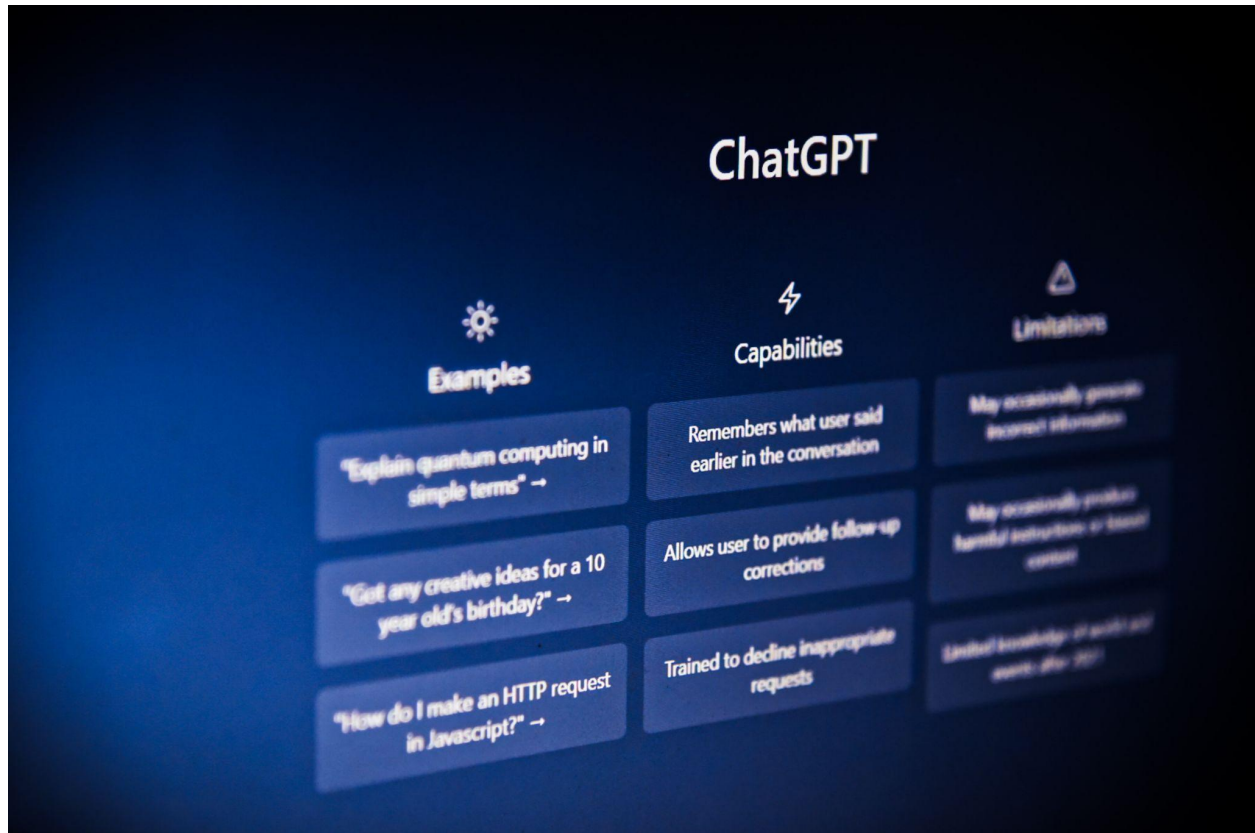


# ChatGPT



## What is ChatGPT?

ChatGPT is a form of artificial intelligence created by the company OpenAI. ChatGPT is like a chatbot and interacts with users by having conversations with them, answering questions, and more. It is currently very popular and accessible to the general public. Many people are able to use ChatGPT for daily purposes, even students!

## How does ChatGPT work?

According to OpenAI, ChatGPT is a machine learning model trained with Reinforcement learning: a model learns about aspects of their surrounding environment, attempts to respond to these aspects, and learns through trial and error. A user can input some statement or question into ChatGPT. The model attempts to interpret the question or statement and then attempts to

generate an appropriate and helpful answer. Furthermore, OpenAI used Reinforcement Learning from human feedback, meaning they trained the model with data and conversations between human AI trainers and the Chatbot model. Overall, the coding and machine learning methods used to create such an impressive form of artificial intelligence is very complex!



