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ChatGPT:
Transforming Classroom Instruction, Amplifying Lesson Planning, and Empowering Student Learning!

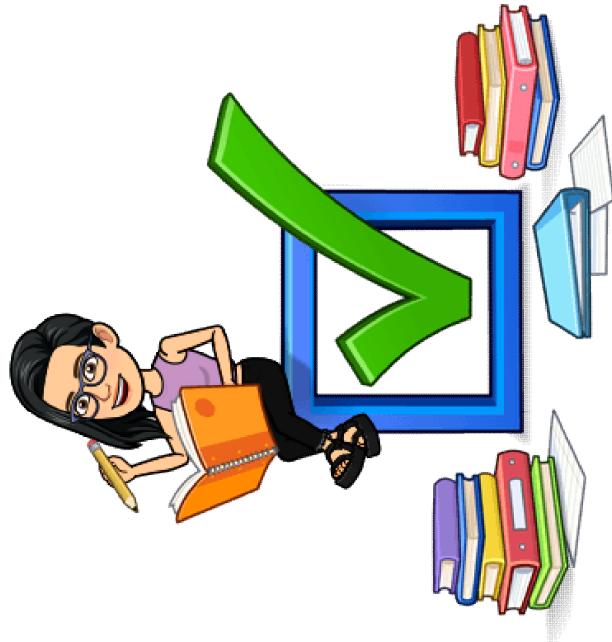
Vi Hawes
VH Ed Tech Consulting, LLC



session survey

Agenda:

1. Introduction & Ice breaker
2. What is AI and ChatGPT?
3. Exploring ChatGPT
4. Strategies for Teachers
5. Engaging Students
6. Other Resources



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INTRODUCTION

Vi Hawes (she/her)



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Consultant, Ed Tech Specialist,
ESOL Instructor
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LinkedIn: <https://www.linkedin.com/in/vi-hawes/>

Fun facts:

- I completed both a half and a full marathon.
- I can speak three languages.
- I'm pursuing a Master's in Ed Tech



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K-W-L Chart

Topic: Artificial Intelligence / ChatGPT

What I Know	What I Want to Know	What I Learned

Disclaimer:

Perspectives on AI will vary. This presentation aims to inform about AI's impact on education. Your views are respected; whether to embrace or challenge AI is a personal choice. Let's explore together!

What is Artificial Intelligence (AI)?

A brief overview...

- Artificial Intelligence refers to systems that can do things that usually require human intelligence.
- It's like a digital brain that can analyze data, make decisions, and even learn from its experiences.



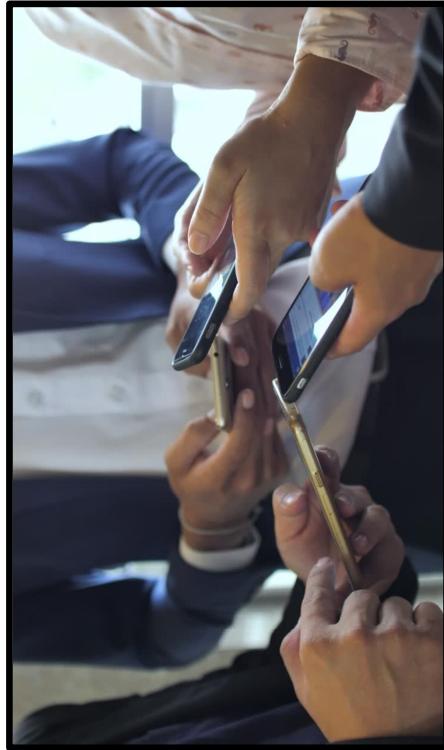
AI is already in many parts of our daily lives!

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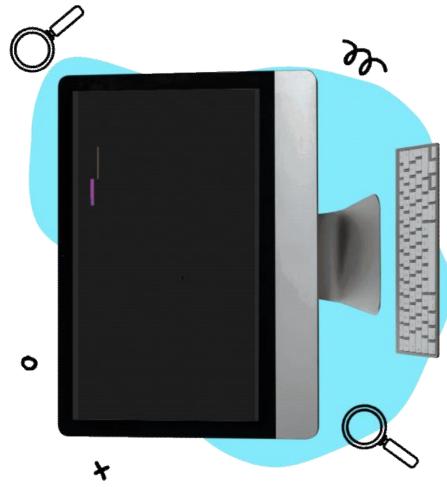
Examples of AI We Already Use

- Siri on your iPhone, finding you a restaurant.
- Facebook recommending friends.
- iPhone word predictions.
- Netflix suggesting a show.
- Spotify making a playlist based on your likes and dislikes.
- Google Maps getting you home.
- Google Translate



This New AI is called Generative AI

Generative AI can create new content including text, images, music, and videos.

