AI TOOLS GUIDE FOR EDUCATORS

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Introduction

This guide offers support for educators and professionals in utilizing AI and Generative AI tools for teaching, learning, and professional development.

What's the Difference Between AI and Generative AI?

- **AI Tools**: These tools use artificial intelligence to analyze data, automate tasks, or provide insights. Examples include grading automation (Gradescope) and transcription (Otter.ai).
- **Generative AI Tools**: These tools create new content, such as lesson plans, images, or presentations. Examples include ChatGPT (text generation) and Canva's Magic Write (design and content creation).

Both types of tools can save time, enhance creativity, and improve outcomes in the classroom. This guide includes a mix of both to help you find the right tools for your needs.

Getting Started with AI Tools

- **Start Small**: Choose one category (e.g., Lesson Planning) and experiment with a free tool.
- **Collaborate**: Share your experiences with colleagues to learn together.
- **Iterate**: Refine your use of tools over time to suit your teaching style and students' needs.

1. Lesson Planning

AI tools to help educators create engaging, personalized, and efficient lesson plans.

- **Tool**: ChatGPT (OpenAI) *(Generative AI)*
  - **Pricing**: Free (basic), Paid (ChatGPT Plus - $20/month)
  - **Description**: Generate lesson ideas, create outlines, and brainstorm creative activities. Perfect for drafting plans quickly.
  - **URL**: https://openai.com/chatgpt
- **Tool**: Curipod *(Generative AI)*
  - **Pricing**: Free (basic), Paid (Premium plans available)
  - **Description**: Create interactive lessons with AI-generated content, polls, and discussions. Great for student engagement.
  - **URL**: https://curipod.com/
- **Tool**: Education Copilot *(Generative AI)*
  - **Pricing**: Free trial, Paid (starting at $9/month)
  - **Description**: AI-powered lesson plan generator that creates templates, handouts, and slides in minutes.
  - **URL**: https://www.educationcopilot.com/

2. Assessment and Feedback

AI tools to streamline grading, provide personalized feedback, and assess student progress.

- **Tool**: Gradescope *(AI)*
    - **Pricing**: Paid (contact for pricing)
    - **Description**: Automates grading for assignments and exams, supports rubrics, and provides detailed analytics.
    - **URL**: https://www.gradescope.com/
- **Tool**: Turnitin (with AI features) *(AI)*
    - **Pricing**: Paid (contact for pricing)
    - **Description**: Detects plagiarism and provides AI-powered feedback on writing assignments.
    - **URL**: https://www.turnitin.com/
- **Tool**: Kaiden *(AI)*
    - **Pricing**: Free (basic), Paid (Premium plans available)
    - **Description**: AI-driven platform for creating quizzes, assessments, and providing instant feedback to students.
    - **URL**: https://www.kaiden.ai/

3. Teaching and Learning Material Design

AI tools to create visually engaging and effective teaching materials.

- **Tool**: Canva *(Generative AI)*
    - **Pricing**: Free (basic), Paid (Pro - $12.99/month)
    - **Description**: AI-powered design tool for creating presentations, posters, infographics, and classroom materials.
    - **URL**: https://www.canva.com/

- **Tool**: Adobe Express (with Firefly AI) *(Generative AI)*
  - **Pricing**: Free (basic), Paid (Premium plans available)
  - **Description**: Create stunning graphics, videos, and web pages with AI-powered design tools.
  - **URL**: https://www.adobe.com/express/
- **Tool**: Gamma *(Generative AI)*
  - **Pricing**: Free (basic), Paid (Premium plans available)
  - **Description**: AI-powered tool for creating interactive presentations, documents, and web pages.
  - **URL**: https://gamma.app/
- **Tool**: MidJourney *(Generative AI)*
  - **Pricing**: Paid (subscription-based)
  - **Description**: AI image generator for creating custom visuals, illustrations, and creative assets.
  - **URL**: https://www.midjourney.com/

4. Student Engagement and Interaction

AI tools to make learning interactive, fun, and personalized.

