How Faculty Can Harness Generative AI for Enhanced Learning: Part 4. Best of AI Pedagogy

Curtis J. Bonk, IST Professor Indiana University cjbonk@iu.edu; http://curtbonk.com/





Poll #1. Warm-up question...

How often do you use ChatGPT, ChatPDf, Claude, Gemini, Microsoft **Co-pilot** or other Generative AI tools?

- a. Many times each day.
- b. Nearly every day.
- c. About once a week.
- d. About once a month.
- e. Just once or twice.
- f. Never. Never. Never.



August 1, 2024 Exploring AI: Students Share Their Awareness and Usage of **Generative AI** Rachel Janzen, Clare Church, and Radhe Paleia Figure 2. What did you use ChatGPT or other generative Al tools for? Please select all that apply. (2024 n=493, 2023 n=104)

3

August 23, 2024

Crunch the Numbers—New Data on AI in Higher Ed Kevin Hogan, Penn Foster Group, eCampus News

Key findings include:

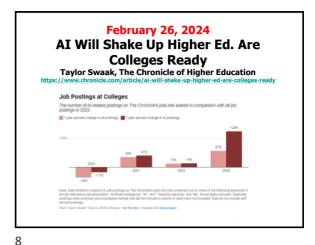
- 82% of college students say they've used AI technologies, compared to 58% of high school students, and students are now near even with teachers in adoption (67% vs. 66%)
- Two-thirds of high school and college teachers say they use AI technology for education
- Students who use AI technology for school use it to do research (46%), to summarize or synthesize information (38%), and to generate study guides or materials (31%)

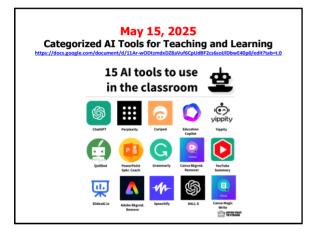


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June 18, 2024 Teens are looking to AI for information and answers, two surveys show Jill Barshay, The Hershinger Report, Youth Today Among 12- to 18-year-olds and college students who had used AI chatbots for school, **56 percent said they had used it** for help in writing essays and other writing assignments. Undergraduate students were more than twice as likely as 12- to 18-year-olds to say using AI felt like cheating, 22 percent versus 8 percent.
Earlier 2023 surveys of student cheating by scholars at Stanford University did not detect an increase in cheating with ChatGPT and other generative AI tools. But as students use AI more, students' understanding of what constitutes cheating may also be evolving

12 11

% of generative AI users who have used it for the following reasons by race/ethnicity

Get information

72%*

65%*

Brainstorm ideas

65%*

65%*

65%*

Help with schoolwork

40%*

Make pictures or images

51%*

24%*

Make sounds or music

42%*

Write code

10%*

Write code

10%*

Write code

10%*

More. Items many not sum exactly due to rounding, Items with different superscripts differ significantly across bars within each category (pt-05). Source NORC survey for Hopelab and Common Sense Media conducted October 4-November 14, 2023. Responses represent 573 young prought who reported using generative AI. Including 158 Black young people, 190 Latins young people, and 225 white young people age is 252 across the survey for Hopelab and Common Sense Media conducted October 4-November 14, 2023. Responses represent 573 young prought who reported using generative AI. Including 158 Black young people, 190 Latins young people, and 225 white young people ages is 252 across the survey for Hopelab and Common Sense Media conducted October 4-November 14, 2023. Responses represent 573 young prought who reported using generative AI. Including 158 Black young people, 190 Latins young people, and 225 white young people ages is 252 across the property of the people and 255 white young people ages is 252 across the people and 255 white young people ages is 252 across the people and 255 white young people ages is 252 across the people and 255 white young people ages is 252 across the people and 255 white young people ages is 252 across the people and 255 white young people ages is 252 across the people and 255 white young people ages is 252 across the people and 255 white young peop

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January 30, 2024

Digital Education Council Global AI Faculty Survey
Digital Education Council

https://www.chromicle.com/newsletter/teaching/2025-01-30

Equations/council debud of faculty through 2025 Instead, Guddens, Commentation and through 2025-01-30