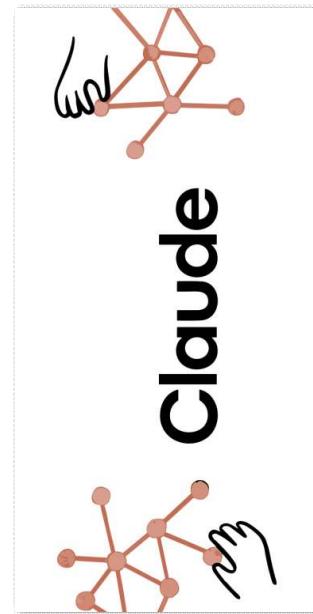


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- ChatGPT
- Google's Gemini
- Microsoft's CoPilot
- Claude AI
- and more!



★
Gemini

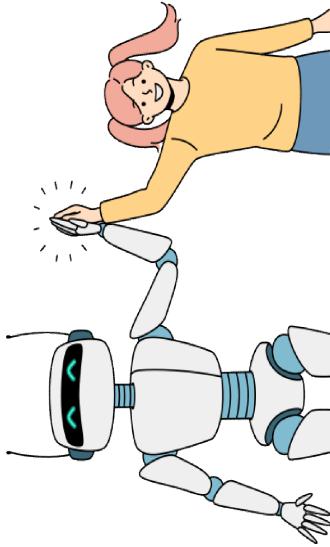
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In simple terms...

AI can do things that usually require human intelligence.

Generative AI can create things that usually require human intelligence.



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Bill Gates – Founder of Microsoft



“This will change
our world...”

“The development of AI is as fundamental as the creation of the microprocessor, the personal computer, the Internet, and the mobile phone. It will change the way people work, learn, travel, get healthcare, and communicate with each other. Entire industries will reorient around it.”

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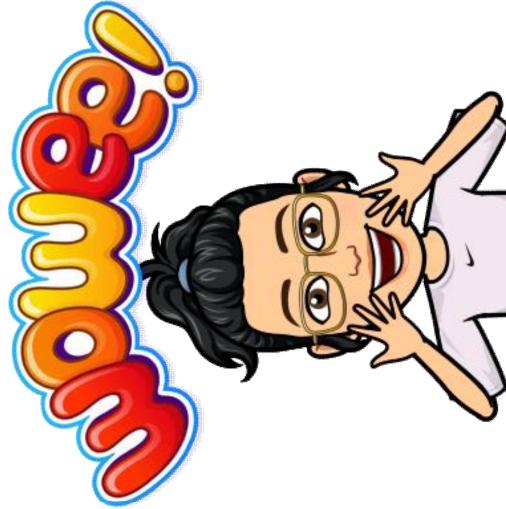
How will this impact adult education?



What is ChatGPT?

In simple terms...

- Instead of searching a topic in Google, ask ChatGPT a question, and it will respond in conversational language like a chatbot. It will create a NEW response each time a question is asked.
- You can add on to your questions and continue chatting until you get an acceptable response.



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The Backstory



What is it?

- ChatGPT (Generative Pre-trained Transformer) is an AI tool that was developed by a company called OpenAI.
- It's a **large language model (LLM)** that has been trained to respond to questions and prompts using all of the data on the web (text, websites, articles, etc.)

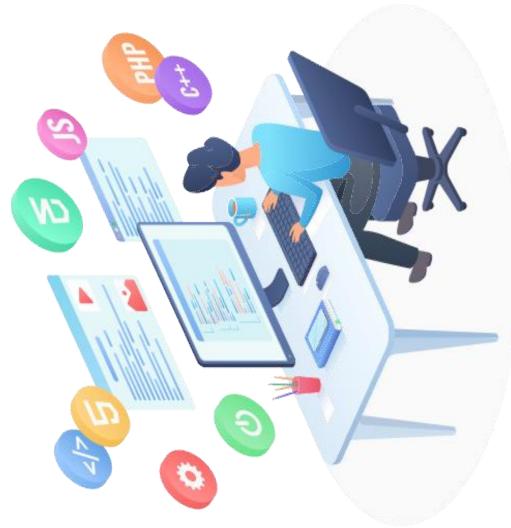
[Click here for full AI glossary terms](#)

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What can ChatGPT do:

- Create content, lesson plans, quizzes, classroom activities, anything you can think of!
- Engage in interactive and informative conversations about any subject.
- Provide explanations of complex topics, offer teaching tips, and even help with research.



