

# ChatGPT: Optimizing Language Models for Dialogue

We've trained a model called ChatGPT which interacts in a conversational way. The dialogue format makes it possible for ChatGPT to answer followup questions, admit its mistakes, challenge incorrect premises, and reject inappropriate requests. ChatGPT is a sibling model to [InstructGPT](#), which is trained to follow an instruction in a prompt and provide a detailed response.

[TRY CHATGPT](#) ↗



**Dr. Saleit Ron**

# How to start a lesson on chatbots for future teachers?

To start a lesson on chatbots for future teachers, you may want to begin by introducing the concept of chatbots and their potential uses in education.

This could include a brief overview of what chatbots are and how they work, as well as examples of how they have been used in educational settings.



## How to start a lesson on chatbots for future teachers?

Next, you could discuss the benefits of using chatbots in education.... You could also discuss the potential challenges and limitations of using chatbots in education....



# How to start a lesson on chatbots for future teachers?

Finally, you could provide hands-on activities or examples for the teachers in training to practice creating or working with chatbot and provide them with resources and materials they can refer to as they plan and implement chatbot in their future classrooms.



## Should we follow the pathway the chatbot suggested?

**"Would you tell me, please, which way I ought to go from here?" "That depends a good deal on where you want to get to," said the Cat. "I don't much care where" said Alice. "Then it doesn't matter which way you go," said the Cat."**

Lewis Carroll, Alice in Wonderland



How to start a lesson on chatbots for future teachers?

**A**ction  
**B**efore  
**C**oncept



# Action

- Log into ChatGPT
- Start a chat – ‘create a 5E lesson plan on...’
- Read the response and the note
- Continue the chat with 2 follow-up questions
- Compare and contrast: (5 similarities and/or differences)

Your original version vs. the ChatGTP version



It's a chat, not a search engine!!!

+ New chat

5e Lesson Plan Dreams  

ChatGPT Language Model.

Think Pair Share Strategy

Chatbot for Future Teachers.

*Due to high demand on our systems,  
previous conversations are  
temporarily unavailable*

 Clear conversations

 Dark mode

 OpenAI Discord

 Updates & FAQ

 Log out

SA

create a 5e lesson plan on dreams



Lesson Title: Understanding Dreams in 5th Edition



Objective: Students will be able to identify the different types of dreams and their meanings, as well as understand the importance of dreams in literature and culture.

Materials:

- Copies of "The Interpretation of Dreams" by Sigmund Freud
- Copies of "A Midsummer Night's Dream" by William Shakespeare
- Chart paper and markers

Introduction (10 minutes):

- Begin by asking students if they have ever had a dream that they couldn't forget or that seemed particularly meaningful.
- Introduce the concept of dreams and their meanings in literature and culture.
- Provide a brief overview of Sigmund Freud's theories on the interpretation of dreams.

Direct Instruction (20 minutes):

 [Regenerate response](#)

+ New chat

5e Lesson Plan Dreams  

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5E lesson plan has 5 parts: engage, explore, explain, elaborate, evaluate



Engage (10 minutes):



- Begin by asking students if they have ever had a dream that they couldn't forget or that seemed particularly meaningful.
- Show a short video about the different types of dreams and their meanings.

Explore (20 minutes):

- Divide students into small groups and provide each group with a copy of "The Interpretation of Dreams" and chart paper.
- Have students read a section of the book and discuss the main ideas.
- Have each group create a chart on the different types of dreams and their meanings.
- Allow each group to present their charts to the class.

Explain (20 minutes):

- Provide a brief overview of Sigmund Freud's theories on the interpretation of dreams.
- Use examples from the charts created by the groups to explain the different types of dreams and their meanings.

 Regenerate response

+ New chat

5e Lesson Plan Dreams  

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Can you adapt the program for elementary school children?



Sure, here's an adapted version of the lesson plan for elementary school children:



Lesson Title: Understanding Dreams in Elementary School

Objective: Students will be able to identify different types of dreams, understand the importance of dreams, and express their thoughts and feelings through creative writing and art.

Materials:

- Children's books about dreams, such as "Where the Dreams Go" by Emma Dodd
- Chart paper and markers
- Colored pencils or crayons

Engage (10 minutes):

- Begin by asking students if they have ever had a dream that they couldn't forget or that seemed particularly meaningful.
- Show a short video or read a ch  Regenerate response ns and their meanings.