Equations have not made clear how AI can be used in teaching

Faculty perception on the clearly provided by their institution regarding Aluse in teaching. % of respondents

Dated. In which can be used in the source of the

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January 30, 2025

Digital Education Council Global AI Faculty Survey Digital Education Council

https://www.chronicle.com/newsletter/teaching/2025-01-03

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Substantial change is coming to teaching

Faculty perceptions of impact of AF on the role of instructors, N. of respondents

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January 30, 2025

Digital Education Council Global AI Faculty Survey Digital Education Council
https://www.chronicle.com/newsletter/tsechina/2025-01-30

Digital Education Council Global AI Faculty Survey 2015

AI Education Council Global AI Faculty Survey 2015

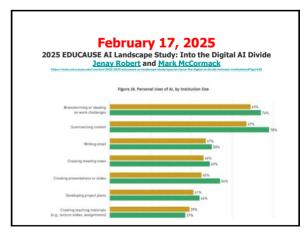
Digital Education Council Global AI Faculty Survey 2015

AI Education Council Global AI Faculty Survey 2015

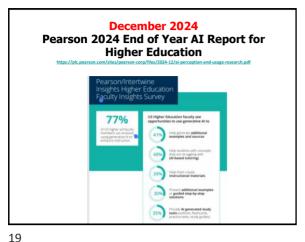
Digital Education Council Global AI Faculty Survey 2015

AI Education Council Global AI Faculty Survey 2015

Digital Education Council Global AI Faculty Sur



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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

- · 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.



20

22

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/teaching/2024-07-05

- · 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.



July 12, 2023

Incorporating AI in Teaching: **Practical Examples for Busy Instructors Daniel Stanford's Substack**

Here are the eight categories I've identified so far (in no particular order): 1.Intentional Misuse

- 2.Text Revision 3.Critiques of AI-Generated
- Content 4.Creative Writing/Brainstorming
- 5.Role-Play 6.Presentation Preparation
- 7. Research and Inspiration
- 8.Instructional Design

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It can: 1. Identify the meaning of a word in context,

April 3, 2023

Affordances and Pedagogical Benefits

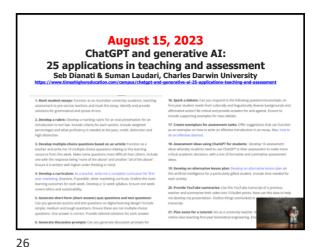
ChatGPT for Language Teaching and Learning

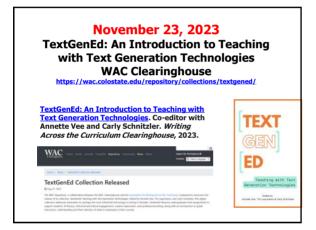
- 2. Correct and explain language mistakes,
- 3. Create texts in various genres (e.g., emails, stories, recipes),
- 4. Develop quizzes,
- 5. Annotate texts, and
- 6. Offer dictionary definitions, example sentences, and translations

March 2024 Student affordances to using ChatGPT The Educational Affordances and Challenges of ChatGPT: State of the Field Helen Crompton and Diane Burke, TechTrends

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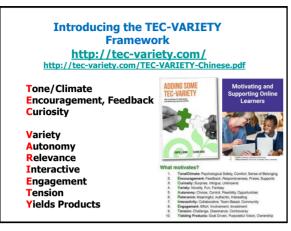
















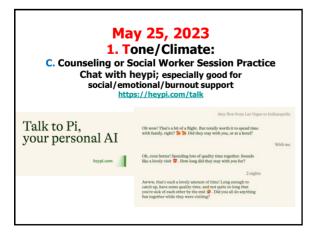
August 15, 2023
1. Tone/Climate:

B. AI Generated Ice Breakers or Team Building
Exercises
25 applications in teaching and assessment
Seb Dianati & Suman Laudari, Charles Darwin University

Act as if it is the first day of class and use proven and effective rapport-building exercises for students to create a sense of community.