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Concerns and Limitations

- Biased AI information.
- Inaccurate or unreliable information (GPT-4o knowledge cutoff is October 2023).
- Academic integrity, plagiarism, cheating.
- Data privacy concerns.
- Equitable access to AI.



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How do I use it?

- Go to chat.openai.com/chat
- Create an account
 - Provide email address, verify the email if necessary
 - Start asking questions or giving it “prompts.”

Draft an email
to request a quote from
local plumbers



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Demo of ChatGPT

- Create an 8-lesson unit on Digital Citizenship
- Include a hook activity
- Small group activity
- Exit tickets
- Quiz on lessons
- Final test for unit
-



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What is a “Prompt”?

A prompt is the initial message or instruction given to the chatbot to start a conversation or guide the response.

- A single statement
- A question
- Several questions or statements



A diagram illustrating the ChatGPT interface. At the top, the text "ChatGPT" is displayed above a large downward-pointing arrow. Below the arrow, there are four columns: "Examples" (with an icon of a lightbulb), "Capabilities" (with an icon of a brain), "Limitations" (with an icon of a triangle), and "Instructions" (with an icon of a document). Each column contains a list of items related to that category. The "Examples" column includes: "Explain quantum computing in simple terms" → "Got any creative ideas for a 10 year old's birthday?" → "How do I make an HTTP request in Javascript?" →. The "Capabilities" column includes: "Remembers what user said earlier in the conversation" → "Allows user to provide follow-up corrections" → "Trained to decline inappropriate requests". The "Limitations" column includes: "May occasionally generate incorrect information" → "May occasionally produce harmful instructions or biased content" → "Limited knowledge of world and events after 2021".

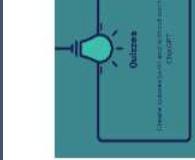
Prompt Ideas / Resources

Assessment

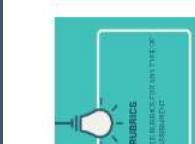
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Quizzes



Rubrics



Bloom's Taxonomy



Quizzes

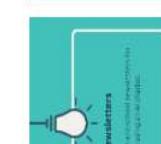
Want to partner with AI for Education at your school or district? [LEARN HOW](#)

Communication

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Email Responses



Newsletters



Email Responses -



Slides



Reference Letters

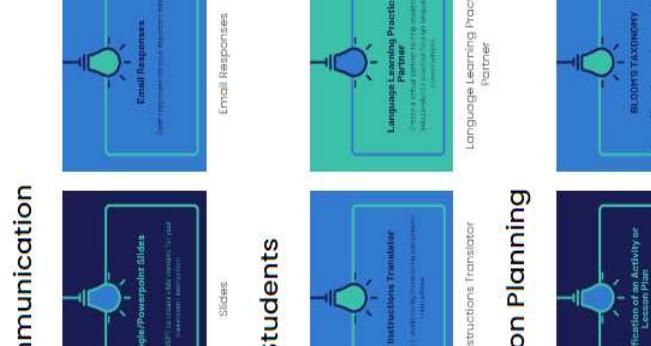


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Research Project Ideas



Thanksgiving Activities



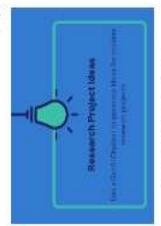
Language Learning Practice



ELL Instructions Translator

For Students

[VIEW ALL](#)



Slices



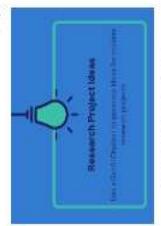
Language Learning Practice



ELL Instructions Translator

Lesson Planning

[VIEW ALL](#)



Slices



BLOOM'S TAXONOMY



Unit or Lesson Objectives



Activity 1: Exploring ChatGPT

Overview:

In this activity, we'll explore how ChatGPT can assist us in tackling daunting tasks or challenges we face as educators.



