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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.



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November 2022 to May 2025:
AI, AI, AI, AI...
AI in Higher Education News

Cought off Guard
by AI

Ladder Pulgager by 66 in James and 18

February 26, 2024

AI Will Shake Up Higher Ed. Are Colleges Ready

Taylor Swaak, The Chronicle of Higher Education

https://www.chronicle.com/article/ai-will-shake-up-higher-ed-are-colleges-ready

Job Postings at Colleges

The number of 24 - attained postings on The Chronice's jobs site soared in comparison with all job postings in 2029.

The present charge is all gostings. On The Chronice's jobs site soared in comparison with all job postings in 2029.

Type present charge is all gostings.

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May 15, 2023 **New survey Finds Students are Replacing** Human Tutors with ChatGPT
Intelligent For which subjects have you replaced tutoring sessions with ChatGPT? . "Kids love it, it's cheap." and the results are much better." *Because ChatGPT is better able to know what I need, what my weaknesses are, and what I need to strengthen *Because ChatGPT can not only save on study expenses but also save on time."

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July 10, 2024 'A Professor's Digital Mini-Me' Alex Walters, The Chronicle of Higher Education 'A Professor's Digital Mini-Me'

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August 10, 2023 **Teachers are surprise AI champions** Laura Ascione, eSchool News 62 percent of all respondents have used AI techn Teachers use AI for:

- Research (44 percent). Generating lesson plans (38 percent).

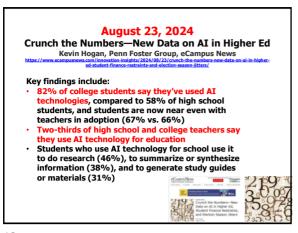
Summarizing or synthesizing information (38 percent).

Generating classroom materials like tests and assignments (37 percent).

• AI technologies help them better understand material (73 percent).

• AI helps them study faster or more efficiently (67 percent). Teachers are surprise AI champions

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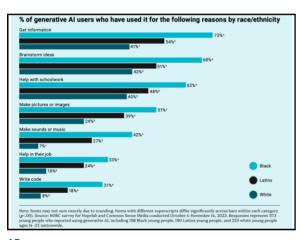


June 18, 2024

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

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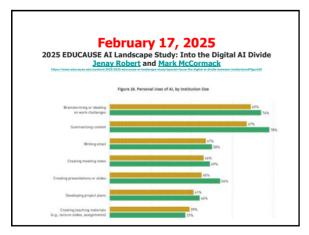


January 30, 2025

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

Digital Education Coun

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Teaching

with AI

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/teacl

- 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 naners.
- · 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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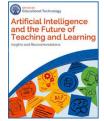
International Association for Language Learning Technology (IALLT): https://iallt.org/# Free Language Technology Magazine (FLTMAG) https://fltmag.com/



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June 13, 2023

U.S. Department of Educational Technology **Artificial Intelligence**





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June 17, 2023, YouTubers using ChatGPT Will AI change the future of language learning? ShuoshuoChinese觉逆中文 https://www.youtube.com/watch?v=TzFepHKifGo

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

Promote and model academic integrity.

· Develop better assignments and assessments.

· Increase transparency, relevance, belonging, and

· In-class active learning and peer learning techniques.

assessments).

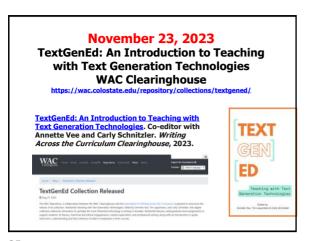
motivation.

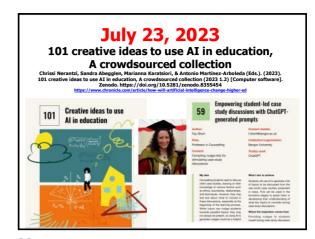
· Have reasonable workloads.

Have flexible deadlines.



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



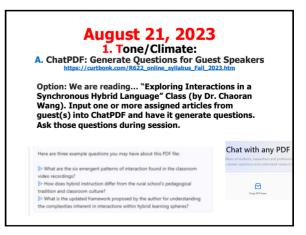




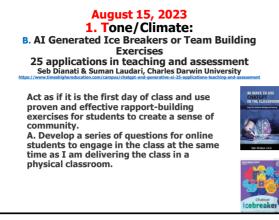
Introducing the TEC-VARIETY Framework http://tec-variety.com/ http://tec-variety.com/TEC-VARIETY-Chinese.pdf Tone/Climate **Encouragement, Feedback** Curiosity Variety **Autonomy** Relevance Interactive Engagement **Tension Yields Products**

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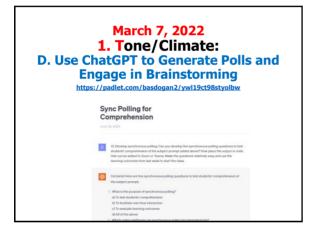