A. Develop a series of questions for online students to engage in the class at the same time as I am delivering the class in a physical classroom.

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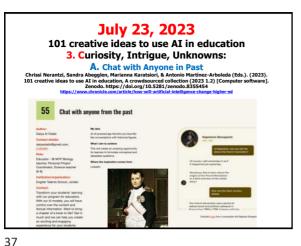
September 8, 2023
2. Encouragement, Feedback:
A. Exam Preparation
https://cybernews.com/academy/news/chatgpt-your-new-academic-mentor/

1. The program can review course material, create a tailored study schedule, summarize and condense information, provide past exam questions, and even offer helpful tips that might make studying easier.

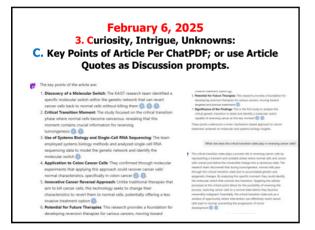
2. By providing the specific areas of study, ChatGPT can help familiarize you with your chosen topic.

3. ChatGPT can explain concepts, summarize key points, generate practical questions, and help you review quizzes and assessments.

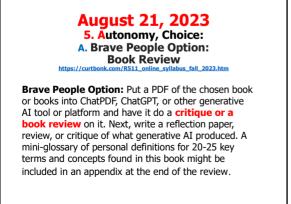
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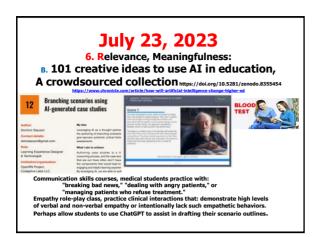












July 23, 2023
7. Interactive, Collaborative: A. Gen AT Assisted Book Summaries and Group Exchanges 101 creative ideas to use AI in education, A crowdsourced collection ntzi, Sandra Abegglen, Marianna Karatsiori, & Antonio Martinez-Arboleda (Eds.). (2023). ideas to use A1 in education, A crowdsourced collection (2023 1.2) [Computer software]. Zenodo. https://doi.org/10.5281/zenodo.8355454 53 Al-generated book summaries

43 44

October 5, 2023

7. Interactive, Collaborative:

B. Book Summary Comparison

Kevin McCullen, an associate professor of computer science at the State University of New York at Plattsburgh

Machines of Loving Grace: The Quest for Common Ground Between Humans and Robots, by John Markoff

Markoff

Markoff

Markoff

- A freshman seminar about AI and robotics, Students work in groups to outline and summarize the first three chapters. Then he showed them what ChatGPT had produced in an outline.
- "Their version and ChatGPT's version seemed to be from two different books," McCullen wrote. "ChatGPT's version was essentially a 'laundry list' of events. Their version was narratives of what they found interesting. The students had focused on what the story was telling them, while ChatGPT focused on who did what in what year." The chatbot also introduced false information, such as wrong chapter names. Found it "soulless."





July 12, 2023 7. Interactive, Collaborative: C. Text Revision

Daniel Stanford's Substack

Text Revision: For activities where students revise or critique AI-generated text, consider how students will annotate their work. For example, your instructions might include one or more of the following guidelines:

- Highlight text in yellow if at least 50% of the sentence was AI-generated without major revisions on your part.
- Use track changes when revising AI-generated text so that the AI text is crossed out and your revised version is shown in a different color.
- Identify at least one place where the AI-generated text is problematic. Highlight this text and use the comment feature to briefly explain why it's problematic and how you would change the text to fix the issue.

45

August 31, 2023

7. Interactive, Collaborative: D. Role Playing Challenging Conversations

https://openai.com/blog/teaching-with-ai

Dr. Helen Crompton, Professor of Instructional Technology at Old Dominion University, encourages her education graduate students to use ChatGPT as a stand-in for a gradulate students to use classer us a status in an apparticular persona—like a debate partner who will poi out weaknesses in their arguments, a recruiter who's interviewing them for a job, or a new boss who might deliver feedback in a specific way.