+ New chat

5e Lesson Plan Dreams  

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Explore (20 minutes):

- Have students share any dreams they remember from the previous night or any recent dreams.
- Have students brainstorm and create a list of different types of dreams, such as good dreams, bad dreams, and silly dreams.
- Have students create a chart on the different types of dreams and their meanings.

Explain (15 minutes):

- Discuss the importance of dreams in our lives and how they can reflect our thoughts, feelings, and experiences.
- Use examples from the chart to explain the different types of dreams and their meanings.

Elaborate (30 minutes):

- Have students draw or paint a picture of their favorite dream or a dream they remember.
- Have students write a short story or poem about their dream.
- Have students share their artwork and writing with the class.

Evaluate (10 minutes):

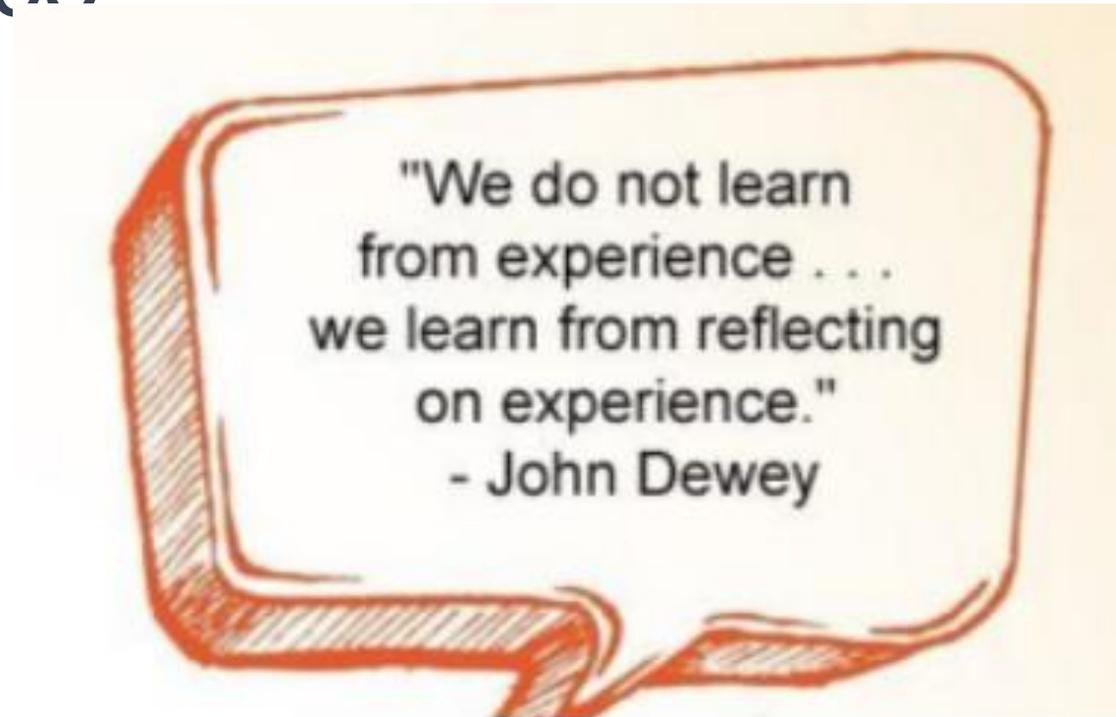
- Have students reflect on what they learned through this activity.
- Have students think about how they can use their creativity to express their thoughts and

 Regenerate response



# Concept

- What did you learn from this experience?



The ChatGPT bot is causing panic now -  
but it'll soon be as mundane a tool as Excel

*John Naughton*

At best ChatGPT is an assistant, a tool that augments human capabilities. And it's here to stay



A new AI-assisted chatbot that can generate eerily fluent prose is only the latest in a long series of useful tech accessories