## What Can ChatGPT Be Used For?

- ChatGPT can help you with your own coding! If you show it a piece of code you are working on and ask it to help you find some error, ChatGPT could help you interpret the code and possibly suggest solutions to the issues or errors in your code. In my personal experience, I have tried to show the model code that I have gotten errors in. Although I gained a better understanding of what the error truly meant after talking to ChatGPT, its solutions did not solve the error for me.

- ChatGPT is also capable of translating texts into different languages. Out of curiosity, I once asked ChatGPT to translate a poem written in English into Chinese characters. It was able to successfully translate the poem with a reasonable amount of accuracy!
- If you give ChatGPT enough information and context, the model can also help you draft emails. The right context, for example, could include stating who you are writing to, what is the subject of the email, and what are some thoughts and feelings that you hope to include in the email.
- You could also ask ChatGPT to help you research and find sources that help address questions that you hope to find the answers to.
- ChatGPT is capable of catching mistakes in your question or statement and making what you said more accurate!

## What are the limitations of ChatGPT?

Of course, no form of artificial intelligence or machine learning model is perfect, and chatGPT definitely has areas of improvement as well!

- You cannot always rely on ChatGPT to consistently answer your questions accurately. When asking for help with research, for example, you should consider fact-checking ChatGPT's responses to your questions.
- The efficacy and helpfulness of ChatGPT often depends on the user's inputs. If your input, such as a question or statement, is vague and not very detailed, you cannot guarantee that ChatGPT will give you a very detailed or helpful answer. You must give ChatGPT as much context as possible. The more information the model gets, the more likely you are to get accurate answers and helpful resources.

- Additionally, OpenAI says that ChatGPT may occasionally respond in a biased manner based on the input given by the user.

## How are High Schools Responding to ChatGPT?

Since ChatGPT is often able to provide students with accurate answers and well-written essays, given the proper amount of context and information, many students are beginning to find ChatGPT very helpful when working on homework assignments, projects, and papers. As a result, there is much debate on whether or not students should be allowed to use ChatGPT for their assignments.

Students may potentially use help from ChatGPT to write their essays. However, students must give ChatGPT inputs in order to receive help with their essays. Students must use their own ideas, facts, details, and context in order for ChatGPT to help them. As a result, many schools struggle to determine if ChatGPT should be considered plagiarism or not. Additionally, it can often be difficult to recognize if a student is using ChatGPT to help them write their essays. Therefore, schools must decide whether or not they wish to incorporate ChatGPT into students' learning processes or whether they want to prevent the use of ChatGPT.

My school, for example, says that students are not allowed to use ChatGPT to write essays, conduct research, or translate sentences for language classes. My school believes that, to an extent, ChatGPT weakens the efficacy of the school's learning process since students would no longer be learning how to research, translate, or write completely by themselves, preventing students from being able to truly understand the content they are learning.

On the other hand, I believe that ChatGPT can be helpful to learning processes. For example, my school may consider using ChatGPT to write our own essays unethical, but I was once given an assignment in history that used ChatGPT, which involved editing a random essay

generated by ChatGPT. Students edited the essay based on writing techniques and historical accuracy. This way, ChatGPT was a creative and innovative way of testing students on their knowledge in history. By correcting the writing techniques, students are also developing a deeper understanding of what is considered a “good writing technique” or a “bad writing technique.”

As you can see, ChatGPT brings in many gray areas and additional factors in terms of school assignments and education. While it is a very powerful tool, its use has limitations. Schools are still attempting to establish their opinions on the use of ChatGPT in classes, assignments, and more. If used creatively, I believe that ChatGPT could improve learning, not hinder it.



Sources:

<https://openai.com/blog/chatgpt>

[https://www.techtarget.com/searchenterpriseai/definition/reinforcement-learning?Offer=abt\\_public](https://www.techtarget.com/searchenterpriseai/definition/reinforcement-learning?Offer=abt_public)  
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