Last month, educational psychologist Ronald Beghetto asked a group of graduate students and teaching professionals to discuss their work in an unusual way. As well as talking to each other, they conversed with a collection of creativity-focused chatbots based on ChatGPT...at Arizona State University (ASU). Beghetto prompts the bots to take on various personas to encourage prompts the bots to take on various personas to encour creativity — for example, by deliberately challenging someone's assumptions. One student discussed various dissertation topics with the chatbots



July 12, 2023

8. Engagement, Involvement: A. Analyze AI Bias

Daniel Stanford's Substack

Example Activity: Analyze examples of bias in AI output. •Example prompt: Write a scene in a movie script where po ssions interact (e.g., a doctor/nurse, pilot and flight attendant).

·Student reflection question: What gender did AI assign to each role? How did this reinforce or contradict common stereotypes?

•Additional example assignment: Analyze how AI handles racial or gender representation depending on prompt wording. See examples at bit.ly/bias-in-ai-images.

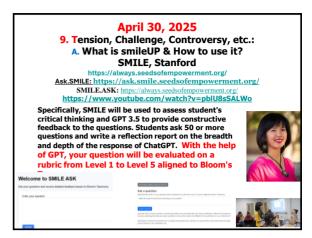
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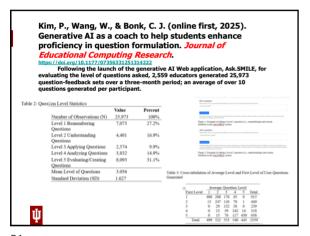
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November 5, 2024

10. Yields Products, Goals:

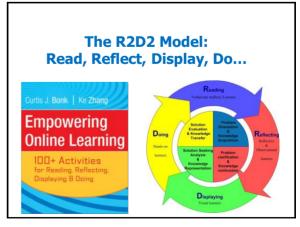
A. Support for Job Applications and Resumes
AI Video Generation (Synthesia)

AI in Education Tutorial (Final Projects R546 Fall of 2024

https://share.synthesia.io/45b37421-90a3-4180-b855-583501 (Synthesia)
#1.14 Video platform. Create professional looking videos in 1404 languages, Pick a
template, choose between 2304 diverse avatars, and type your text.
Synthesia is a synthetic media generation company that develops software used to
create AI generated video content. It is based in London, England.

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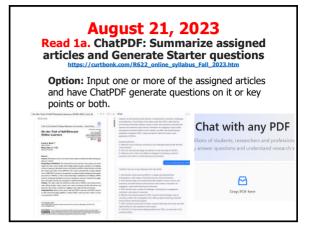
- 1. Read (Auditory and Verbal Learners)
- 2. Reflect (Reflective Learners)
- 3. Display (Visual Learners)
- 4. Do (Tactile, Kinesthetic, Exploratory Learners)

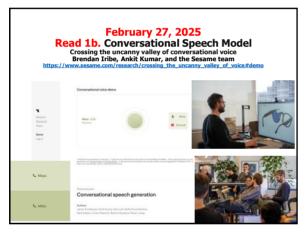












November 23, 2023 Reflect 2a. Translating Policy Document into Plain English (TextGenEd) **Timothy Laquintano, Lafayette College** https://wac.colostate.edu/repository/collections/textgened/professional-writing/translating-a-policy-document-into-plain-english/ This assignment asks undergraduate students to translate a complex policy document into plain English and then compare their output to the output of a large language model asked to do the same task. Students critically compare the semantic choices and sacrifices they made during the translation with the meaning lost during the machine translation, which attunes them to the risks and benefits of LLM output.

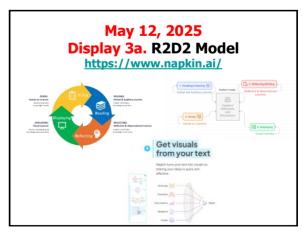
It can be adapted to most disciplines and

course levels.