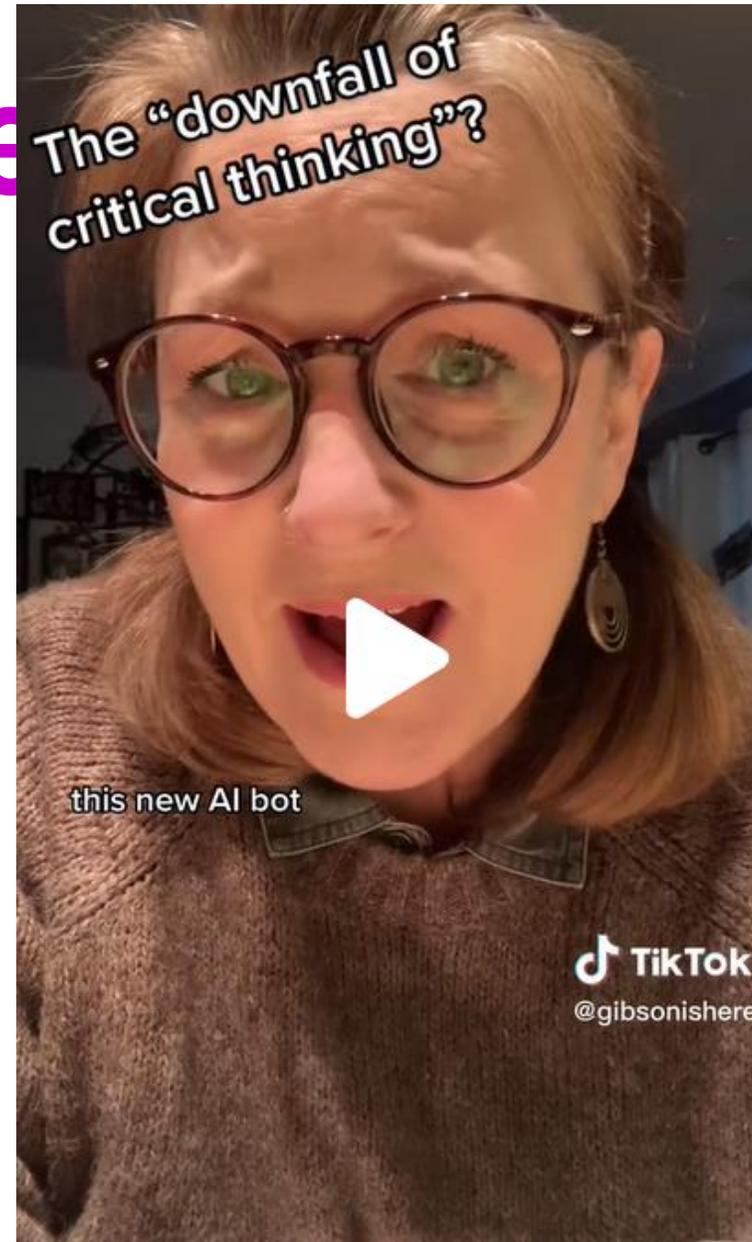
How can we use  
ChatGPT in the  
classroom?

**Teachers /  
Students**



# How can we use ChatGPT in the classroom?

<https://www.tiktok.com/@gibsonishere/video/7178185775052279083?r=1&t=8Yt1I1aybLN>



# Benefits & potential challenges of using chatbots in education



# Benefits of using chatbots in education



# The educational potential of chatbots:

- **Tutoring and personalization:** personalized support and feedback, catering to individual needs and learning styles.
- **Administrative tasks:** schedule, course registration, and information on deadlines and events.



# The educational potential of chatbots:

- **Communication:** facilitate communication between students, teachers, and administrators, allowing for more efficient and convenient communication.
- **Gamification and engagement:** create engaging and interactive learning experiences, such as gamified quizzes and simulations.
- **24/7 availability:** available 24/7, providing students with access to information and support outside of regular class hours.



# Potential challenges and limitations of using chatbots in education



## The potential challenges of chatbots:

- Limited understanding of natural language: struggle to understand the nuances of human language, making it difficult to accurately interpret and respond to user input.
- Lack of context: difficulty understanding the context of a conversation, which can lead to confusion or misinterpretation.
- Limited capability: typically designed to perform specific tasks, and may not be able to handle more complex or open-ended requests



# The potential challenges of chatbots:

- **Privacy concerns:** collect and store user data, which can raise privacy concerns if the data is not properly protected or used for unauthorized purposes.
- **Ethical concerns:** perpetuate biases and stereotypes if they are not properly designed and trained with diverse data sets.



# The potential challenges of chatbots:

- **Difficulty in providing personalization:** need to be trained with a lot of data to understand the user's personalization, which is difficult to achieve.
- **Difficulty in providing human-like interaction:** Due to the lack of ability to understand emotions, chatbot might not be able to respond to the user in a natural and human-like way.

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**‘It's important to note that chatbots are not a replacement for human teachers, but rather an additional tool that can be used to enhance the learning experience and support student learning.’**

*‘It's also important to ensure that the chatbot used is reliable, accurate and secure’*

**ChatGPT**

