

## Office of Teaching and Learning

# Artificial Intelligence (AI) for Leaders

## What is Artificial Intelligence (AI)?

[Artificial intelligence \(AI\) in education](#)<sup>1</sup> “refers to applying AI techniques to enhance learning and teaching processes. It goes beyond computer science, aiming to leverage machine intelligence to improve educational experiences across various disciplines.” AI integration begins with the innovation and guidance of school leaders. Safe, practical, and ethical use must be guided and modeled. AI is not a trend but a fundamental part of our future.

When used correctly, AI has the potential to transform education. It can

- personalize learning by tailoring instruction to each student’s unique needs and pace;
- increase engagement with the creation of interactive and immersive learning experiences;
- enhance efficiency through the automation of repetitive tasks, freeing teachers to focus on individualized support; and
- provide data-driven insights by analyzing student performance to identify areas for improvement.

## AI as a Support Tool

AI must be used safely and ethically. It should be used as a support tool for educators, not to replace expertise. AI can be leveraged to improve educational experiences by using tools strategically in the following ways.

1. Personalizing learning experiences for students: Adaptive learning platforms, customized content delivery, and real-time feedback.
2. Support with Administrative Tasks: Automating grading, managing student records, and streamlining administrative processes.
3. Support with Enhancing Engagement: Virtual tours, AI-driven motivational design, and interactive simulations.

| Category                    | Application Links   |
|-----------------------------|---|
| Adaptive Learning Platforms | <a href="#">Canvas</a><br><a href="#">Microsoft Teams</a><br><a href="#">Google Classroom</a> |

<sup>1</sup> Louisiana Department of Education. (2024). *Artificial Intelligence in Louisiana schools*.  
[https://doe.louisiana.gov/docs/default-source/technology-footprint/l DOE-ai-guidance.pdf?sfvrsn=cf9b333a\\_4](https://doe.louisiana.gov/docs/default-source/technology-footprint/l DOE-ai-guidance.pdf?sfvrsn=cf9b333a_4)

| Category  | Application Links   |
|---|---|
| Customized Content Delivery                     | <a href="#">NotebookLM</a><br><a href="#">SlidesGPT</a><br><a href="#">Canva</a>  |
| Real-Time Feedback<br>Engagement<br>Autograding | <a href="#">Curipod</a><br><a href="#">Grammarly</a><br><a href="#">MagicSchool AI</a><br><a href="#">Quillbot</a><br><a href="#">Quizizz</a> |
| Administrative Tasks                            | <a href="#">MagicSchool AI</a><br><a href="#">Copilot</a><br><a href="#">Gemini</a><br><a href="#">ChatGPT</a>                                |

## Privacy Considerations

While AI can help make tasks more manageable, it is also essential to maintain privacy. Personally identifiable student information (PII) should not be entered into AI tools unless a signed data-sharing agreement is in place, and all student privacy laws should be observed. Many AI tools require parental consent for users under 18. When using AI tools with students, remember to

- obtain data privacy agreements when necessary;
- use anonymous accounts; and
- review the terms of service.

## Implementing AI in Schools

Schools and school systems should have a plan for AI implementation, including guidelines and rules, and train educators and staff to use AI effectively and ethically. For support, refer to the [Artificial Intelligence in Louisiana Schools: Guidance for K-12 Schools](#) document.