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Step 1: Reflect on Challenges

- Take a moment to think about a specific task or challenge you find daunting or difficult in your work as an educator.
- Consider the challenges related to:
 - lesson planning
 - classroom management
 - student engagement
 - assessment
 - other aspects of your teaching practice

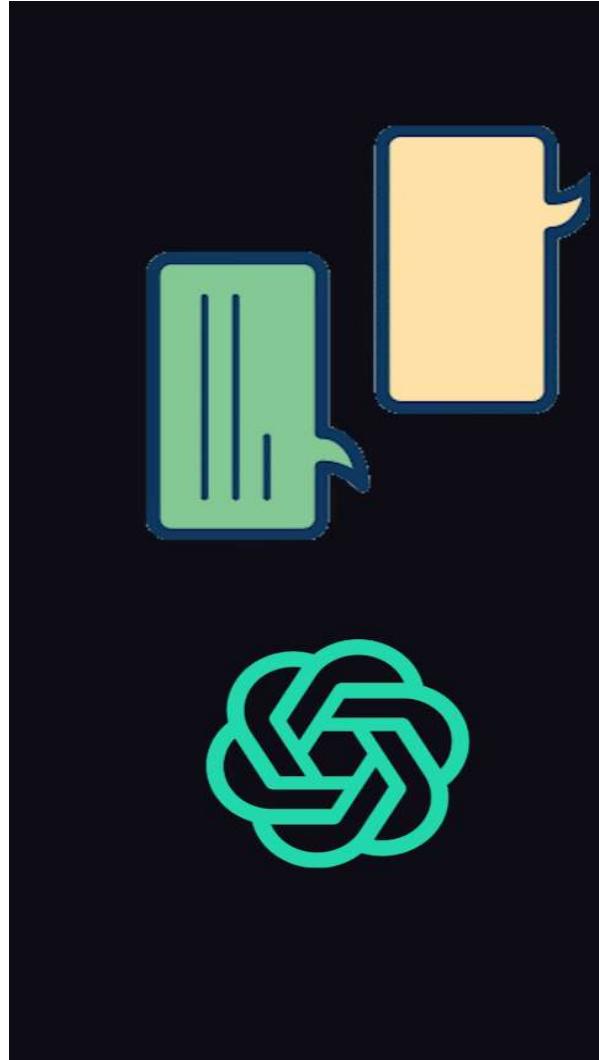


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Step 3: Create Prompts

- Formulate a prompt to ask ChatGPT for assistance or guidance on addressing your chosen task or challenge.
- Utilize the prompt resources provided earlier as inspiration and guidance in crafting your prompt.



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Step 4: Input prompts to ChatGPT

- After inputting your prompts and receiving your responses, analyze the responses and consider how you could apply the suggestions or insights provided to your teaching practice.



Step 5: Reflection and Discussion

- Did ChatGPT's response match your expectations? How so?
- What new ideas or perspectives did ChatGPT offer?
- How could you use ChatGPT to improve your teaching?
- What should we keep in mind when using AI in education?



Activity 2

Fact or Fiction? With ChatGPT

1. You will work in a group.
2. You will be given 10 different statements. Some of them are true and some of them are false.
3. You will use ChatGPT to research the truth of these statements.
4. Then, you will also do a separate internet research to compare and contrast your results.
5. Discuss your findings with your group, considering the source and evidence behind each statement.

1. The population of the earth is over 8 billion people.
2. The Great Wall of China is visible from space.
3. Elephants are the only mammals that cannot jump.
4. The Mona Lisa was painted by Leonardo da Vinci.
5. Chocolate comes from a vegetable.
6. The world's quietest room is located in Minnesota.
7. Goldfish have a memory span of only 3 seconds.
8. The Earth is the hottest planet in our solar system
9. Bananas are a natural source of antacids.
10. The population of the world is made up mostly of adults.

Activity 2: Reflection and Discussion

Understanding AI and Fact-Checking:

- What were the differences between ChatGPT's answers and the information from reliable sources?

Critical Thinking and Analysis:

- How did you decide if a statement was true or false?
- Did you notice any biases in the way ChatGPT provided information?

Skills Development:

- What did you learn about using AI tools for research?



✓ Strategies for Teachers



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1. Explore ChatGPT when you're not teaching.