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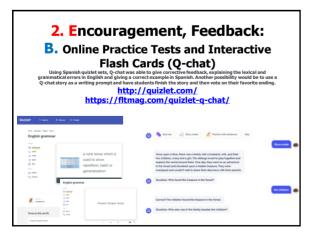
May 25, 2023 1. Tone/Climate: C. Counseling or Social Worker Session Practice Chat with heypi; especially good for social/emotional/burnout support https://heypi.com/talk Talk to Pi. your personal AI

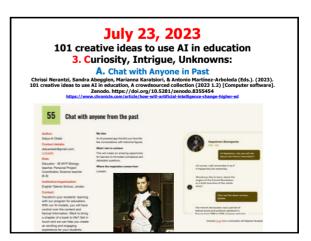
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September 8, 2023 2. Encouragement, Feedback: A. Exam Preparation 1. The program can review course material, create a ored study schedule, summarize and condense information, provide past exam questions, and even offer helpful tips that might make 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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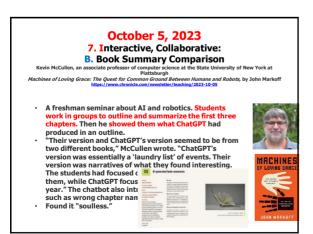






July 23, 2023 6. Relevance, Meaningfulness: B. 101 creative ideas to use AI in education, A crowdsourced collection https://doi.org/10.5281/zenodo.8355454 enerated case studies Communication skills courses, medical students practice with:
"breaking bad news," 'dealing with angry patients," or
"managing patients who refuse treatment."
Empathy role-play class, practice clinical interactions that: demonstrate high levels
of verbal and non-verbal empathy or intentionally lack such empathetic behaviors. w students to use ChatGPT to assist in drafting their scenario outlines.

39 40



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.

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August 31, 2023

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

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

Dr. Helen Crompton, Professor of Instructional Techniat Old Dominion University, encourages her education graduate students to use ChatGPT as a stand-in for a particular persona—like a debate partner who will poi particular persona—inc a ucous persona 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 well as talking to survive collection of creativity-focused chatbots based on ChatGPT...at Arizona State University (ASU). Begin 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

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July 12, 2023 8. Engagement, Involvement: A. Analyze AI Bias Daniel Stanford's Substack





April 30, 2025 9. Tension, Challenge, Controversy, etc.: A. What is smileUP & How to use it? SMILE, Stanford <u>Ask.SMILE:</u> https://ask.smile.seedsofempowerment.org/ SMILE.ASK: https://always.seedsofempowerment.org https://www.youtube.com/watch?v=pblU8sSALWo Specifically, SMILE will be used to assess student's critical thinking and GPT 3.5 to provide constructive feedback to the questions. Students ask 50 or more questions and write a reflection report on the breadth and depth of the response of ChatGPT. With the help of GPT, your question will be evaluated on a rubric from Level 1 to Level 5 aligned to Bloom ne to SMILE ASK

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 people in specific professions interact (e.g., a doctor/nurse, pilot and

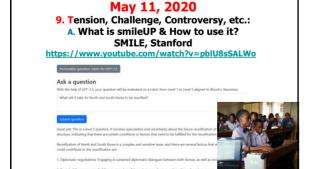
•Student reflection question: What gender did AI assign to each role? How did this reinforce or contradict common

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

flight attendant).

stereotypes?

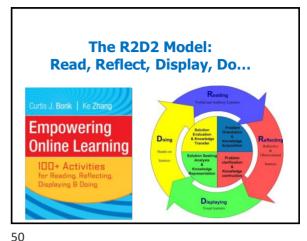
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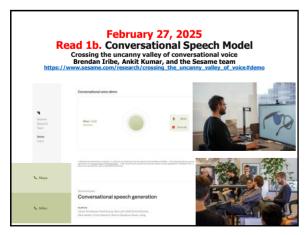






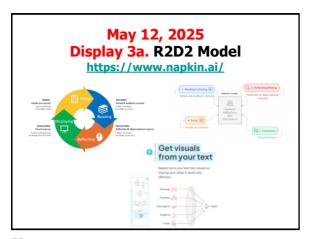
August 21, 2023
Read 1a. ChatPDF: Summarize assigned articles and Generate Starter questions **Option:** Input one or more of the assigned articles and have ChatPDF generate questions on it or key points or both. Chat with any PDF

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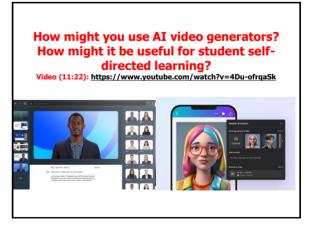






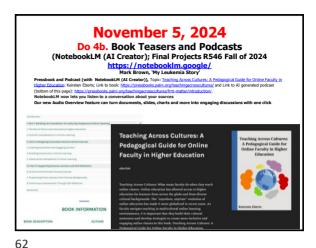
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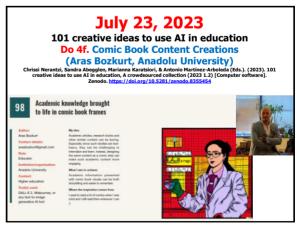




