



AI TOOLS FOR (LIBRARY MEDIA) EDUCATORS

NORTH
Dakota
Be Legendary.

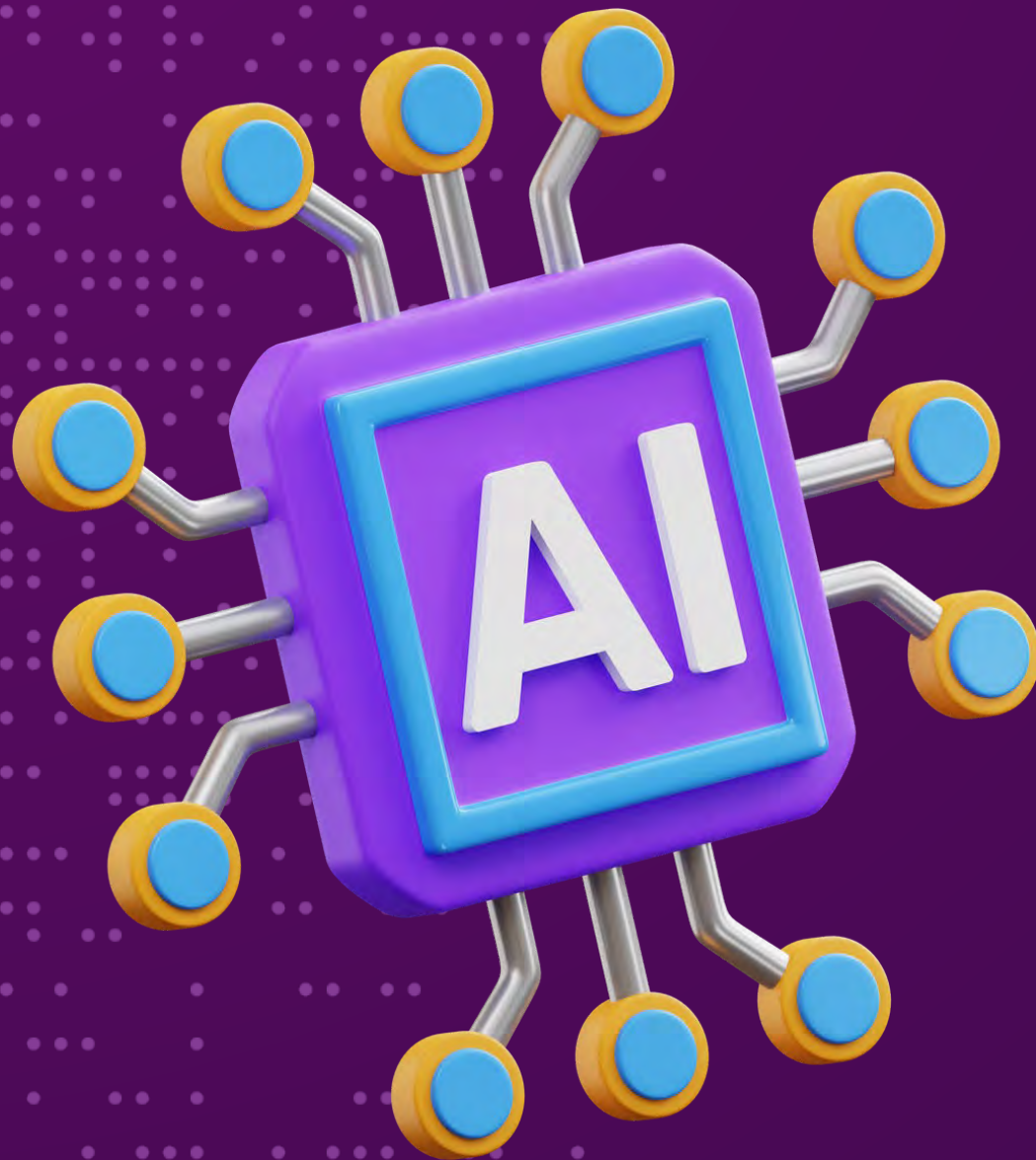
EduTech

