

AI in Education

A Quick Look at ChatGPT



Have you heard of ChatGPT? It's an amazing language model developed by OpenAI that can generate human-like responses to text prompts. It's like having a little language expert right at your fingertips!

Using ChatGPT is simple. You just give it a prompt or question, and it generates a response that's coherent and relevant. The best part? It's been trained on all sorts of text sources, so it can communicate like a real human being.

But how can you use ChatGPT in the classroom, you ask?

Well, the possibilities are endless! You can use it to give your students instant feedback on their questions or prompts, helping them understand the topic better. You can use it to generate fun writing prompts that'll inspire your students' creativity. And if you want to break the ice in the classroom or get students talking, ChatGPT can generate conversation starters too! Take a look at the list below to get ideas on ways you can use ChatGPT.

Grading & Assessments

- Instant feedback on student questions or prompts
- Multiple-choice questions or quizzes for formative assessment
- Analyzing and critiquing generated responses

Communication

- Conversation starters and icebreakers
- Discussion questions for group work or class discussions
- Examples of persuasive language or argumentation
- Examples of famous speeches or quotes for learning about public speaking and rhetoric

Language Learning

- Personalized study guides or lesson plans
- Learning a foreign language by generating responses in the target language and providing translations

20+ ways to use ChatGPT

Writing Styles

- Writing prompts to inspire creativity and develop writing skills
- Developing different writing styles

Subject-Specific

- Brainstorming activities, such as generating ideas for a creative writing assignment
- Art and design prompts, such as creating a visual representation of a concept or character from a book
- Theater and drama prompts, such as generating dialogue for a scene or improvisation exercises
- Music and songwriting prompts, such as creating lyrics or composing a melody for a song
- Photography and visual arts prompts
- Technology and coding prompts, such as generating ideas for a new app or programming a simple chatbot
- Geography and cultural prompts, such as learning about different countries

Fun & Engaging

- Fun and engaging educational games, such as trivia or word games
- Role-playing prompts
- Scriptwriting ideas
- Interactive storytelling
- Sci-fi worldbuilding
- Virtual field trips



ARTIFICIAL INTELLIGENCE

TO USE OR NOT TO USE?

THAT IS THE *ethical* QUESTION FOR STUDENTS

PERSONALIZE LEARNING

Using AI tools can help students get an experience tailored to their unique learning styles. It can easily summarize topics into multiple ways for improved comprehension.

GENERATE IDEAS

AI can be a very useful tool, providing a springboard for new ideas across a wide range of possibilities.

IMPROVE CURRENT WORK

AI can be used to further expand on original ideas providing additional insight or suggestions to improve the outcomes or goals of the tasks.

YES

CONSIDERATIONS

Cite all AI tools used for support. Ensure your teacher allows it! Review your school handbook. Verify accuracy by checking for hallucinations (incorrect AI output). Cross-check to determine potential bias.

RESEARCH

Using AI to gather information, cite quotes, and perform research, could potentially result in incorrect information known as hallucinations.

COMPLETE ASSIGNMENT

Using AI to completely finish an assignment removes the opportunity for critical and creative thinking to take place.

CONSIDERATIONS

Hallucinations are a risk when using generative AI tools. This is when AI provides false or fictitious information. Information generated by AI can be unfair or bias based on the input of online data.

NO

WHAT IS ARTIFICIAL INTELLIGENCE?

Artificial Intelligence (AI) is defined as machines or software that replicate human cognitive processes in order to learn, reason, perceive, and make decisions.

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Considerations for Districts/Classrooms

- Do we allow students to use it?
- Ethical considerations
- Classroom policy for Use
- Incorporating it into lessons
- Can we prevent plagiarism?
- Prohibit
- Curb and Limit
- Controlled Project
- Allow and Demonstrate Use

Opportunities to Prepare Students for Their AI Future

- Stress the academic importance of original work—academic integrity
- Define plagiarism and its impact to work ethic
- Discuss the importance of honesty, integrity, and responsibility

Practical Tips

- Don't put PII in the system
- ChatGPT data is through September 2021
- Use rubrics for grading
- Plagiarism checking systems have been developed
- It is not always accurate – but neither is a Google Search



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What is the Challenge for AI Detectors?

- AI is changing and adapting daily
- You can tell it the tone and voice to take and reduce the vocabulary to make the writing seem more human
- You need a different type of AI checker for the different AI tools
- The AI detector doesn't recognize all AI generated text yet

The Art of the Prompt

Lesson Plan

- Define the role of the lesson plan creator
- Specify the standard or standards
- Be specific about your outcome or goal (you can use a bulleted list)
- Specify the lesson plan style, model, or template (5E, Backwards Design, SAMR Model, Universal Design for Learning, etc.)
- Give it any additional specific instructions

Rubric

- Define the role of the rubric creator
- Identify your levels
- Identify your criteria for levels
- Identify your criteria for grading

Keeping Kids Safe Online



What is all this about AI?

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Online Safety Tips

- Incorporate online safety lessons into your curriculum
- Teach students responsible online behavior
- Monitor students' internet use during class activities and provide support
- Teach students how to identify and report inappropriate online behaviors
- Stay informed about latest online threat
- Collaborate and inform parents to reinforce online safety at home
- Teach students about online privacy settings for different platforms (location)

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