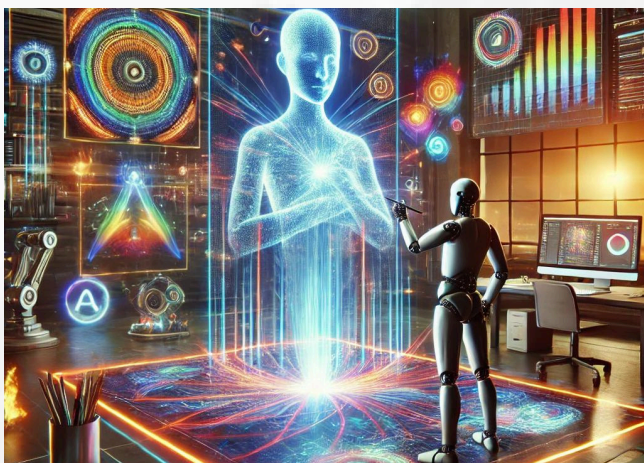# AI TOOLS FOR K-12 TEACHERS

EMPOWERING EDUCATORS WITH AI TECHNOLOGY

WELCOME TO THE FUTURE OF TEACHING WITH AI

AI tools are changing how teachers teach and students learn. They can enhance creativity, efficiency, and engagement in the classroom.

IMAGE CREATION

- <u>Adobe Firefly</u>: Create and edit stunning visuals with simple text prompts, perfect for making presentations more engaging.
- <u>Midjourney</u>: Generate artwork from textual descriptions, allowing students to explore imaginative concepts in a visual way.

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MUSIC CREATION

- Soundraw: Easily compose original music for your educational videos or activities, bringing energy and creativity into your classroom.
- Synthesia: Although primarily for video creation, it offers music integration, adding depth to your multimedia projects.

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ART CREATION

- Canva: Utilize AI-driven features to create everything from posters to art projects, making it an essential tool for any classroom.
- Starrytars: Have fun creating avatars and digital art pieces, providing an exciting avenue for students to express creativity.
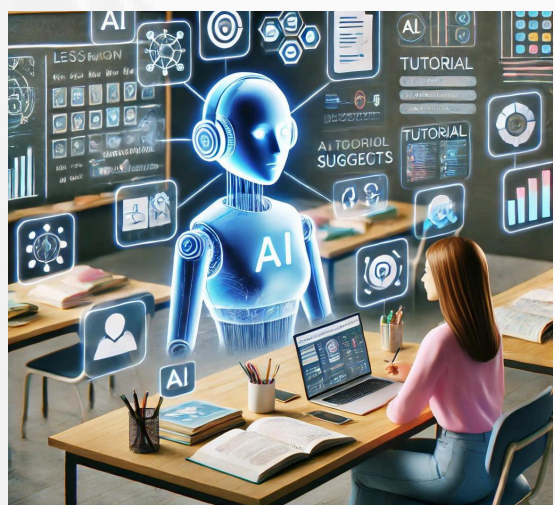

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LESSON PLANS

- MagicSchool: Tailored for educators, MagicSchool offers lesson plan generation, differentiated instruction, and AI-powered assessments, saving you hours of preparation.
- Quizizz AI: Enhance your quizzes with AI, allowing for dynamic adjustments in difficulty and content translation to cater to diverse learners.
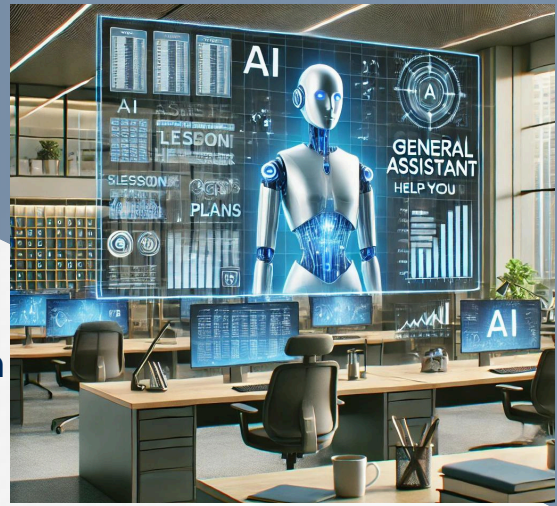

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AI ASSISTANTS

- <u>ChatGPT</u> & <u>Writesonic</u>: Streamline your lesson planning, student feedback, and even parent communication using these text-based AI writing assistants.
- <u>Otter</u>: Record lectures or meetings with real-time transcription, including slide captures and automated summaries to simplify lesson reviews.
-

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WHY USE AI IN YOUR CLASSROOM?

- **Save Time**: Automate administrative tasks such as grading and lesson planning.
- **Engage Students**: Use AI tools to create interactive and personalized learning experiences.
- **Encourage Creativity**: Explore new creative avenues in art and music through AI.
- **Stay Future-Ready**: Embrace the technology shaping the future of education.

TIPS FOR GETTING STARTED:

- **Start Small:** Pick one tool—like Canva or Quizizz—and see how it fits into your teaching.
- **Collaborate:** Share your discoveries with colleagues. Each teacher may find different tools that suit their subjects or style.
- **Learn and Explore:** Take advantage of online tutorials or webinars to unlock the full potential of these AI tools.

LOOKING AHEAD:

In the next edition, we will explore AI-driven student projects and how they can enhance learning outcomes. Stay tuned for more exciting resources!

Note: Always review AI tools for privacy compliance and educational appropriateness before implementing them in your classroom.

Happy Teaching!

NOTES FROM SUPERINTENDENT

Dear Stakeholders,

At the start of the school year, we discussed the importance of staying ahead with technology and integrating AI into our teaching practices. This newsletter is part of that ongoing effort to support you in that journey. Throughout the year, I'll be sharing more newsletters like this, filled with AI tools and resources that can make your teaching more efficient and creative.

I know many of you often ask, "What tools should we be using?" So, I'll continue to compile the most useful and innovative tools here. My goal is to make it easier for you to stay informed and experiment with new ways to engage students.

Thank you for your commitment to excellence in education. I look forward to seeing how you incorporate these tools into your classrooms, and I'm always here to support you in making this transition smoother.

Stay tuned for more exciting updates!

Warm regards,
Shubham Pandey
Superintendent, Pioneer Technology & Arts Academy

UPCOMING : AI COMMUNITY EVENTS

Mesquite Oates: September 24, 2024 5:30 PM
North Dallas : October 16, 2024 5:30 PM
Fate/Royse City : October 22, 2024 5:30 PM
Greenville : October 23, 2024 5:30 PM