INFORMATION TECHNOLOGY

About Me

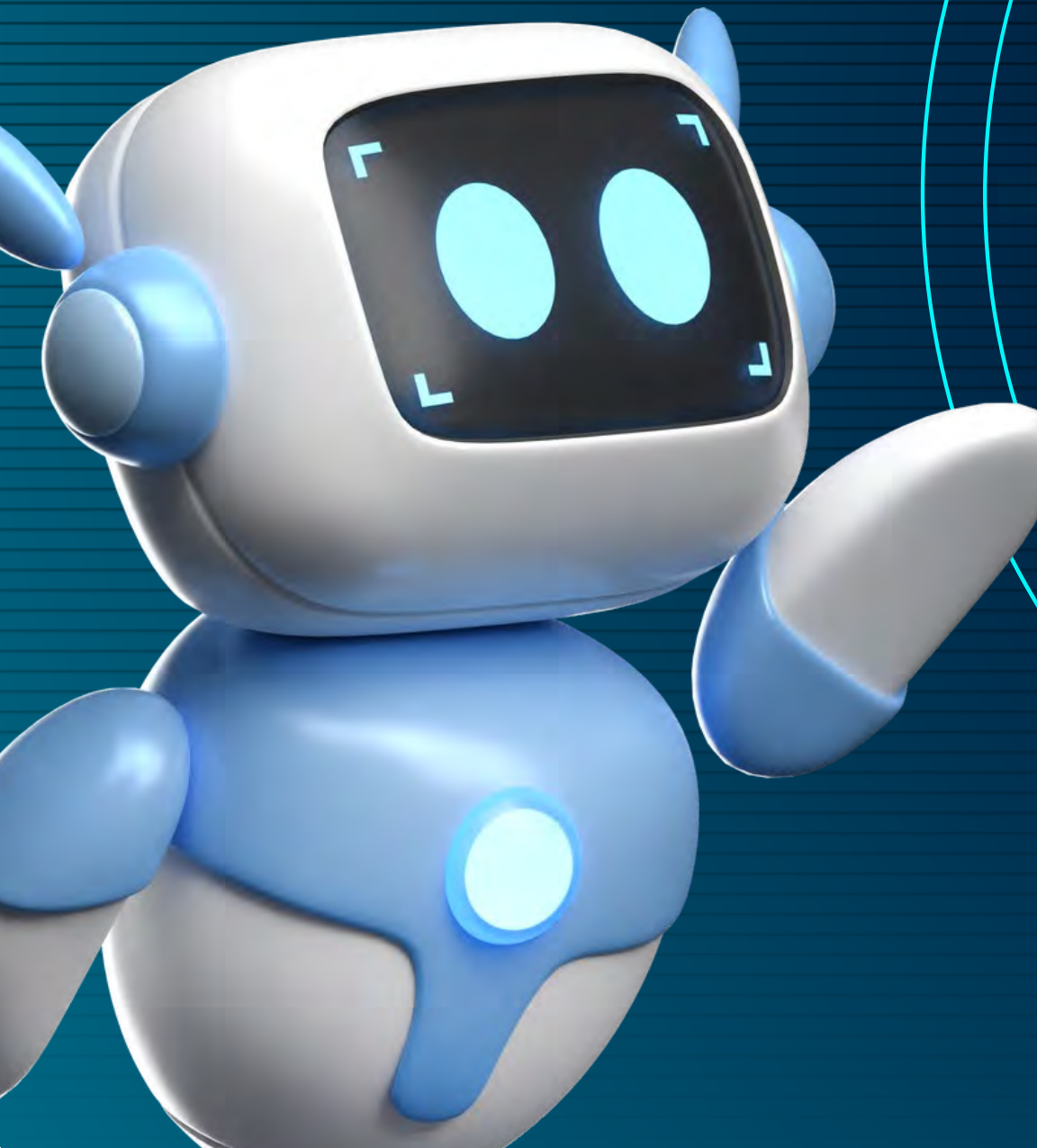


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1

Objectives:

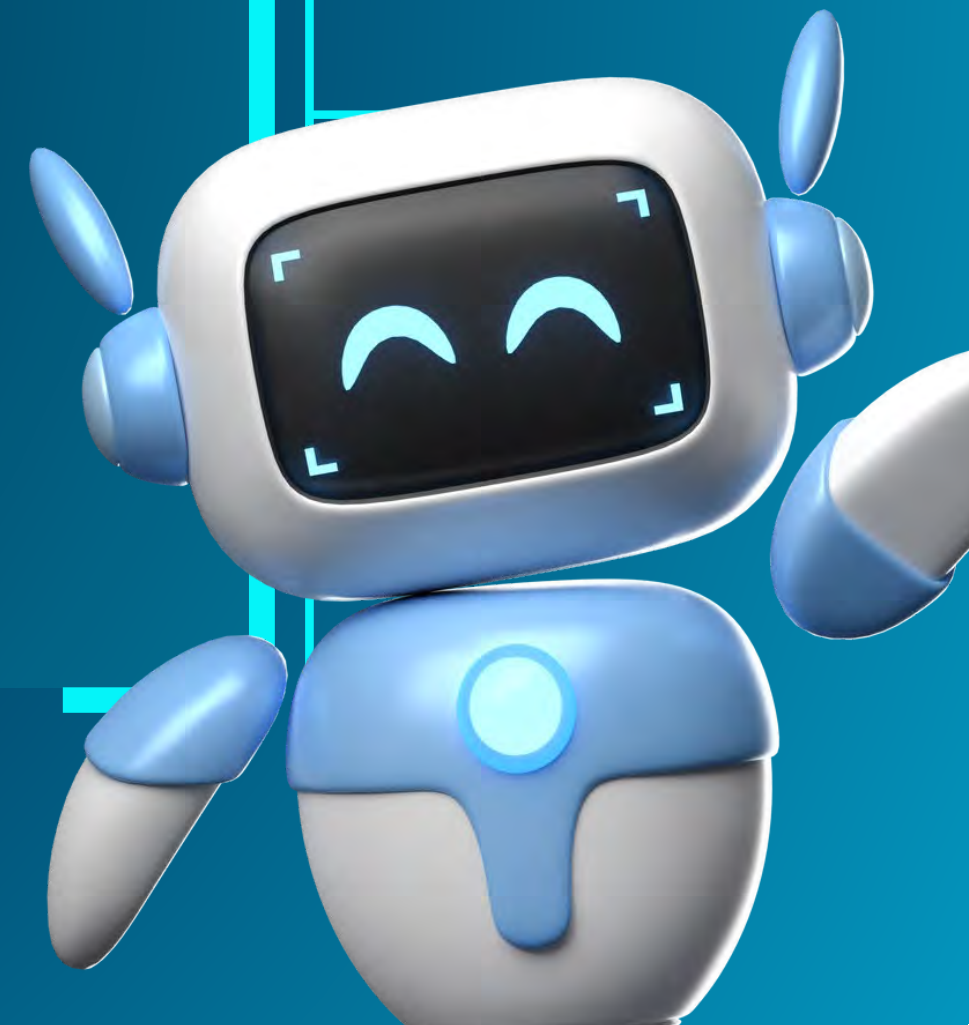
- 1.To explore the basic principles of artificial intelligence, definitions, AI types, literacy, data collection, ethics, and resources.
- 2.To learn about Artificial Intelligence, how it has evolved, and what tools are available in an Educational setting.

2 What is Artificial Intelligence (AI)?

IBM defines AI as “technology that enables computers and machines to simulate human intelligence and problem-solving capabilities.”

AI does this by machine learning and deep learning.

