

# Using AI to Help Your Teaching

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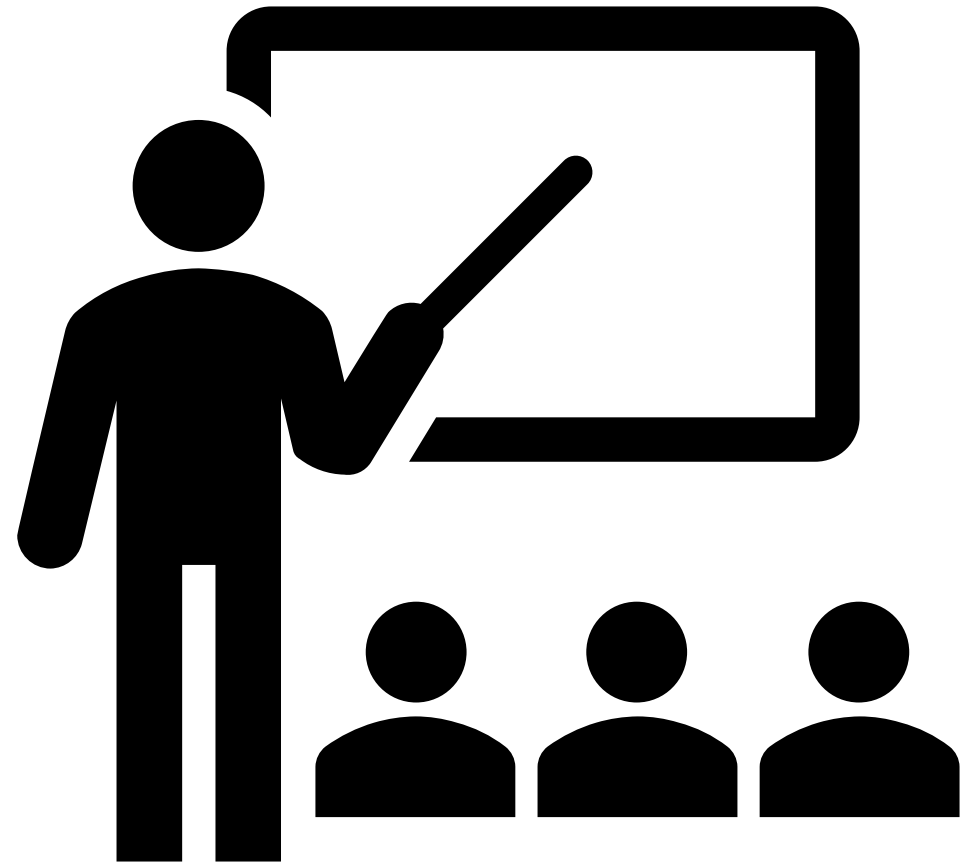
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[Gary's website](#)

# My plan...

- The teaching tasks I claim we can do with AI
- Some examples
- Some examples of what not to do
- How to tell
- Some things to consider



# What Do We Do As Teachers?

- Learn
  - Plan
  - Produce Material
  - Assess
  - Report
- 
- Modeling
  - Citing AI

# Learn

Stay "just ahead" of students...

[AITutorPro](#)

- You see good questions
- Content good for "facts"
  
- Let's take a look

**AI Tutor Pro**  
Your Knowledge & Skills Builder

Your personal digital assistant powered by AI

## CHECK your knowledge and skills on any topic

Ask me questions about...

**A specific topic**  
Ask you questions on any topic you would like to learn.

**My content**  
Ask you questions on content that you provide.

Subject ?

Photosynthesis

# Some True About What AI Can Teach

“LLMs excel at reasoning within **constrained contexts...**”

# Plan

Stay organized for teaching...

## AI Teaching Assistant Pro

- Tools, tools, tools

- Let's take a look

**AI Teaching Assistant Pro**  
Reduce Your Workload - Enhance Your Teaching

- ✓ Your personal teaching and instructional design assistant to help you with any topic or subject.
- ✓ Easily draft multiple-choice tests and exams with AI-powered efficiency!
- ✓ Generate ideas for course descriptions, outcomes, and syllabi with a few clicks!

Choose what you would like to do...

- Multiple-Choice Questions
- Essay Questions + Scoring Rubric
- Syllabus + teaching notes/slides
- Slide Builder  
• FREE CHATGPT ACCOUNT REQUIRED
- Faculty Assistant  
• NEW
- Learning Shorts  
• NEW

# Produce Material

Just because learning styles is a myth does not mean you should not vary your material.

## NotebookLM

- Sources
- Chat
- Studio

The screenshot displays the NotebookLM interface. At the top, the notebook title is "Edtech Choices: Cost, Speed, and Quality". The interface is divided into three main sections: Sources, Chat, and Studio.