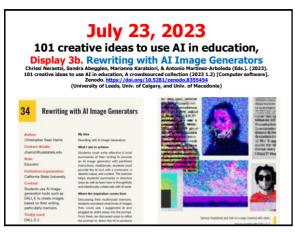
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November 23, 2023 Reflect 2b. AI for Editing (TextGenEd) Nupoor Ranade, George Mason University https://wac.colostate.edu/repository/collections/textgened/profess ional-writing/ai-for-editing/ This assignment asks students to generate a complex essay using an AI text generation tool, edit the essay using principles taught in class to improve the readability score of the generated content. Students are asked to share the final output along with visi that demonstrate the comparison between the var versions of the generated content. This assignment can be adapted for all course levels, especially for first-year writing and professional and technical writing classrooms. How can AI make credible contributions to the writing and editing process?



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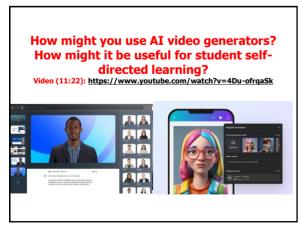
February 16, 2024

A video star is born: OpenAI's Sora stuns with AI act

https://conomictines.indiatheas.com/lack/treshnology/la-video-star-is-born-openais-ora-stuns-with-aiscaffraid-ainey-1077-8880-am-2/form-med

"a giant cathedral is completely filled with cats. there are cats everywhere you look. a man enters the cathedral and bows before the giant cat king sitting on a throne." Video generated by Sora."

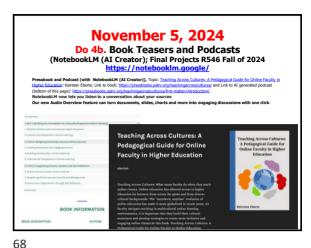
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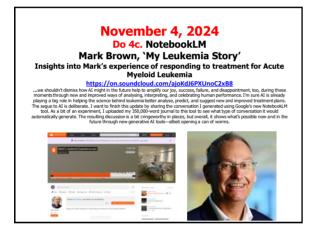




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December 6, 2024 Do 4c. Generate Podcast from Slides (NotebookLM (AI Creator)

Curt Bonk, Student Learning Outcomes (SLO), COACHes Hub
Video (104:25): https://www.youtube.com/watch?v=MQUC7be0iY
bookLM Podcast (17:44): https://scs.com/podcasts/fiday-slo-aliks/1790741/
SLO: https://www.youtube.com/w@studentlearningoutcomes-slos
ebookLM Podcast (20:45): https://www.youtube.com/watch?v=i3llu5FSdsQ
NotebookLM podcast (12:57): https://youtu.be/hPr-pZc0-61

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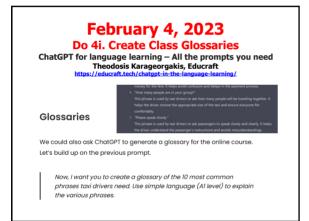
February 19, 2023

Do 4h. Generate images and have students draft stories

DALL'E: An "Intelligent" Illustrator for your Language Classroom

- Ask DALL-E to generate culturally-specific images and then have students research and explain why the image does or does not fit the reality in the context of the target culture.
- Ask DALL-E to generate images based on idioms or proverbs as part of a lesson on them.
- Have <u>students give prompts</u> to DALL-E and then revise the prompts, analyzing why one prompt may have worked better than another or given a different result.

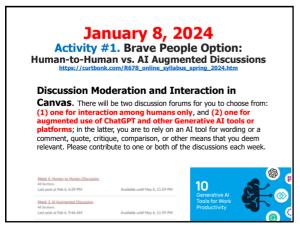
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Motivation Creative Thinking Collaborative Learning

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January 8, 2024
Activity #2. Brave People Option:
Software and Technology Tool Reviewer
https://curtbonk.com/R678_online_syllabus_spring_2024.htm

Software or Technology Tool or Platform
Review.

If you utilized ChatGPT or some other generative AI platform for any
aspect of this assignment, please cite it appropriately. Perhaps you
might put the articles or reviews on a technology tool into
ChatPDF, ChatGPT, or other generative AI tool or platform
and have it do a critique or a book review. If you choose this
route, you are to write a 2-3 page single-spaced reflection paper,
review, or critique of what generative AI produced.

