

# DIGITAL LEARNING

## What is AI?

- AI, or artificial intelligence, is the ability of a digital computer or computer-controlled robot to perform tasks commonly associated with intelligent beings.<sup>1</sup>
- Types of AI<sup>2</sup>:
  - **Reactive Machine AI** is a system with no memory designed to perform a specific task. It uses statistical math and analyzes vast amounts of data to produce seemingly intelligent outputs (e.g., Netflix Recommendation Engine).
  - **Limited Memory AI** uses past and present data to produce outputs. As it is trained through use, it improves performance (e.g., generative AI like ChatGPT and virtual assistants such as Siri and Alexa).

## Considerations regarding the safe and ethical use of AI:

- Review the terms and conditions for each tool before allowing students to use it (e.g., ChatGPT requires students to be at least 13 years old and have parents' permission if they are under 18).
- When using AI, follow the 80/20 approach<sup>3</sup>: The AI content can be used as a starting point (80% of the effort), and then you make revisions for the final 20% of the effort.
- Citations can be created in [MLA](#), [APA](#), or [Chicago](#) to acknowledge the use of AI.
- Always check the information obtained from an AI source for accuracy and bias. Validate the information using an alternate source.

### How can an educator leverage AI?

- Grading of multiple-choice items
- Creating rubrics and exemplar writing pieces
- Generating mass emails or refining emails ([Grammarly](#) helps with refining writing)

### How can an administrator/leader leverage AI?

- Creating PLC agendas ([SchoolAI](#))
- Improving teacher observation feedback
- Generating ideas for school-wide events such as open house ([ChatGPT](#))
- Communicating with stakeholders
- Creating master schedules ([TrevorAI](#))
- Analyzing data for trends - **When inputting data, make sure the program you use is secure and the data does not violate privacy laws.**
- [Click here for sample prompts](#)

Regardless of how you use it, always review the results to check and improve them.

<sup>1</sup> Copeland, B. (2024, April 10). artificial intelligence. Encyclopedia Britannica.

<https://www.britannica.com/technology/artificial-intelligence>

<sup>2</sup> IBM Data and AI Team. (2023, October 12). *Understanding the different types of artificial intelligence*. IBM

<https://www.ibm.com/blog/understanding-the-different-types-of-artificial-intelligence/>

<sup>3</sup> *Terms of Service*. MagicSchool.ai - AI for teachers - lesson planning and more! (2024, March 29).

<https://www.magicschool.ai/privacy-security/terms-of-service>