Three types: Narrow AI, general AI, and super AI





WHAT IS MACHINE LEARNING? IN 2 MINUTES



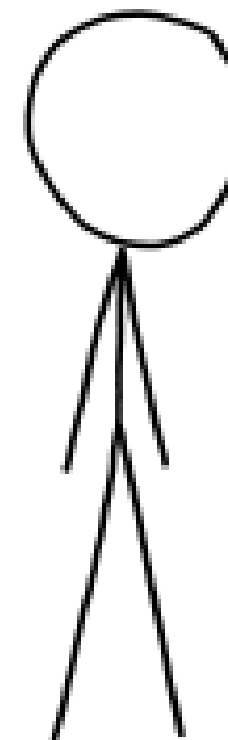


WHEN A USER TAKES A PHOTO,
THE APP SHOULD CHECK WHETHER
THEY'RE IN A NATIONAL PARK...

SURE, EASY GIS LOOKUP.
GIMME A FEW HOURS.

... AND CHECK WHETHER
THE PHOTO IS OF A BIRD.

I'LL NEED A RESEARCH
TEAM AND FIVE YEARS.



IN CS, IT CAN BE HARD TO EXPLAIN
THE DIFFERENCE BETWEEN THE EASY
AND THE VIRTUALLY IMPOSSIBLE.



A Little History...

AI has been discussed as long as computers have been around; science fiction revels in the idea of AI, computer science has strived to create AI, and in December of 2022, Open AI created ChatGPT and Dall-E and opened them to public use, changing the game of AI. Since then, all major technology giants have wanted to get into the AI game. Microsoft and Google have been particularly focused, with Microsoft's Copilot and Google's Gemini (formerly Bard).

AI has also been integrated (to differing levels of success) in many different ways, including home assistants such as Siri, Google Home, and Amazon Alexa; video games, such as [I] Doesn't Exist; apps and extensions (such as Grammarly), and more. Let's get into it.

3 Data & AI



The good!

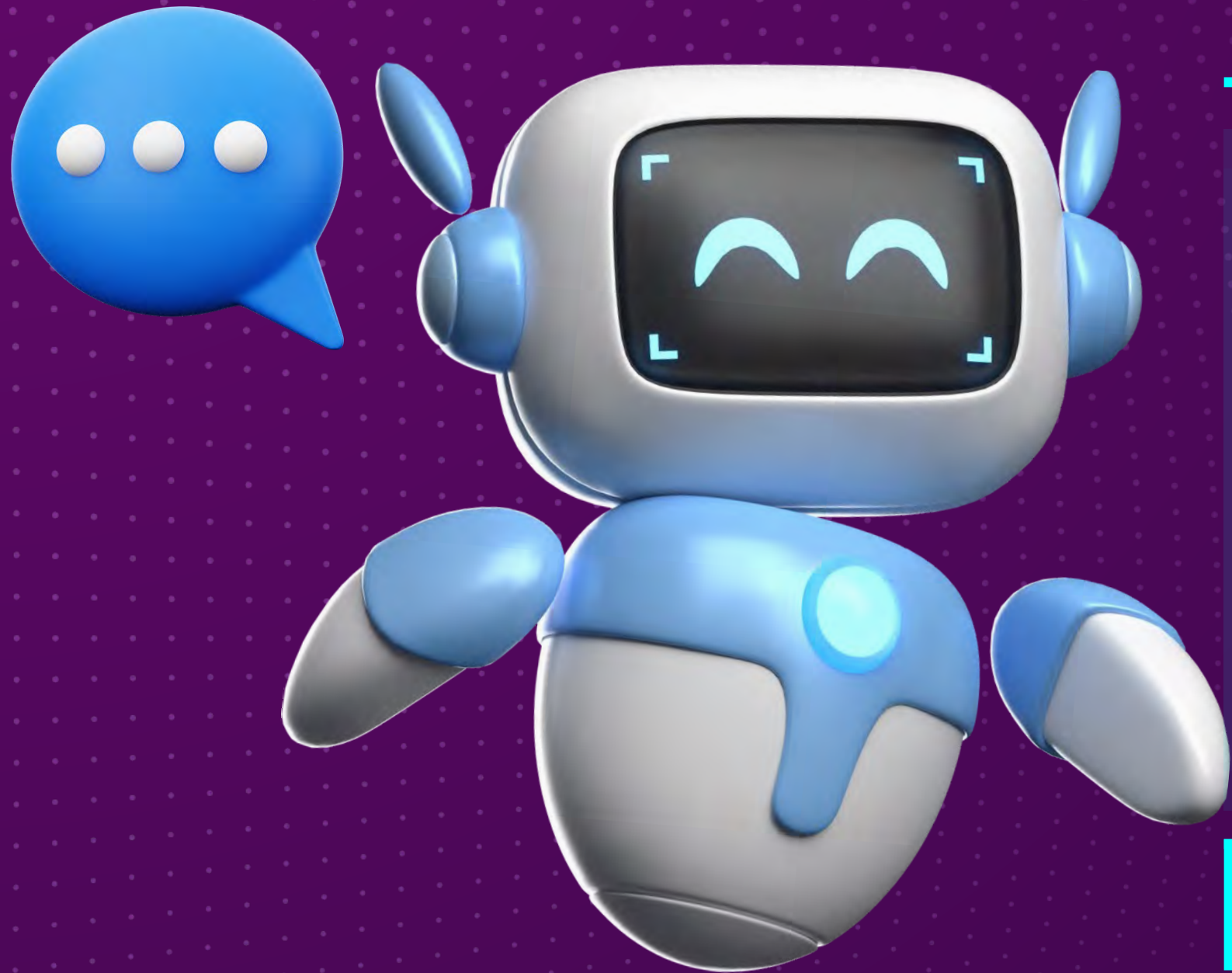
Your interactions with AI programs help the program learn more in order to be more helpful...