January 8, 2024

Activity #3. Brave People Option: Script Creator and Developer

Cool YouTube Video Creation

You are encouraged to use ChatGPT or some other generative AI tool or platform in the development of your iated work. You will turn in a 2 page single-spaced summary reflection of your design (3-4 pages if with a partner) along with a link to your video or a way to download it. If you utilized an AI tool or platform to support your efforts, please use appropriate citations. Your video and paper will be graded according to the dimensions listed below.



July 18, 2023

Center for Teaching Innovation, Cornell University **CU Committee Report: Generative Artificial Intelligence for Education and Pedagogy**

Activity #4. Computer Programming: Debugging skills - preliminary to coding assignments in intro classes (Compare Human and AI Solutions)

Provide students with snippets of code that have clear errors or issues with them or strange error messages. Teach how to use GAI as a debugging tool to help out in these situations.

- Ask students to:

 1. Run the snippets of code through an interpreter or compiler.

 2. Students diagnose the issue themselves based on the output and write a short description of the problem.

 3. Run the code snippet through GAI and construct a prompt to ask for its description of the problem.

 4. Compare the output of the model with the written description: was it sufficient and does it lead to a different code change than the original student suggestion?

79

80

July 18, 2023

Center for Teaching Innovation, Cornell University **CU Committee Report: Generative Artificial** Intelligence for Education and Pedagogy

Activity #5. Pro and Con Debates.

- A. Use GAI to generate pro and con arguments for a debate that is relevant to the course.
- B. Review course material and readings to augment
- and strengthen these arguments.
 C. Come to class prepared to engage in a debate with
- D. After debate, discuss which arguments were strongest and why.
- E. In-class discussion or written reflection: Students critically analyze what makes a more effective argument.



July 18, 2023

Center for Teaching Innovation, Cornell University **CU Committee Report: Generative Artificial** Intelligence for Education and Pedagogy

Activity #6. Summarize arguments and produce themes.

- A. Use GAI to summarize a meeting transcript into key themes (e.g., congressional meetings, central banker transcripts, corporate earnings reports, etc.).

 B. Students produce a memo that prioritizes the themes and
- adds contextual information on power dynamics or other relevant background information.
- C. In-class discussion or written reflection: Students critically analyze the usefulness of AI in the writing process.

81

82

July 18, 2023

Center for Teaching Innovation, Cornell University **CU Committee Report: Generative Artificial Intelligence for Education and Pedagogy**

Activity #7. Assess validity of sources for accuracy and bias.

- A. Use GAI to find sources for an assignment relevant to the course.
- B. Students review sources, evaluating the usefulness and relevance to the assignment.
- C. Students conduct a similar search using library resources
- D. Students produce an annotated bibliography that assesses the quality, relevance, and reliability of GAI and library sources.
- E. In-class discussion or written reflection: Students critically analyze the usefulness of AI to find reliable and unbiased sources.

July 18, 2023

Center for Teaching Innovation, Cornell University **CU Committee Report: Generative Artificial Intelligence for Education and Pedagogy**

Activity #8. Editing Skills - pre-work for class discussion, in-class activity. (i.e., Two Heads are Better than One).

- A. Have students edit a paragraph or short paper on their own, using a prompt that makes sense for your course (e.g., make this paragraph more concies, strengthen the argument in this paragraph, explain the concept in this paragraph, etc.).

 B. Students run the original paragraph through GAI and ask it to do the same thing that students did in the first step.

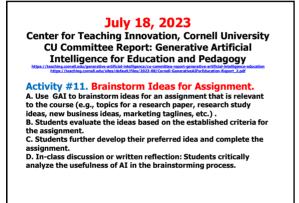
 C. Have students review their editing choices as compared to the editing choices made by GAI and submit a final revised paragraph.

 D. Students complete a written or in-class reflection on why they included their final edits and how they were able to improve on what
- D. Grauents complete a written or in-class reflection on why th included their final edits and how they were able to improve or GAI provided.