- **Tool**: ClassPoint AI *(AI)*
  - **Pricing**: Free (basic), Paid (Premium plans available)
  - **Description**: Adds interactive quizzes, polls, and games to PowerPoint presentations.
  - **URL**: https://www.classpoint.io/
- **Tool**: Socratic by Google *(AI)*
  - **Pricing**: Free
  - **Description**: Helps students with homework by providing explanations, videos, and step-by-step solutions.
  - **URL**: https://socratic.org/

- **Tool**: Quizizz *(AI)*
    - **Pricing**: Free (basic), Paid (Premium plans available)
    - **Description**: Create gamified quizzes and interactive lessons that students can complete at their own pace.
    - **URL**: https://quizizz.com/

5. Professional Development and Growth

AI tools to help educators upskill, stay updated, and grow professionally.
- **Tool**: Coursera (AI courses) *(AI)*
    - **Pricing**: Free (audit), Paid (certificates and specializations)
    - **Description**: Offers AI and education-related courses from top universities to help educators stay ahead.
    - **URL**: https://www.coursera.org/
- **Tool**: LinkedIn Learning (AI for Educators) *(AI)*
    - **Pricing**: Paid (subscription-based)
    - **Description**: Provides courses on AI tools, teaching strategies, and tech integration for educators.
    - **URL**: https://www.linkedin.com/learning/
- **Tool**: Edthena *(AI)*
    - **Pricing**: Paid (contact for pricing)
    - **Description**: AI-powered platform for video-based coaching and professional development.
    - **URL**: https://www.edthena.com/

6. Administrative Support

AI tools to help educators save time on administrative tasks.

- **Tool**: MagicSchool AI *(Generative AI)*
    - **Pricing**: Free (basic), Paid (Premium plans available)
    - **Description**: Automates tasks like email drafting, scheduling, and generating reports.
    - **URL**: https://www.magicschool.ai/
- **Tool**: Otter.ai *(AI)*
    - **Pricing**: Free (basic), Paid (Premium plans available)
    - **Description**: Transcribes meetings, lectures, and discussions in real-time, making note-taking effortless.
    - **URL**: https://otter.ai/

7. Special Education and Accessibility

AI tools to support diverse learners and create inclusive classrooms.

- **Tool**: Microsoft Immersive Reader *(AI)*
    - **Pricing**: Free
    - **Description**: AI-powered tool that improves reading comprehension for students with dyslexia or visual impairments.
    - **URL**: https://www.microsoft.com/en-us/education/products/learning-tools
- **Tool**: Sonocent *(AI)*
    - **Pricing**: Paid (contact for pricing)
    - **Description**: Audio note-taking tool that helps students with learning disabilities capture and organize information.
    - **URL**: https://sonocent.com/

- **Tool**: Read&Write by Texthelp *(AI)*
  - **Pricing**: Free trial, Paid (subscription-based)
  - **Description**: Literacy support tool with text-to-speech, word prediction, and translation features.
  - **URL**: https://www.texthelp.com/products/read-and-write-education/

8. Creative and Project-Based Learning

AI tools to inspire creativity and project-based learning.

- **Tool**: Runway ML *(Generative AI)*
  - **Pricing**: Free (basic), Paid (Premium plans available)
  - **Description**: AI-powered creative suite for video editing, image generation, and multimedia projects.
  - **URL**: https://runwayml.com/
- **Tool**: Adobe Firefly *(Generative AI)*
  - **Pricing**: Free (beta), Paid (Premium plans available)
  - **Description**: AI-powered tool for generating images, templates, and designs for creative projects.
  - **URL**: https://www.adobe.com/sensei/generative-ai/firefly.html

9. Language Learning and Translation

AI tools to support multilingual classrooms and language learning.

- **Tool**: Duolingo *(AI)*
  - **Pricing**: Free (basic), Paid (Plus - $6.99/month)
  - **Description**: Gamified language learning app with AI-driven personalized lessons.
  - **URL**: https://www.duolingo.com/

- **Tool**: Google Translate *(AI)*
    - **Pricing**: Free
    - **Description**: Real-time translation tool for text, speech, and images.
    - **URL**: https://translate.google.com/
- **Tool**: Rosetta Stone *(AI)*
    - **Pricing**: Paid (subscription-based)
    - **Description**: AI-powered language learning platform with immersive lessons.
    - **URL**: https://www.rosettastone.com/

How to Use This Guide

- **Explore**: Browse tools by category to find what suits your needs.
- **Experiment**: Try free versions or trials to see what works best for your classroom.
- **Share**: Collaborate with colleagues to discover new tools and strategies.