The Bad...

BUT...that data is tied to you as a person; any personally-identifiable information (PII) is now part of the system.



What does the AI use?



Whatever you put into the AI system, it will retain as data; by including it, you are (often) giving the program the rights to use whatever information you have included.

Think carefully of what you are willing to share; never share PII or information that is not yours.

Make sure to read the terms and conditions before using the programs so you are aware of the data being collected.

4 Ethics of AI

With AI so new, the ethics of using AI has become a controversial issue.

- AI in society (The arts, government.)
- AI in the classroom
- AI for personal use





More on Ethics

- [ND DPI AI Framework](#)
- [NDIT AI Guidelines](#)

In the classroom, I may suggest creating a policy document that explicitly states the proper use of AI. I'll show an example of one I used in my classroom on the next slide.

Academic Honesty & AI Expectations for Mrs. Larson's Language Arts 12 Classroom

Introduction:

Artificial intelligence (AI) can be defined as “the ability of a digital computer or computer-controlled robot to perform tasks commonly associated with intelligent beings” (Copeland); in other words, AI is a program or tool that can be used to mimic human capabilities in a manner that simulates human speech, critical thinking, or creation through programming. AI includes programs such as ChatGPT, Gemini, CoPilot, and many others that are built upon AI framework, such as Grammarly, Siri, Alexa, and many others.

In the classroom, AI has its use, however, the expectation is that AI is a tool that may help you; all work and understanding should be your own. AI can be used to help foster creativity, but your work needs to improve upon and add to the AI framework, if it is used.

Information privacy:

AI models take the information you put into them and “learn” from it through pattern recognition over time with many samples. Be careful with the information you put into AI—you don't know if it will use that information to respond to another person. Never include information that could personally identify or harm you or others.

Academic honesty:

AI is a tool that can help you start a project; it can help you translate difficult texts. However, your work, comprehension, and abilities should be your own. If using AI, your work should be 30% or less AI. This means your writer's voice, your word choice, your projects, and your understanding should be the main content of your work. Assignments are reviewed through Turnitin, CopyLeaks, and/or other tools as necessary. If academic dishonesty is suspected, you and I will need to meet to discuss your knowledge, show your work, and address concerns. From there, the appropriate actions will be taken as discussed in the meeting and will follow the school academic honesty policy in the student handbook.

Other information:

If you are uncertain about AI usage, what tools are available to you, and/or how to use them, please speak with me. I am here to help you.