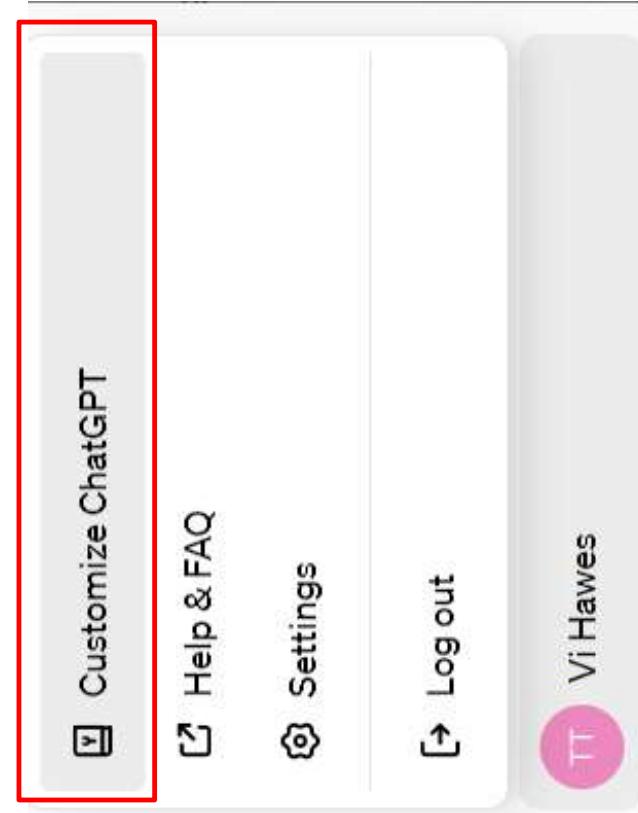
The last thing you want to do is explore a new tool on top of teaching and other tasks.



✓ Strategies for Teachers

2. Turn ChatGPT into YOUR assistant.

Add custom instructions to ChatGPT. This allows you to share anything you'd like ChatGPT to consider in its response.



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Custom Instruction Ideas

TEACHERS:

- NRS Level and subject
- Course objectives and outcomes
- preferred lesson length
- content standards
- pedagogical/andragogical approach
- class size
- inclusion practices and accommodations
- assessment preferences

ADMIN / LEADERSHIP

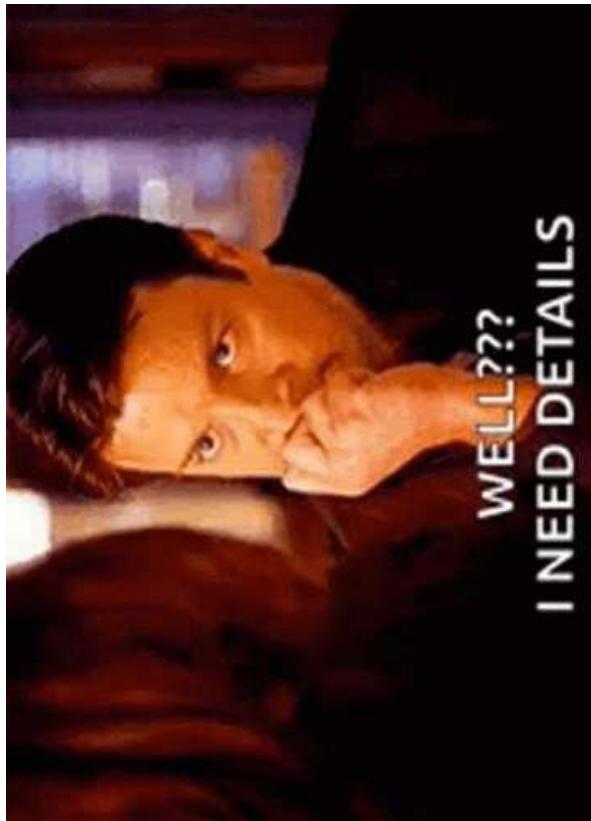
- Your role or title
- School or district
- Specific initiatives or strategic plans
- resources that staff, faculty or students might find useful
- policies and procedures at school.





✓ Strategies for Teachers

3. Be detailed in your prompts.



The more details you include in your prompts, the better the responses.



Strategies for Teachers

4. Put on your skeptic hat when using AI.

Is the response accurate? Is it biased or misinformed?

Always fact check and cross reference information. For ChatGPT 4o, the knowledge bank is limited up to October 2023.