May 15, 2025 Do 1d. Suno: Makes a Song About Anything How About: The medical educators and AI song, indie rock https://suno.com/ auno.com/song/5343dd7d-8bcd-4d01-88ab-0a41c4469f5c io.com/song/8704ddfc-5d25-4488-95e9-37863b06e3cd The Future We Create: https://suno.co

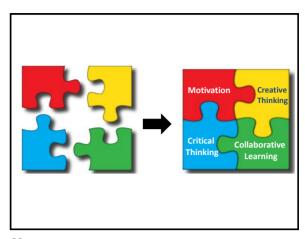
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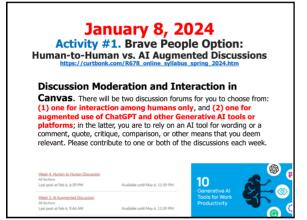




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January 8, 2024
Activity #2. Brave People Option: **Software and Technology Tool Reviewer** Software or Technology Tool or Platform Review. If you utilized ChatGPT or some other generative AI platform for any If you duized character or some order generative AL 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 AL 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.

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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?

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July 18, 2023

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

Activity #5. 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
- 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.

November 23, 2023

Critical Thinking #6. Using AI Text as Prompts for Critical Analysis (TextGenEd)

Juan Pablo Pardo-Guerra, UC San Diego c.colostate.edu/repository/collections/textgened/rheto gements/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 such as "track changes." In engaging with the AIgenerated text, students review their knowledge, offer critiques, modify theoretical and empirical claims, and provide concrete examples that illustrate or disprove the provided answer.



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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 #7. 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.



February 10, 2023

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

Activity #8. Think, Pair, Share

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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December 3, 2023

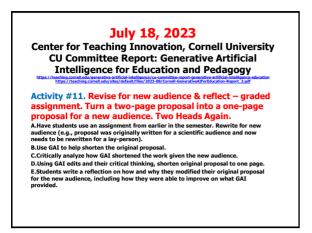
ChatGPT for Teachers: AI in the Classroom: Harnessing the Power of ChatGPT for Effective Teachings Pacifico Zanzara (K-12 or higher ed)

Activity #9. Interactive Lessons

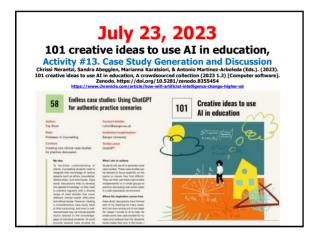
ChatGPT or any other generative AI tool could be used to generate interactive and engaging content including science experiments, simulations, historical scenarios, controversial cases situations, creative writing prompts, etc.

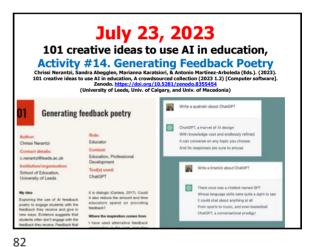




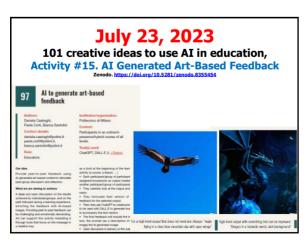








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February 10, 2023
80 Ways to Use ChatGPT in the Classroom Stan Skrabut, Ed.D.
Activity #16. Think, Pair, Share https://www.amazon.com/80-Ways-Use-ChatGPT-Classroom/dp/808VC8MXIV

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

83 84

February 10, 2023

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

Activity #17. 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 #18. 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. 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 #19. 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 AL 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.



July 23, 2023

101 creative ideas to use AI in education

Activity #20. Refining Interview Questions Chrissi Nerantzi, Sandra Abegglen, Marianna Karatsiori, & Antonio Martinez-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.3535454



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July 23, 2023

101 creative ideas to use AI in education

Activity #21. Reflections on Alternative Environments (Climate Change)

Chrissi Nerantzi, Sandra Abegglen, Marianna Kara 101 creative ideas to use AI in education, A crowds

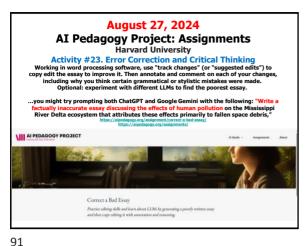


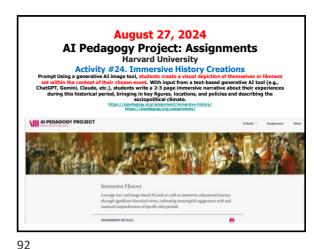
August 27, 2024 **AI Pedagogy Project: Assignments** Harvard University Activity #22. Identifying Photographic Manipulations (Fake, Real, Misleading for deductive reasoning)
they have gathered a set of three photos-two real and one fake—studen
reate short Wikipedia-like captions describing the people in their image
thinks. Jibideagoor of Justianents Leith-lie and s-bolum-lini
Thinks. Jibideagoor of Justianents Leith-lie and s-bolum-lini













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



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We are entering a jumping off point...



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Things are heating up!



The Learning Revolution is coming within reach!



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