



AI IN THE CLASSROOM

- A Teacher's Quick-Start Guide

By Daniel O. Adeboye (PhD)

1. What is AI?

Artificial Intelligence (AI) is the training of computer systems and machines to think, learn and perform tasks like humans. These tasks include recognizing patterns, understanding language, solving problems and making decisions. In education, AI helps teachers work smarter by supporting lesson planning, simplifying routine tasks and tailoring learning to meet individual needs. It doesn't replace the teacher; it strengthens the teacher's impact.

2. Benefits of AI for Teachers

- Saves Time – Automate grading, attendance and content creation.
- Supports Personalized Learning – Adapt content to each student's pace and style.
- Boosts Creativity – Generate ideas, activities and scenarios instantly.
- Provides Insights – Track learning gaps and student progress.
- Improves Engagement – Use interactive tools to make lessons dynamic.

3. Five (5) AI Tools for Teachers

1. ChatGPT for Educators – Lesson plans, content help, quizzes, etc.
<https://chat.openai.com>
2. Google Gemini (Live) – Real-time search, lesson planning support, etc.
<https://gemini.google.com>
3. MagicSchool AI – Tailored tools for teachers: rubrics, feedback, etc.
<https://www.magicschool.ai>
4. Napkin AI – Turn ideas into diagrams, concept maps and workflows.
<https://www.napkin.ai>
5. Canva AI – Generate visuals, write content, auto-resize designs, etc.
<https://www.canva.com>

4. Best Practices for Using AI in Teaching


- Start Small – Begin with one tool or feature
- Always Review Outputs – Check output for accuracy and relevance
- Blend AI with Your Teaching Style – Don't lose your personal touch
- Prioritize Data Privacy – Protect student information
- Stay Informed – Keep learning about AI updates and ethics


5. Prompting Quick Tips for Teachers

Prompting in AI is the technique of giving specific instructions or asking questions to an artificial intelligence model to receive a desired response or output.

 Be Specific – *“Create a 10-question multiple-choice quiz on photosynthesis for JSS2.”*

 Set Limits – *“Give a 2-paragraph summary with simple terms.”*

 Add Context – *“As a History teacher, create a debate prompt.”*

 Refine – *Tweak the prompt if the first result isn't exactly usable*

 Test First – *Always review before using with students*

6. Reflection Questions

- What one task could AI help you with this week?
- Which AI tool do you want to try first?
- How will you check if the AI output is correct before using it in class?
- How can you talk to your students about using AI wisely?