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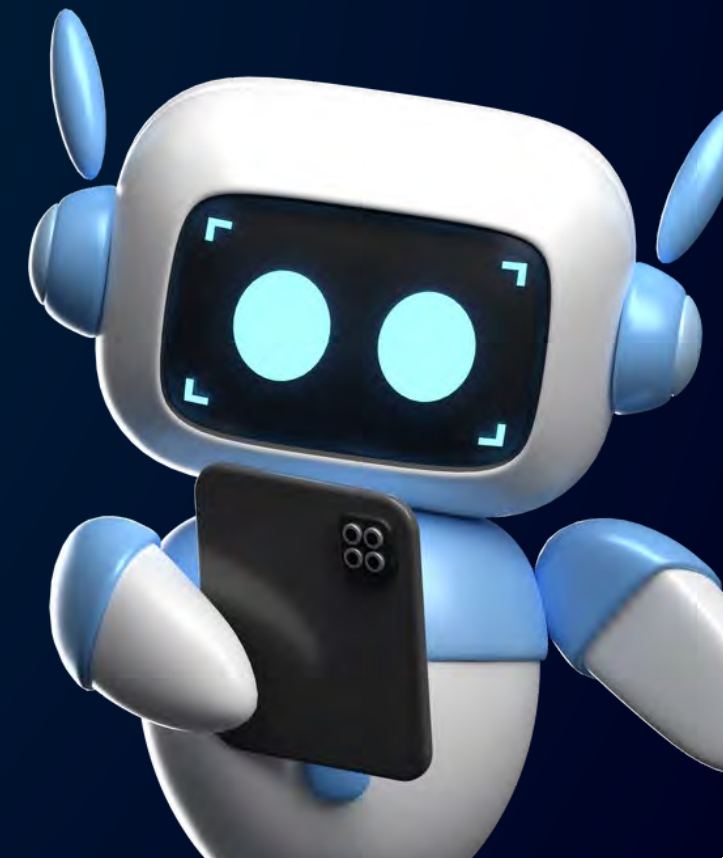
5 AI in the Classroom

With the creation of ChatGPT, AI has been in the school whether we want it or not; students use AI to “assist” in creating their work; unfortunately, teachers have been forced into a reactive role regarding AI.

This is changing, and there are ways to integrate AI as the assisting tool it was meant to be. For complete transparency between you and your students, have a policy document ready--your school may already have one; if not, at least have one for your classroom.

From here, let's look at a TON of different tools that you and your students may use.

REMEMBER: It's the human element that is important, not the computer!



APPS & PROGRAMS



Grammar and Style Correction

- [Grammarly](#)
- [WordTune](#)
- [Microsoft Editor](#)
- [Hemingway Editor](#)

Quiz Generators

- [QuestionWe ll](#)
- [Wayground](#)
(formerly Quizizz)
- [Twee \(ELA\)](#)
- [Chalkie](#)

Chatbots

- [Microsoft Copilot](#)
- [Google Gemini](#)
- [ChatGPT](#)
- [Hello History](#)
- [Perplexity](#)
- [Liner AI](#)

Design & Imagery

- [Microsoft Designer](#)
- [Adobe Firefly](#)
- [Canva](#)
- [Leonardo.ai](#)

Miscellaneous

- [Goblin.Tools](#)
- [Summarize.tech](#)
- [Parlay Genie](#)
- [NotebookLM](#)
- [SchoolAI](#)
- [Diffit](#)
- [Readow](#)
- [Kiddle](#)



Scan the QR
code to
access all
the links
for the
apps &
programs

Q u e s t i o n s ?

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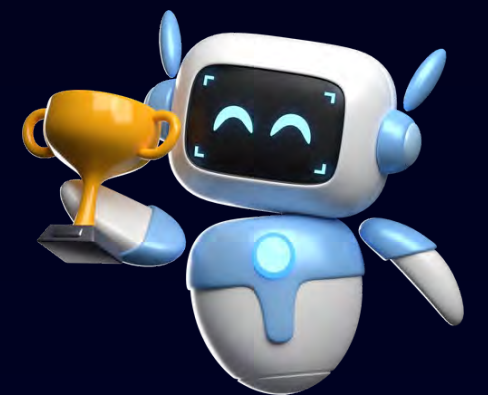
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