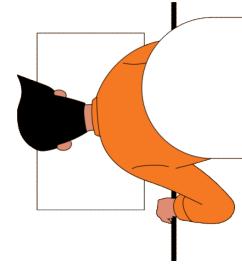
Strategies for Teachers

5. Transparency is KEY!

Establish clear expectations and policies is imperative. Determine how YOU want to use Generative AI in the classroom and how you want your students to use it.

Example:

Create a GAI (Generative AI) policy and how it will be used in your syllabus or establish that rule at the start of class.



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Generative AI in this course: This course has a generative AI policy to acknowledge that technology, including AI, can play a supportive role in the learning and feedback process. While I don't mandate the use of generative AI, I am open to its application as long as you provide proper citations and acknowledge the assistance received from AI tools (ChatGPT or Bard). During class, we will have the opportunity to use AI tools in our activities. The goal is to encourage you to explore various learning aids, including generative AI powered tools, while still maintaining academic integrity. Here are some ideas on how to use generative AI as part of your learning:

1. Use it as a **brainstorming tool**.
2. Ask for **explanations**.
3. Get **writing suggestions**.
4. Ask for **English grammar help**.





Strategies for Teachers

6. Rethink how you assess your students

Balance traditional written assignments with collaborative and project-based assessments to promote critical thinking and reflection.

Example: Diary entries, lecture summaries, discussion prompts, peer reviews,



✓ Strategies for Teachers

7. Keep it human-centric.

- Supplement, don't replace human interaction.
- Facilitate critical thinking and evaluation skills.
- Encourage collaboration and peer learning.
- Lead by example by demonstrating ethical AI use.
- Continue reflection on the use of ChatGPT.



Engaging Students



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Student Activity 1

Choose one of the following prompts to type into ChatGPT:

1. **You have rice and tomatoes at home. Ask ChatGPT for a simple recipe using these ingredients.**
2. **You want to eat healthier and become stronger. Ask ChatGPT for a fitness plan to help you meet those goals.**
3. **Use ChatGPT to figure out the best way to become more fluent in speaking English.**
4. **Create your own prompt.**

I was delighted with ChatGPT's answers, so I decided to test his knowledge. It gave me quickly the correct answers. It was impressive, and very interesting and helpful. It possesses a large amount of information, it knows how to discuss the questions posed, and knows how to compare and distinguish between objects. It can give advice and recommendations. If you need some information about the garden, it can help you find it. In my case, as a gardener, it saves me time on choosing plants for my garden. I think it will be a good helper for me and my gardening.

What a fun surprise! ChatGPT did a good job helping me discover better ways to study English so I can become more fluent in English. I'd definitely use some of its advice.

It was real nice being able to practice some grammar with ChatGPT. I think I'll take advantage of it because I feel like it's more dynamic and fun. I loved that it suggested great material, like websites, to keep practicing.



1. I asked to provide me with the 1600 calories menu, but his first answer was not specific.
2. I would use his suggestions for inspiration, but may be I would still adjust it or search other options in google.
3. I tried to ask him for advice in writing scripts, but he was not creative, I spent a huge amount of time on describing and paraphrasing. So at the end of the day it was easier and better to do it myself. So I do use ChatGPT when I don't have time for the research. But not for work.

Student Activity 3

Comparing First Aid Instructions

Names: _____ Injury type: _____

Compare the instructions:

- Similarities:

- 1.
- 2.
- 3.
- 4.

Which had more detailed instructions, the video or ChatGPT?

Interesting information from ChatGPT responses:

Which instructions do you think would be more helpful if you had to treat this injury and why?

Step-by-Step Instructions from Video:

In summary, what are the benefits of learning first aid instructions from videos versus AI chatbots? What are the limitations?

Step-by-Step Instructions from ChatGPT:



Other Resources



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ChatGPT and AI Resources



- AI Resources for Adult Ed (Ed Tech @ World Ed)
- AI & Ethics info slides
- AI Guidance for Schools Toolkit
- Prompts for Educators slides
- How to Create a Generative AI Policy
- Rethinking Assessments for GenAI
- AI in English Language Learning Scholarly Paper
- Lesson Plans / Slides on AI



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K-W-L Chart

Topic: Artificial Intelligence / ChatGPT

What I Know	What I Want to Know	What I Learned

What questions do you have?



Session Survey

Your feedback is important. Please scan the QR code below to rate this session.



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