)</p>	<p>Upload PDFs, ask questions, extract key info, generate summaries, and get citations for quick research insights.</p>
	<p>Upload PDFs, interact by asking questions, and generate summaries. Unique audio feature creates podcasts hosted by two AI agents.</p>
	<p>Instant summaries for research papers, plus chat features to explain figures, tables, and ask questions.</p>
	<p>Upload PDFs, ask questions, get summaries, and organize documents. Supports multiple PDFs in one conversation.</p>
	<p>Instant summaries, key insights, and OCR support for image-based PDFs. Multi-language support and a browser extension.</p>
	<p>Upload PDFs, get summaries, ask questions with citations, and explore related papers and methods.</p>







# AI Meeting Assistants

AI Tools	Description
	<p>Records meetings, generates transcripts, and summarizes key points. It offers real-time translation and integrates with Google Meet, Teams, Zoom, ETC.</p>
	<p>Records, transcribes, and highlights key points. It integrates with Slack, Google Docs, and supports 28 languages.</p>
	<p>Transcribes and summarizes meetings, offering AI search to find key information quickly. It works with Google Meet, Teams, Zoom, and more.</p>
	<p>Zoom AI Companion drafts emails, summarizes meetings, and provides smart recordings. It requires a paid Zoom subscription.</p>
	<p>Offers real-time transcription, action item tracking, and speaker identification. It integrates with Zoom, Google Meet, Teams, and is available as a mobile app.</p>
	<p>Provides real-time feedback on speaking times, gender balance, and participant engagement. Auto-generates transcripts, action items, and meeting summaries</p>





# AI Writing Assistants

AI Tools	Description
 <b><u>ChatGPT</u></b>	<p>A popular AI tool offering human-like text generation, document analysis, audio typing, and AI-powered search through ChatGPT Search.</p>
 <b><u>Claude</u></b>	<p>Known for summarizing papers, generating abstracts, and assisting with critical analysis, Claude is perfect for research and academic tasks.</p>
 <b><u>Gemini</u></b>	<p>Google's AI chatbot, integrated into Google's ecosystem, excels at text summarization, data analysis, image generation, and audio processing.</p>
 <b><u>Copilot</u></b>	<p>It enhances productivity with AI-powered assistance integrated into Microsoft Edge for tasks like summarizing web pages and generating insights.</p>
 <b><u>Perplexity AI</u></b>	<p>An AI-powered chatbot that provides cited responses, making it ideal for research. It supports file uploads, allows for in-depth document analysis, and offers advanced AI search functionalities.</p>
 <b><u>Writesonic</u></b>	<p>WriteSonic offers a chatbot, over 100 templates, and tools for paraphrasing, text expanding, article summarizing, and more.</p>
 <b><u>Rytr</u></b>	<p>A fast AI writing assistant with templates for various writing needs, over 20 tones of voice, plagiarism checking, and text improvement features.</p>




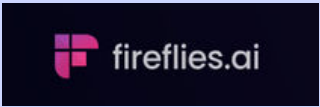
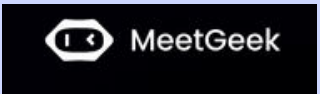



# AI Checkers

AI Tools	Description
	<p>Detects AI content, checks for plagiarism, scans websites and images, and provides readability scores. Free plan for up to 2000 words.</p>
	<p>Detects AI content from major models, with a Chrome extension, plagiarism checker, and AI content scanning on websites. Free and paid plans available.</p>
	<p>Offers AI detection, plagiarism checker, paragraph rewriting, and a "Recreate" tool to humanize AI content. 5 free uses weekly.</p>
	<p>Provides AI content detection with probability scores, plagiarism scan, and multi-language support. Free plan for up to 10,000 words.</p>
	<p>Free AI checker with no signup, detecting AI-generated text and offering paragraph-level feedback and multilingual support.</p>
	<p>Accurate AI detection, plagiarism checking, text comparison, OCR, and file uploads. Chrome extension and collaborative report features.</p>

# AI Translators

AI Tools	Description
	<p>A free tool supporting 103 languages with contextual translations, audio and image translations, and automatic language detection. Includes a conversation mode for mobile.</p>
	<p>Uses neural networks for highly accurate translations in 35 languages. Features text-to-speech, alternative translations, document translation with formatting, and tone adjustments. DeepL Pro supports larger files and unlimited translations.</p>
	<p>Translates text in 60 languages with real-time, audio, and offline support. Includes conversation mode and photo translation through the mobile app.</p>
	<p>Specializes in large volumes of user-generated content with deep learning techniques for natural-sounding translations in over 5000 language combinations.</p>
	<p>ChatGPT and Claude provide multi-language support, offering translations with context to bridge language barriers for personal, academic, and business use.</p>
	<p>Supports over 100 languages for text, website, and conversation translation. Features voice recognition, autocomplete, and an instant camera tool for image translations. Offers offline translation in 4 languages.</p>

# AI Transcription Tools

AI Tools	Description
	High-accuracy transcription with search functionality and document uploads. Offers human transcription for added precision.
	Real-time transcription with note-taking, slide capturing, and automatic summaries. emailed to participants.
	Multi-language transcription with speaker labeling, timecode realignment, and customizable dictionaries.
	Transcribes meetings, analyzes conversations, and creates AI-generated summaries.
	AI-powered meeting assistant that transcribes, records, and summarizes meetings.
	Converts audio and video into accurate transcripts, offers subtitle creation, and supports automatic translations in 20 languages.
	Transcription with custom formatting, ADA compliance, and integrations with platforms like Zoom, Twitch, and YouTube for live captioning and translations.
	Transcribes and analyzes audio/video, extracting key phrases and performing sentiment analysis.

# About the author



Med Kharbach, PhD, is the editor of [www.educatorstechnology.com](http://www.educatorstechnology.com). A seasoned educator with over 13 years of classroom experience, Med earned his doctorate in Educational Studies from Mount Saint Vincent University in Halifax, Canada. His scholarly work includes numerous publications in prestigious peer-reviewed journals, alongside co-authoring several impactful book chapters. Med's latest work is a book titled [ChaGPT for Teachers: Mastering the Skill of Crafting Effective Prompts](#). Currently, Med's research is passionately focused on exploring the integration and implications of AI in education. Med is currently working on a book on the use of AI in academic research.

Connect with Med on:

