

Poll #1. Warm-up question...

Have you used a Generative AI tool or platform for any of your formal or informal learning on a daily basis? Yes.

No.



## Poll #2. Warm-up question...

Have you used ChatGPT or other **Generative AI tools in your innovative** teaching in the past few months?

- a. No.
- b. Yes, one time.
- c. Yes, a few times.
- d. Yes, many times.
- e. Yes, every chance that I can get.



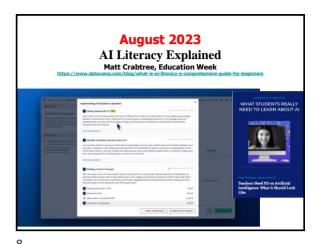
February 21, 2024 2024: The year of generative AI Lindy Hockenbary, eSchool News SCHOOL NEWS Charter Spectru 2024: The year of generative AI

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August 1, 2024

Exploring AI: Students Share Their Awareness and Usage of Generative AI

Rachel Janzen, Clare Church, and Radhe Paleia

https://forum.academica.ca/forum/emploring-ai-students-speak-cabout-their-awareness-and-usage-of-chatget

Awareness: What Generative AI Tools Are Students Familiar
With?

We add educate about their familiary with generated AI tools Are Students Familiar
Withs:

Figure: New you have for Outside Trigone Help 2021 here for the tools do not good or or or of the students of the best familiar of duction of the pre-themse to (2011, but them to their best of the students of

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August 1, 2024

Exploring AI: Students Share Their Awareness and Usage of Generative AI

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https://forum.academica.ca/forum/exploring-ai-students-speak-about-their-awareness-and-usage-of-chatget

Figure 2. What did you use ChatGPT or other generative Al tools for? Please select all that apply (2024 n=495, 2025 n=104)

\*\*2024 \*\*2023

As a learning aid (e.g., to reword a question, clarifying coronage)

Exploratory-just to see what could do

To write a full assignment

To write a full assignment

Other

August 23, 2024

Crunch the Numbers—New Data on AI in Higher Ed Kevin Hogan, Penn Foster Group, eCampus News https://www.ecampusnews.com/innovation-industria/2014/08/21/conde-the-unibers-new-data-on-ai-in-higher-ed-student-finance-estraints-and-election-season-litters/

Key findings include:

8 82% of college students say they've used AI technologies, compared to 58% of high school students, and students are now near even with teachers in adoption (67% vs. 66%)

Two-thirds of high school and college teachers say they use AI technology for education

Students who use AI technology for school use it to do research (46%), to summarize or synthesize information (38%), and to generate study guides or materials (31%)

11 12

#### June 20, 2024

AI Meets Academia—Navigating the New Terrain James Bedford, Inside Higher Education

Based on multiple surveys I've run in workshops over the years it appears around 40 to 50 percent of students are using AI to support their studies, whereas for students with English as an Additional Language (aka English as a Second Language) it seems to be closer to 70 to 80 percent...

#### July 12, 2024

#### More college students say AI helps them earn better grades

Laura Ascione, eCampus News

- A Pearson research survey of 800 nationally representative U.S. college students, conducted with Morning Consult, shows an increasing interest in using AI tools for study.
- Fifty-one percent of spring semester students said gener has helped them get better grades, a 4-percentage point increase from Fall '23.
- Fifty-six percent of spring semester students said generative AI has helped them be more efficient, a 7-percentage point increase from Fall '23.
- Forty-four percent of students are seeking tools to walk them through problems.
- Nearly 60 percent of students are interested in trying new generative AI tools.

13 14

#### July 12, 2024

### More college students say AI helps them earn better grades

Laura Ascione, eCampus News

Anthony Gonzalez, a student at Cerritos Community College who used Pearson's AI study tools in his General Chemistry class said, "I felt much more prepared for class, guizzes, and exams all around. Not to mention you could ask the AI study tool any question at any given



More college students say AI helps them earn better grades

improved after using generative AI tools

#### June 20, 2024

#### Higher Education Has Not Been Forgotten by **Generative AI**

Ray Schroeder, Inside Higher Education

Just in case we need to remind ourselves of why those of us in higher education must begin to integrate GenAI into our teaching and learning, data is now emerging that indicates that students may be more likely to be considered for higher paying positions if they include experience with AI in their employment applications. A study by Nick Drydakis in the Oxford Economic Papers, recently reported: It was found that university graduates with AI capital, obtained through an AI

business module, experienced more invitations for job interviews than graduates without AI capital...for jobs that offered higher wages than those without AI capital.

15 16

#### February 26, 2024 AI Will Shake Up Higher Ed. Are **Colleges Ready**

Taylor Swaak, The Chronicle of Higher Education

The number of Al-related postings on *The Chronicle's* jobs site soared in comparison with all job postings in 2023.

July 8, 2024 **Elements of AI free online course** University of Helsinki Welcome to the Elements of Al free online course!

17 18







August 21, 2024 AI Scientists Have a Problem: AI Bots Are Reviewing their Work Stephanie M. Lee, The Chronicle of Higher Education Many professors are at a loss as to how to respond to AI. Some have resurrected assessment instruments from the pre-digital era, such as hand-written, proctored essay exams or in-person oral presentations, tactics that introduce a myriad of other complications. ...faculty members need to move from the "what" pedagogy of the industrial era — students passively ingesting a heavily curated body of information for later regurgitation
— to a "why" paradigm that turns students into builders of new knowledge through creative problem solving.

21 22



June 13, 2024 **Professors Ask: Are We Just Grading Robots** Beth McMurtrie, The Chronicle of Higher Education "I've been teaching at this university for 17 years and suddenly this comes along to devalue everything I've done to become a caring, competent instructor, and the students are creating make-work for me," he says, describing the shift as "devastating." "I'm grading fake papers instead of playing with my own kids."

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June 20, 2024

#### Higher Education Has Not Been Forgotten by **Generative AI**

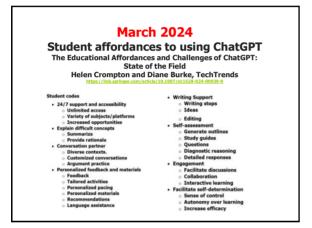
Ray Schroeder, Inside Higher Education

With Khanmigo, the Khan Academy provides teachers with a tool with which "educators can easily tackle a wide range of duties, such as the following:

- · Generating rubrics
- Developing quiz and exercise questions
- · Crafting exit tickets

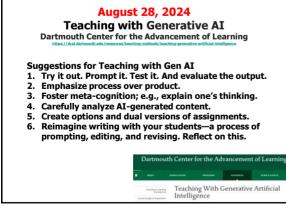
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- · Creating captivating lesson hooks tailored to student interests
- · Supporting Individual Education Plan (IEP) development.



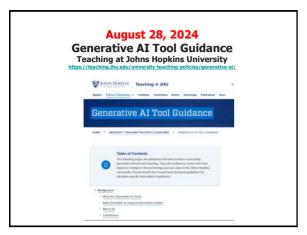
August 28, 2024 Initial guidelines for Gen AI tools at Harvard Harvard University Information Technology HARVARD UNIVERSITY Initial guidelines for the use of Generative Al tools at Harvard Generative AI is a type of artificial intelligence that can learn from and mimic large amounts of data nt such as text, images, music, videos, code, and more, based on inputs or prompts. The

28 27



August 28, 2024 **Guidelines for Generative AI MIT Management Teaching & Learning Technologies** · Instructions for a learning activity · Learning objectives **Use to Generate**  Metaphors and analogies to explain complex concepts Outlines of papers or presentations Rubrics · Scripts for a podcast or video · Computer programming source code Cover letters and resumes Study guides . Summaries of text like articles or meeting notes . Essays or short written assignments Survey questions Instructions for a learning activity

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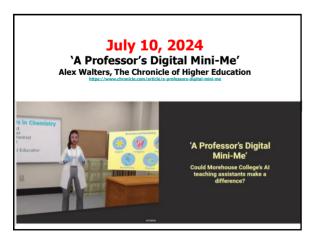
July 5, 2024 Teaching: Getting in sync with students about AI Beth McMurtrie, The Chronicle of Higher Education Case: Professor Ken McKay, Management Sciences, University of Waterloo https://www.chronicle.com/newsletter/teach • Use open book and open note assignments/assessments. · Students write during first class establishes baseline. • Talk to students about how Gen AI tools work. Have students create prompts and discuss results. · Use different Gen AI tools and prompts before class. • Students must use lecture material and class discussions in reflection papers. · Avoid multiple choice, fill-in-the-blank tests, and brief response or one right answer questions on tests. · Avoid use publisher test questions.

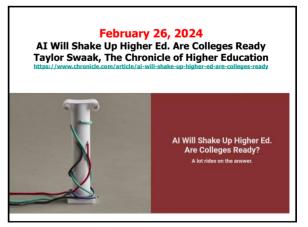
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July 18, 2024 The Synthetic Professor Ray Schroeder, Inside Higher Ed The Synthetic Professor We have reached a point in the development of generative AI that synthetic AI The Al-Augmented Professor of 2024 It is early August 2024. I am about to begin the fall term of teaching, research, administrative tasks and advising with the help of generative artificial intelligence y syllabus was already submitted a couple of months ago so it is

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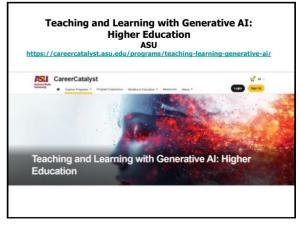






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### August 31, 2024

Brave People Option: Activity #1. AI Case Analysis

#### • Brave People Option: Case Situations or

Write 3 case situations or vignettes related to your current or most recent job setting (each will be about one page long single-spaced). In these cases, you will point out the situation or problem in 1-2 paragraphs as well as the key questions or issues.

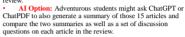
• AI Option: Adventurous students might ask ChatGPT to solve 3 cases situations that they write up or read about. If you do this, please reflect on the solution(s) that ChatGPT or some other platform provided as well as the course related concepts in the case or the solution. And you could ask two or three different platforms (e.g., ChatGPT, Claude, Microsoft Copilot, Gemini, etc.) and compare them.



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# August 31, 2024 Brave People Option: Activity #2. Research Dig

Brave People Option: Research Dig. You are to canvass the research literature on a topic related to this class. Perhaps this will lead to a dissertation, master's theses, or research project. You must find at least 15 articles on a topic and read at least half of them. In your paper, you should describe how you found your articles and essentially describe the state of the research? What are the general findings? Where are the open issues, questions, or gaps on this topic and how might you research this area? You should turn in a 2-4 page single-spaced review.





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# August 31, 2024 Brave People Option: Activity #3. Application Paper

https://curtbonk.com/Instructional-Strats-R546-2024.htm

#### **Brave People Option:** Job Application

Paper. Write a 3 page single-spaced paper where you evaluate one or more perspectives, strategies, or approaches from the perspective of an educational setting, issue, or problem of importance to you (preferably your current or past job). For example, the paper might be titled, "How generative AI might augment teacher pedagogical skills and experimentations. Of course, it should have a descriptive title, some kind of thesis statement, and a conclusion.

\*\*AI Option: Adventurous students might ask ChatGPT or a conclusion.

 AI Option: Adventurous students might ask ChatGPT or Claude, Microsoft Copilot, Gemini, etc. to also generate a job application paper and compare and contrast the two papers.



# August 31, 2024 Brave People Option: Activity #4. Super Summary

https://curtbonk.com/Instructional-Strats-R546-2024.htm

#### **Brave People Option: Super Summary**

Search. In the Super Summary Search, you might conduct a library search on a topic that you find important (this must include at least 10 articles (at least half of these must be research-based articles). In addition, I would like for you to write a one paragraph summary for about 3-5 of these articles, wherein you summarize the article and discuss its importance to the field and to yourself und worked leaguese.

the article and discuss as important to the article and and your colleagues.

• Al Option: Adventurous students might ask ChatGPT or ChatPDF to also generate a super summary and compare and contrast the two papers. The article summaries might be made available as a study guide.



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### August 31, 2024

Brave People Option:
Activity #5. Expert or Scholar Review and
Interactive Dialogue

https://curtbonk.com/Instructional-Strats-R546-2024.htm

## **Brave People Option:** Expert or Scholar

Review. Sometimes an instructional approach or thinking program is synonymous with the inventor or creator of that program. In this option, I want you to review the work of a scholar in this field. For instance, you might read about the person who invented a popular concept, technique, or theory. You might send that person a letter asking for additional information. It is the exploratory, inquisitive nature of the task that is prized here, not what you actually do. AI Option: Adventurous students might ask ChatGPT or Claude, Microsoft Copilot, Gemini, etc. to generate a fictional dialogue between two or three such experts. Or ChatGPT could create a fictional expert that could respond to student questions.



February 10, 2023 80 Ways to Use ChatGPT in the Classroom

Stan Skrabut, Ed.D.
Activity #6. Think, Pair, Share

https://www.amazon.com/80-Ways-Use-ChatGPT-Classroom/dp/B0BVC8MXJ

Students reflect of a topic and share with a partner. Then they could query ChatGPT and discuss their findings before sharing with the class.



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February 10, 2023 80 Ways to Use ChatGPT in the Classroom Stan Skrabut, Ed.D.

**Activity #7. Predict ChatGPT Response** 

Integrate ChatGPT into a class activity. Before pressing return on a question posed to ChatGPT, have students predict what the response or answer will be and then compare the student responses to what they predicted.



February 10, 2023 80 Ways to Use ChatGPT in the Classroom Stan Skrabut, Ed.D.

**Activity #8. List Generator Discussions** 

Have ChatGPT or any other generative AI tool generate a list (e.g., ice breakers, student paired interview questions, book or article recommendations, course guidelines or objectives, course objectives, etc.) and then engage students in small group and then whole class discussions.



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#### February 10, 2023

80 Ways to Use ChatGPT in the Classroom Stan Skrabut, Ed.D. Activity #9. Writing Feedback and

**Assistance** https://www.amazon.com/80-Ways-Us

ChatGPT or any other generative AI tool might assist with student papers and essays to identify areas of potential improvement. Feedback might be offered on the grammar, wording, content, overall organization, or ideas. Teams might discuss and revise their papers before submission. End with entire group conversation.



## February 10, 2023 80 Ways to Use ChatGPT in the Classroom

Stan Skrabut, Ed.D.
Activity #10. Language Discussion Partners

Have students engage ChatGPT or any other generative AI tool generate to help discuss new topics and concepts as well as process class activities or lectures at the start of end of an activity or class. Then, have students critique the output at the end of the conversation.



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February 10, 2023 80 Ways to Use ChatGPT in the Classroom Stan Skrabut, Ed.D.

**Activity #11. Language Conversation Partners** 

Have students in a language class engage ChatGPT or any other generative AI tool engage in conversations and to help process class activities or lectures at the start of end of an activity or class. Then, have students critique the output at the end of the conversation such as noting grammatical errors.



Gen AI might also translate articles and blocks of text into the target language.

February 10, 2023 80 Ways to Use ChatGPT in the Classroom Stan Skrabut, Ed.D.

**Activity #12.** Language Conversation Partners

Generative AI might also translate articles and blocks of text into the target language. Next have students work in teams to improve the drafts through rewriting and discussion.



February 10, 2023 80 Ways to Use ChatGPT in the Classroom Stan Skrabut, Ed.D.

**Activity #13. Grade ChatGPT Response** 

Use ChatGPT to create a document like an essay, report, plan, etc., and have students grade the results using a rubric or a checklist.



February 10, 2023 80 Ways to Use ChatGPT in the Classroom Stan Skrabut, Ed.D.

Activity #14. Q&A Sessions dp/B0BVC8MXJV

**Hold a Question and Answer session** where the instructor answers student questions and then ChatGPT answers them. Next, either the instructor would have a chance to amend his/her answer or the students would discuss discrepancies in the answers provided and ask a follow-up question.



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#### February 10, 2023

80 Ways to Use ChatGPT in the Classroom Stan Skrabut, Ed.D.

Activity #15. Debate Assistance

Students could ChatGPT to generate arguments and counterarguments before or during a debate situation on a given topic. In addition, an opposing group could ask ChatGPT for a rebuttal.



February 10, 2023

80 Ways to Use ChatGPT in the Classroom Stan Skrabut, Ed.D.

**Activity #16. Create Blog Posts** 

Assume the instructor has asked the students to post their weekly article reflections in a blog. ChatGPT or any other generative AI tool could generate a reflective blog post each week as well. Students or teams of students could compare their blog post reflections and ChatGPT. Final reflection papers could be written on



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this.

February 10, 2023 80 Ways to Use ChatGPT in the Classroom Stan Skrabut, Ed.D.

**Activity #17. Ice Breakers** 

ChatGPT or any other generative AI

tool could be used to generate ice breakers for the first class or when starting team assignments.







**December 3, 2023** 

ChatGPT for Teachers: AI in the Classroom: Harnessing the Power of ChatGPT for Effective Teachings Pacifico Zanzara (K-12 or higher ed)

Activity #18. Interactive Lessons

ChatGPT or any other generative AI tool could be used to generate interactive and engaging content including science experiments, simulations, historical scenarios, controversial cases situations, creative writing prompts, etc.



#### December 3, 2023

ChatGPT for Teachers: AI in the Classroom:
Harnessing the Power of ChatGPT for Effective Teachings
Pacifico Zanzara (K-12 or higher ed)

Activity #100 Zanzara (K-12 or higher ed)

Activity #19. Problem Solving Scenarios
https://www.amazon.com/Chat-GPT-Teachers-Classroom-Harnessing/db/BOCPDWKW/G

Use ChatGPT or any other generative AI tool to create real-world scenarios that require problem solving and decision making. Teams of students could address different scenarios or engage in competitions related to a few key scenarios.



#### December 3, 2023

ChatGPT for Teachers: AI in the Classroom: Harnessing the Power of ChatGPT for Effective Teachings Pacifico Zanzara (K-12 or higher ed)

Activity #20. Analytical Writing Prompts
https://www.amazon.com/Chat-GPT-Teachers-Classroom-Harnessing/dp/B0CPDWKWYG

Have students use ChatGPT or any other generative AI tool to engage in analytical writing and critical thinking. Use Gen AI to help interpret information, develop arguments, provide supporting evidence and justify their reasoning, explore the credibility of information sources, etc.



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### December 3, 2023

ChatGPT for Teachers: AI in the Classroom:
Harnessing the Power of ChatGPT for Effective Teachings
Pacifico Zanzara (K-12 or higher ed)
Activity #21. Gamified Learning

Gamify course activities by having ChatGPT assist in turning the learning into an engaging game, fun trivia quiz, treasure hunt, or some type of competitive problem-solving challenge.

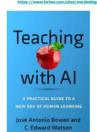


April 4, 2024

Teaching with AI:

A Practical Guide to a New Era of Human Learning (2024) Jose Antonio Bowen and C. Edward Watson

/www.press.jhu.edu/books/title/53869/teaching-a Marybeth Gasman, Forbes



Just as the internet changed "our relationship with knowledge, AI is going to change our relationship with thinking."

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#### April 4, 2024

Teaching with AI: A Practical Guide to a New Era of Human Learning (2024) Addressing Cheating with Gen AI Jose Antonio Bowen and C. Edward Watson

Jose Antonio Bowen and C. Edward Watson https://www.press.jhu.edu/books/title/53869/teaching-ai

- Use low stakes assignments (more and smaller assessments).
- In-class active learning and peer learning techniques.
- Have reasonable workloads.
- Have flexible deadlines.
- Promote and model academic integrity.
- Develop better assignments and assessments.
- Increase transparency, relevance, belonging, and motivation.



**April 4, 2024** 

Teaching with AI: A Practical Guide to a New Era of Human Learning (2024)
Activity #22. Blogging and Journaling Jose Antonio Bowen and C. Edward Watson https://www.press.jhu.edu/books/title/53869/teaching-ai

 Record weekly course reflections in a blog or a journal. Then have students get feedback from both a peer and ChatGPT. Have students write one or more reflections on the difference on feedback offered.

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with Al

#### **April 4, 2024**

Teaching with AI: A Practical Guide to a New Era of Human Learning (2024)

Activity #23. Summary Comparisons
Jose Antonio Bowen and C. Edward Watson
https://www.press.jhu.edu/books/title/53869/teaching-ai

· Ask teams of 3 students to use different AI tools to make summaries of one or more readings. Have them meet FTF or in a synchronous setting and defend their AI tool summary as the best summary. Next have them attempt to improve or refine one of the summaries, pool the respective summaries into a list of key points, or create a new best of summary. Perhaps pool all the team summaries across all the articles.



