



Updated 1/9/24

The Montana Digital Academy staff¹ maintains this document. Do you need assistance with these tools? Contact our staff at support@mtda.org. You can access this document for links with the QR code above or at the short link <http://mtda.link/ai4policymakers>.

Play with at least one of these general **AI text generation tools** for 30 minutes to get a sense of how it works:

- [ChatGPT from OpenAI](#) (the original and most talked about; the basic version is free while the “pro version” is \$20 a month; many feel that the “pro” version is worth the monthly expense)
- [CoPilot from Microsoft](#) (ChatGPT backs CoPilot without the cost; it also has a great mobile app)
- [Claude 2 from Anthropic](#) (like ChatGPT, but with more protections built-in; the basic version is free; it has magic powers with processing documents!)
- [Google Bard](#) (Google’s competitor; the version features their latest, high-function model)

Play with at least one of these **image-generation tools** for 30 minutes to get a sense of how it works:

- [DALL-E](#) (image generator; version 2 is free, and the much better version 3 is available with a ChatGPT pro license)
- [Microsoft Designer](#) (free image generation using the latest models from ChatGPT)
- [Midjourney](#) (considered by many to be the most advanced image generator; no free version)
- [Ideogram](#) (next-level image generator set up as a social network; free version is solid)

Play with at least one of these **education-focused tools** to get a sense of

- [Magic School](#) (the best comprehensive educational tool I have seen thus far; there is a free tier and a paid tier)
- [PlnwheelGPT](#): (this interesting model is aimed at children monitored by parents. The free tier is limited but is an interesting demonstration)
- [Khanmigo](#): (Khan Academy’s attempt at an AI study tutor)

¹ MTDA’s staff engaged in AI exploration includes Jason Neiffer (jason@mtda.org), Caitlin Byers (caitlin@mtda.org), and Mike Agostinelli (mike@mtda.org).

Other Resources

Collaboration with Educators from Montana and Beyond

In 2023, Montana Digital Academy started hosting twice-monthly “drop-in” discussion hours to engage in AI and learning. Jason and Caitlin from MTDA facilitate these conversations. So far, we have over 100 educators from 8 states signed up. You are invited to attend! Sign up for notifications [here](#).

Free Courses or Videos About AI

- Online Course: [Introduction to Generative AI](#) (Google Cloud Skills Boost)
- Online Course: [Microsoft Azure AI Fundamentals: Generative AI](#) (Microsoft)
- Learning Modules: [Harvard’s AI Pedagogy Project](#)
- [Intro to Large Language Models](#): “The busy person’s intro to LLMs” (Andrej Karpathy, YouTube)

All About Prompting

[Think about prompting as a “natural language” programming language.]

- [Awesome GPT Prompts](#)
- [Prompt Engineering Guide](#)
- [PromptPerfect](#)
- [AI in Education Prompting Library](#)
- Online Class: [Foundations of Prompt Engineering](#) (AWS)
- Online Class: [ChatGPT Prompt Engineering for Developers](#) (DeepLearning)

Other Interesting Tools That Could Be Of Use To You

- [WhisperMemos](#): Talk to your phone, get a transcript in your email (iOS Only)
- [Glasp](#): YouTube → ChatGPT Plugin for Chrome
- [Research Rabbit](#): An advanced platform for finding and using scientific and scholarly literature
- [Perplexity.AI](#): a toolset for deep and thoughtful research