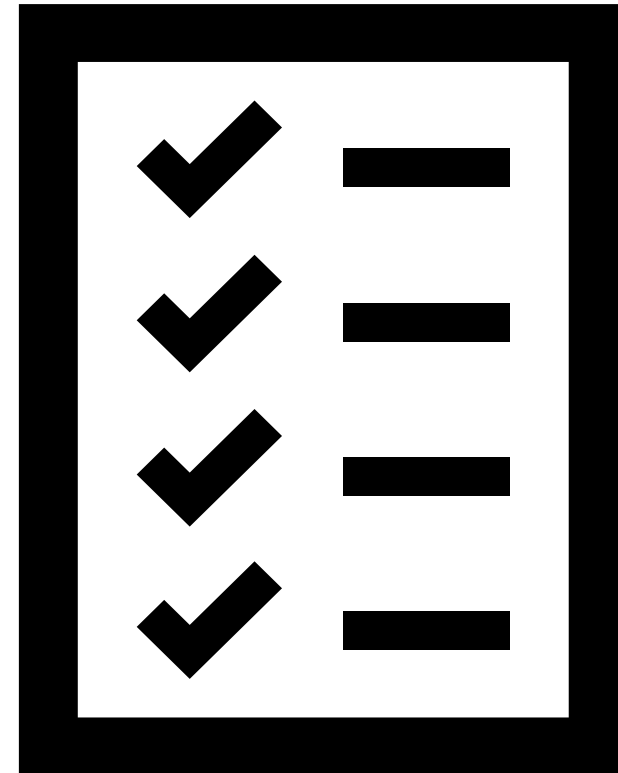
- Sources:** Contains a search bar for new sources, a "Try Deep Research" button, and a list of sources. One source is visible: "Edtech for Edleaders: Choose T...".
- Chat:** Features a chat window with a title "Edtech Choices: Cost, Speed, and Quality" and a single source. The chat content discusses trade-offs in educational technology, mentioning goals like low cost, high quality, and rapid deployment, and the challenges of manual configuration and vendor management.
- Studio:** Offers various tools for creating content, including Audio Overview, Video Overview, Mind Map, Reports, Flashcards, Quiz, Infographic, and Slide Deck. A "Study Guide for 'Edtech for...'" is also visible.

At the bottom right, there is an "Add note" button.

# Assess Students

AI can be your partner in writing questions.

NotebookLM and AI Teaching Assistant Pro do multiple choice, essay, and other types of questions.



# Report

- Use AI to generate a collection of templates.
- Efficiency
- "Oh, yeah, I forgot that..."

generative a list of 5 report card statements for students who are good workers

Here are five polished, ready-to-use report card statements for students who consistently demonstrate strong work habits. I shaped them to sound professional, specific, and supportive—something you can drop directly into a gradebook or narrative report.

## 🌟 Report Card Statements for Strong Workers

1. **Consistently demonstrates a strong work ethic and approaches each task with focus and determination.**
2. **Shows excellent perseverance, completing assignments thoroughly and with careful attention to detail.**
3. **Works independently and responsibly, often**

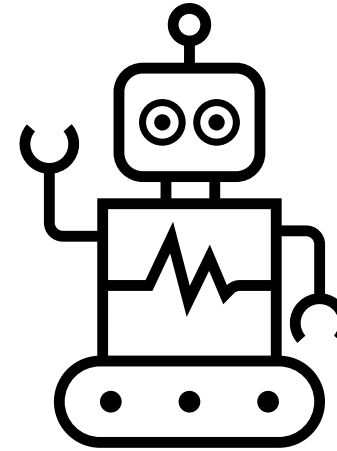
# Recommend Against...

- Rubrics
  - Intent
  - Focus
  
- “Did AI write this?”
  - “Personal tools”
  - AUP
  - You violate each student's copyright
  - They don't work

# The Line

”Easy stuff that takes time.”

- Refresh the content
- Plan
- Transform material
- Write questions



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“Stuff that builds relationships.”

- Figure out what is important
- Talk about work



# Modeling

- What we know
  - Answers from AI are bad for many reasons
  - AI can provide useful cognitive skill
  - Feedback from a human is better, but AI is better than nothing
  - We use AI in our work

“This is how I used AI....”

Does “summarize the meeting” allow you to not pay attention?

# Citing Generative AI (APA)

## In text:

- (Name of the company, year)

## • Reference:

- Author. (Year, Month Day). *Title of chat* [Large language model]. URL

## • For Example:

- (OpenAI, 2025)
- OpenAI. (2025, September 25). *Brainstorming sustainable urban planning solutions* [Large language model]. <https://chat.openai.com/share/your-chat-link>

- You may summarize the title of the chat

# Citing Generative AI (MLA)

- In Text:
  - (Shortened version of the prompt)
- Works Cited:
  - "Description of prompt" prompt. AI Tool Name, version, Publisher, Date generated, URL.
- For Example:
  - (Summary of photosynthesis)
  - "Describe the process of photosynthesis for higher education students" prompt. ChatGPT, GPT-4, OpenAI, 25 Sept. 2025, chat.openai.com.

# Others...

- Describe the use and add a footnote
- Treat AI as personal communications (ChatGPT, personal communication)

NotebookLM. How will “personal communications” change as we share notebooks?