#### April 4, 2024

Teaching with AI: A Practical Guide to a New Era of Human Learning (2024)

Activity #24. Human vs. Al Jose Antonio Bowen and C. Edward Watson https://www.press.jhu.edu/books/title/53869/teaching-ai

 Ask students to write a paragraph, article abstract, short paper, poem, lecture summary of key points, etc. both with and without AI. Next share the artifact with a partner. Each person attempts to identify the human and AI elements. Finally, they discuss how either draft document could be



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April 4, 2024
Teaching with AI: A Practical Guide to a New Era of Human Learning (2024)

Activity #25. Supporting Mastery Jose Antonio Bowen and C. Edward Watson https://www.press.jhu.edu/books/title/53869/teaching

· Just imagine you could give AI specific information you want students to learn in your course. For instance, have students submit lab reports, business plans, stories, computer code, etc. and ask ChatGPT or another AI tool to identify problems, loopholes, and inconsistencies. Student fixes the problems and resubmits the artifact until no further problems are detected. Students must turn in interactions with AI with their assignments.



#### April 4, 2024 Teaching with AI:

A Practical Guide to a New Era of Human Learning (2024)

Activity #26. Reverse Engineering
Jose Antonio Bowen and C. Edward Watson https://www.press.jhu.edu/books/title/53869/teach

· Ask students to detail the contributing factors that explain a specific issue, event, situation, response, etc. For example, what factors have contributed to the popularity of Taylor Swift, AI in Education, tiny houses, or tourism in Antarctica? Have the students transfer these factors to a new situation such as design a process to replicate the success of Taylor Swift with a specific currently unknown singer. Then have ChatGPT create a list of factors and compare and discuss the two lists.

Teaching with AI

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#### **November 23, 2023**

TextGenEd: An Introduction to Teaching with Text Generation Technologies **WAC Clearinghouse** 

https://wac.co

TextGenEd: An Introduction to Teaching with Text Generation Technologies. Co-editor with Annette Vee and Carly Schnitzler. Writing Across the Curriculum Clearinghouse, 2023.





August 28, 2024

**Creative Explorations, WAC Clearinghouse Activity #27. Spellcraft & Translation:** 

Conjuring with AI

Dana LeTriece Calhoun, University of Pittsburgh

Original Assignment Context: End of elective Public and Professional Writing Course.

"This assignment invites undergraduate students to create "spells," a poem based on a wish, and prompt an LLM to write a spell of its own, then reflect on their input and LLM output compared to their original compositions. Students analyzed the function of language and intent in manual and LLM composition, drawing together meaning and expression, and how LLM technology replicates or revises that expression. This assignment can be adapted to most rhetoric, composition, and cultural studies courses.



#### August 28, 2024

**Creative Explorations, WAC Clearinghouse** Activity #28. Made Not Only By Me: Coauthoring a **Children's Book with Text and Image Generation** 

Brandee Easter, York University

Original Assignment Context: End of large year-long. first-year Professional Writing course

This assignment asks undergraduate students to explore image and text generation technologies to create a short, illustrated children's book. Although create a short, illustrated children's book. Although text and image generation technologies are different, experimenting with them in parallel challenges students to reflect critically on the co-constitutive relationship between writing and technology. This approach was particularly useful for making "visible" how technologies can participate in, create, and



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#### August 28, 2024

#### **Creative Explorations, WAC Clearinghouse**

Activity #29. The Grand Exhibition of Prompts Mark C. Marino, Univ of Southern California, Rob Wittig, University of Minnesota Duluth

Original Assignment Context: End of semester in upper-level advanced writing course

In this collaborative creative writing game on a threaded discussion platform students experiment with AI imagemaking programs, but concentrate on the expressive, lite power of the verbal prompts they write...Students can be evaluated on their contributions, and on their support and encouragement of other writers. With the advent of artificial intelligence image-making software (such as MidJourney and Dall-E2), it seems the average untrained anybody can become a world-class visual artist merely by writing a prompt. Such developments have disrupted traditional notions of what it means to be a visual artist in the one aspect of making we like to think is exceptionally human: creativity.





#### August 28, 2024

### **Creative Explorations, WAC Clearinghouse**

Activity #30. Professional Writing for Healthcare

Original Assignment Context: mid-level undergraduate professional writing for healthcare course

In this project, via a series of scaffolded assignments students selected and read medical journal articles and then drafted and revised research summaries for lay audiences, exploring, analyzing, and integrating the use of AI writing



- exploring, analyzing, and integrating the use of AI writing systems (e.g., ChatGPT, QuillBot Summarizer, etc.) throughout the process. This assignment is adaptable to a variety of undergraduate and graduate courses.