83 84







July 23, 2023

101 creative ideas to use AI in education,
Activity #12. Case Study Generation and Discussion

Chrissi Nerantzi, Sandra Abegglen, Marianna Karatsiori, & Antonio Martinos-Arboleda (Eds.), (2023).
101 creative Ideas to use Alberta (1988).

Lando, https://doi.org/10.5381/zenodo.3535454

Indicas case studies: Using ChatGPT for authentic practice scenarios

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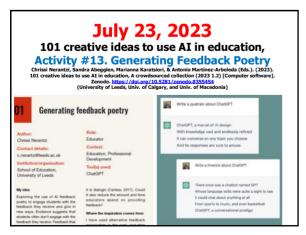
Indicas case studies: Using ChatGPT for authentic practice scenarios

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August 15, 2023

ChatGPT and generative AI: 25 applications in teaching and assessment Seb Dianati & Suman Laudari, Charles Darwin University

Activity #15. Provide Explanations and Reflection Questions.

A. Provide the 10 most common misconceptions and explanations of Carl Jung's work in psychology and how it differs from Sigmund Freud's.

B. Include a Q&A list of prompts for my first-year unit in educational psychology to evaluate their knowledge after class on the topic above.



August 15, 2023

ChatGPT and generative AI: 25 applications in teaching and assessment Seb Dianati & Suman Laudari, Charles Darwin University

Activity #16. Generate Code Snippets.

Ask ChatGPT: How do I make an HTTP request in JavaScript? Answer as if you were teaching first-year programming and offer examples, solutions, issues and common mistakes.



91 92

November 23, 2023

Activity #17. Using AI Text as Prompts for Critical Analysis (TextGenEd)

Juan Pablo Pardo-Guerra, UC San Diego
https://wac.colostate.edu/repository/collections/textgened/rhetoricalengagements/using-ai-text-as-prompts-for-critical-analysis/

In this assignment, students are provided with an AI-generated text relevant to a course's topics and focus and then asked to comment, review, and expand on it using a feature s as "track changes." In engaging with the AI-generated text, students review their knowledge, offer critiques, modify theoretical and empirical claims, and provide concrete examples that illustrate or disprove the provided answer.



October 5, 2023

Activity #18. Annotate a ChatGPT-**Generated Essav**

Gregg L. Michel, University of Texas at San Antonio https://www.chronicle.com/newsletter/teaching/2023-10-05 https://web.hypothes.is/

Gregg L. Michel, an associate professor of history at the University of Texas at San Antonio, asked students in an upper-level course on the history of the civil-rights movement to work in groups to annotate a ChatGPT-generated essay using <u>Hypothes.is</u>. Then each the group rewrote the essay, using what they

wanted of the original in the final draft.



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November 23, 2023

Activity #19, Critical Assessment and Analysis Exercise (TextGenEd)

Nathan Murray, University of Mississippi Elisa Tersigni, University of Toronto Mississauga

du/repo

This assignment asks first-year critical writing students to evaluate the reliability, factuality, and internal reasoning of three anonymized texts, one written by AI, that present conflicting opinions or information. By considering the strengths and weaknesses of these texts independent of contextual information, students are encouraged to develop critical reading skills as well as an awareness of the prevalence of misinformation from both human-generated and AI-generated sources online today.





July 12, 2023

Activity #20. Generate Plans, Guides, Checklists, and **Instructional Design Materials Daniel Stanford's Substack**

Example Activity: Generate guides, checklists, plans, or instructional materials.

They could be used by students as part of an assignment where they develop similar materials to demonstrate their mastery of the subject matter.

Example prompts:

•Create a nutrition plan for a diabetic patient that incorporates the following foods. [Insert foods here.] Provide recipes for breakfast, lunch and dinner for each day of the week $\, \cdot \! \text{Write 20} \ \text{quiz} \ \text{questions}$ that test past-tense verb conjugation for ESL learners with moderate fluency.

·Create a checklist of dos and don'ts for an entrepreneur documenting business expenses for tax purposes.

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

Activity #21. Think, Pair, Share

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



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

Activity #22. List Generator Discussions

Have ChatGPT or any other generative AI rave chatter or any other generative At 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 #23. 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.





