

ARTIFICIAL INTELLIGENCE (AI) IN EDUCATION

BIANCA EMMELL-TIERNEY



Benefits for Teachers

AI saves time by...

- Generating lesson ideas
- Creating handouts, comprehension questions, and writing prompts
- Correcting grammar
- Levelling texts for testing or reading
- Summarizing texts at an appropriate level.

(Bonner, Lege, Frazier, 2023; Finley, 2023)

"A typical teacher works about
54 hours
a week."

(Hardison, 2022)



Benefits for Students

- Develops 21st century skills
- Works on critical thinking
- Supports the writing process
 - Brainstorming
 - Drafting
 - Editing

(Javier & Moorhouse, 2023)

Plagiarism

Stanford researchers found that...

77%

Of high school students used AI to generate ideas for a paper, a project or assignment.

BUT

16%

Of students admitted using AI to write whole essays or other assignments.

(Bay, 2024)

Other Concerns

- **Ethics:** AI doesn't credit its sources
- **Abuses:** Generated pictures and videos that seem real
- **Biases and misinformation:** AI learns from ALL its sources even those that are incorrect
- **Environmental impacts:** AI requires a lot of energy and resources.

(Elgersma, 2024)

5 STEPS TO INCLUDE AI IN YOUR CLASSROOM

EXPLORE IT

You can't teach what you don't know. Understand for yourself its limitations and capabilities.
(Elgersma, 2024)



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2



KNOW YOUR STUDENTS' WRITING

Writing styles are like fingerprints. If you know their writing, it will be easier to recognize when it is written by AI.
(Elgersma, 2024)

CHOOSE A TEACHING APPROACH YOU'RE COMFORTABLE WITH

"Old school": Discuss AI with students, but remain low tech/no tech.

Proactive: Embrace AI in your class. Have students work with it.

** Or you can mix both methods until you are used to the technology.
(Sénécal & Parks, 2023)



3

4



BUILD STUDENTS' AI LITERACY SKILLS

Help students understand AI by having them reflect and think critically about responsible and ethical uses.
(*AI literacy lessons for Grades 6–12*, n.d.)

Interested in AI literacy lessons? Look no further!



SET CLEAR GUIDELINES

Let students know what is acceptable and what isn't by creating an AI classroom policy.
(MetLAB (at) Harvard, 2024)



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Want to know more? Check out my reference list!