  You will first read and write (on your own, no AI) a summary (350-550 words) of the article in a press release or blog/newsletter format for a lay audience that you identify (e.g., prepnant women reading Pregnancy magazine; parents who subscribe to blog about asthma). We will have a peer respond on this draft in disappeariment with various AI systems (explained in a signiments below), analyzing your own and AI's writing. Working with AI and your writing you will revise your summary based on feedback from peers and ideas/language gained from the AI summaries to produce a finished summary.

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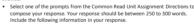
# August 28, 2024

### **Creative Explorations, WAC Clearinghouse**

Activity #31. AI in First Year Writing Courses

Original Assignment Context: First-year writing course.

Areassaced withing is only permitted in this course produced a scale disease within a scale laborative tool to help the student with the development and advancement of their own writing process. Collaborating with an Al writing assistant can include brainstorming, outlining, and drafting, so long as there is substantial writing, research, and composing by the student which is not genera solely by the AI. 'AI-generated writing' means there has been little or no involvement from the student as an author, with the majority of the writing being generated by an AI. The goal of using AI-assisted writing in this class is to help scientiated by einfal. I'm goal of uning An-assassed withing in this class is other students develop their writing process and critical thinking, not to replace or substitute for either. Therefore, using an AI to generate writing or compositions without substantial original contribution from a student is neither acceptable no



Write or use our Al Writing Assistant to develop a thesis statement answering the



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#### August 28, 2024

#### **Rhetorical Engagements, WAC Clearinghouse Activity #32. Writing Against the Machine:**

**Debating with ChatGPT** 

Justin Lewis and Ted Wayland, Olympic College

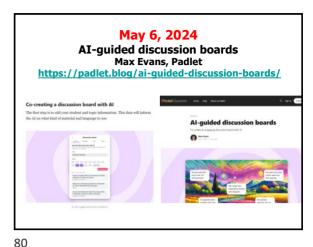
Original Assignment Context: First-year writing course.

This assignment challenges students to use LLMs to map the counterclaiming. By writing prompts that position the AI as argumentative adversary, students can refine, extend and evolve their thesis over the course of the research, drafting and revision processes. This lesson is focused on 100- level composition courses but could be adopted to any undergraduate or graduate course focused on argument and claim making.



# July 23, 2023 101 creative ideas to use AI in education, A crowdsourced collection Chrissi Nerantzi, Sandra Abegglen, Marianna Karatsiori, & Antonio Martínez-Arboleda (Eds.). (2023). 101 creative ideas to use AI in education, A crowdsourced collection (2023 1.2) [Computer software]. Zenodo. https://doi.org/10.2581/zenodo.3855454 Creative ideas to use Al in education

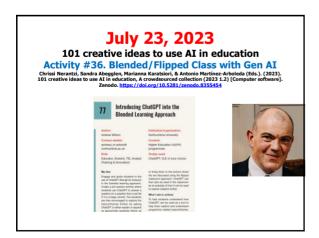






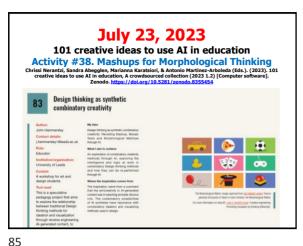
July 23, 2023
101 creative ideas to use AI in education **Activity #35. Support Student Revisions** (i.e., revision guides, flash cards, self-test materials, examples, tutorials, glossaries, and other referenceware)
Chriss Neranti, Sandra Abeglen, Marians Karatsior, & Antonio Martinez-Arboleda (Eds.). (2023). 101 creative ideas to use Af in education, A crowdsourced collection (2023 1.2) [Computer software]. Zenodo. https://doi.org/10.2581/zenodo.3855554 Using Al chatbot to support revision strategies

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July 23, 2023 101 creative ideas to use AI in education **Activity #41. Comic Book Content Creations** (Aras Bozkurt, Anadolu University)

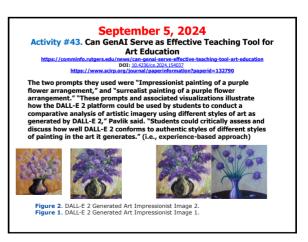
Chrissi Nerantzi, Sandra Abegglen, Marianna Karatsiori, & Antonio Martinez-Arboleda (Eds.). (2023). 101

creative ideas to use At In education, A crowdsourced collection (2023 1.2) (Computer software).