April 4, 2024

Teaching with AI: A Practical Guide to a New Era of Human Learning (2024) Activity #24. Blogging and Journaling

Jose Antonio Bowen and C. Edward Watson
https://www.press.jhu.edu/books/title/53869/teachinghttps://www.amazon.com/Chat-GPT-Teachers-Classroom-Harnessing/do/80CPDWK

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. Or ChatGPT could create weekly blog posts to compare to.



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April 4, 2024

Teaching with AI: A Practical Guide to a New Era of Human Learning (2024) **Activity #25. Summary Comparisons** Jose Antonio Bowen and C. Edward Watson https://www.press.jhu.edu/books/title/53869/teaching

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 or in a synchronous setting and derend 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 #26. Human vs. AI Jose Antonio Bowen and C. Edward Watson https://www.press.jhu.edu/books/title/53869/teaching

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 improved.



August 31, 2024 Brave People Option: Activity #27. Research Dig

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?

At Option: Adventurous students might ask ChatGPT or

Al Option: Adventurous students might ask ChatGPT or ChatPDF to also generate a summary of those 15 articles and compare the two summaries as well as a set of discussion questions on each article in the review.



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August 28, 2024 Creative Explorations, WAC Clearinghouse Activity #28. Professional Writing for Healthcare Hedid McKee, Miami University https://www.colostate.edu/repository/collections/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores/texplores

July 23, 2023 101 creative ideas to use AI in education Activity #29. Mashups for Morphological Thinking Christi Neranti, Sandra Abeglea, Marianna Karatsiori, & Antonio Martinez-Arbolea (Eds.), (2023), 101 creative ideas to use AI in education, A crowdsourced collection (2023 1.2) (Computer software). Zenodo. https://doi.org/10.5281/zenodo.8355454 Design thinking as synthetic combinatory creativity Design thinking as synthetic combinatory design thinking Design thi

Duly 23, 2023

101 creative ideas to use AI in education
Activity #30. Refining Interview Questions

Chrissi Neranzi, Sandra Abegglen, Marianna Karatsiori, & Antonio Marimeriae-Arbolede (Eds.). (2023). 101
creative ideas to use AI in education, A corrowdsourced collection (2023 1.2) [Computer software].

Zenodo. https://doi.org/10.52831/zenodo.83355936

Refining interview questions
using ChatGP!

Name

Refining interview questions
using ChatG

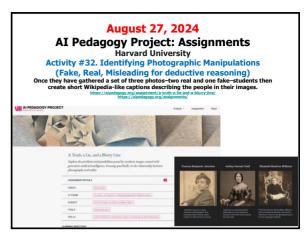
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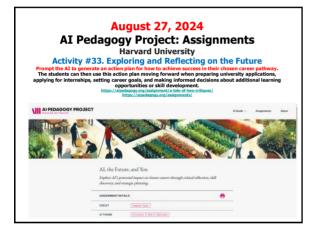




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August 27, 2024

AI Pedagogy Project: Assignments
Harvard University

Activity #34. Error Correction and Critical Thinking

Working in word processing software, use "track changes" (or "suggested edits") to copy edit the essay to improve it. Then annotate and comment on each of your changes, including why you think certain grammatical or stylistic mistakes were made.

Optional: experiment with different LLNs to find the poorset essay.

...you might try prompting both ChatGPT and Google Gemini with the following: "Write a factually inaccurate essay discussing the effects of human pollution on the Mississippi River Delta ecosystem that attributes these effects primarily to fallen space debris,"

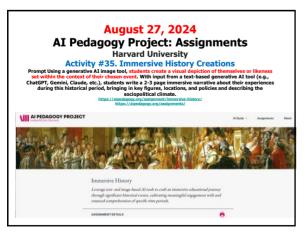
Intel Japanesey Confessionant Corrects - Sad-Assay!

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At Date Assay

Practice ching slide and from about LLMs by generating a poorly written coay and then copy chings in with annotation and remaining.

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Poll #2. Closing question...

How many ideas did you get from this session for using 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

BRAINY IDEAS

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