Zenodo, https://doi.org/10.5281/zenodo.8355844 Academic knowledge brought to life in comic book frames

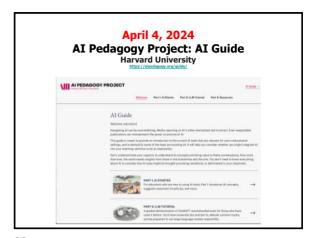
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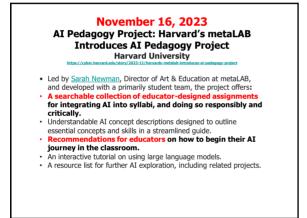




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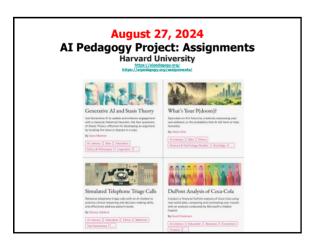


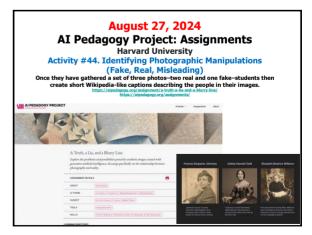




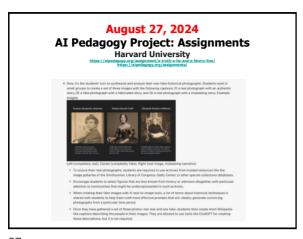


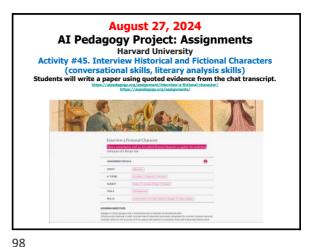
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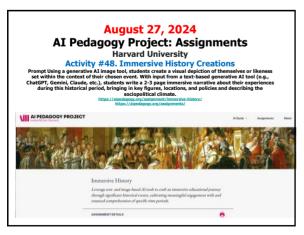








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#### August 27, 2024

# Activity #50. AI and the Case for Project-Based

Teaching
Chat Raymond, The Chronicle of Higher Education
ps://www.dronicle.com/article/ai-and-the-case-for-project-based

I first offer opportunities for students to experiment on unstructured problems that have no single correct answer. For example, in a comparative-politics course, I might ask students to assume the role of political-risk consultants and. within 20 minutes, identify which of four African states is the most suitable location for a German company's new manufacturing plant. Students must justify their reasoning and through metacognition reflect on what they learned about problem solving as part of the exercise.



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#### August 27, 2024

AI and the Case for Project-Based Teaching Activity #50. PBL Designing an Intervention or **New Initiative** 

Chat Raymond, The Chronicle of Higher Education

Professors can use problem-oriented projects regardless of academic discipline. For example:

Similarly, students in a psychology course could develop an intervention that deals with a specific mental-health issue at their college, and pitch the idea to campus administrators. To design a realistic intervention, they would need to construct testable hypotheses that respect ethical and legal constraints, identify how to marshal resources, analyze data collected from preliminary surveys, and create a plan for assessing the proposal's effectiveness.

# August 28, 2024

### What will AI do to higher education?

Hannah Cox, James T, Fisher, & Peter Levine, Tufts University, eCampus News



What will AI do to higher education?

Hannah Cox, James J. Fisher, & Peter Levine, Tufts University August 26, 2024 Undergraduates discuss how AI must be better understood so

### Poll #3: Will instructors be replaced by Generative AI?

- a. Definitely not!
- b. I will wait and see...
- c. Perhaps some instructors might.
- d. Most entry level instructors will likely be replaced.
- e. All instructors should fear losing their jobs.



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# Poll #4. Closing questions...

- 4. How many ideas did you get from this session for using ChatGPT or other Generative AI tools in your teaching, training, or tutoring?
  - a. None
  - b. 1 or 2
  - c. 3 to 5
  - d. 6 to 10
  - e. More than 10



## Poll #5. Closing questions...

- 5. How many ideas did you get from this session for using ChatGPT or other Generative AI tools in your formal and informal learning?
  - a. None
  - b. 1 or 2
  - c. 3 to 5
  - d. 6 to 10
  - e. More than 10





