



What is ChatGPT

(For Students, Parents & Educators)



Josh Ochs
SmartSocial.com

What is ChatGPT?

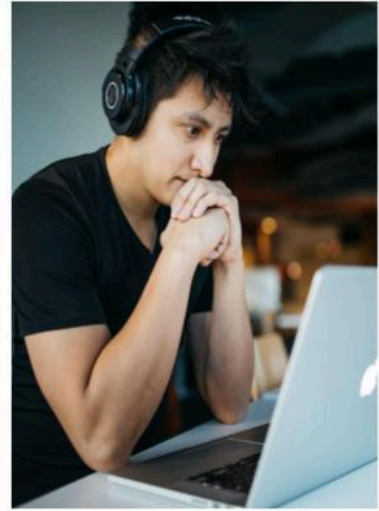
- ChatGPT is a website that runs on artificial intelligence that can answer questions and give information on almost any topic
- Within the first two months, ChatGPT had 100 million users (so many users it crashed the system)



What is ChatGPT?

- Who is using it?
 - 43% of college students say they've used AI tools like ChatGPT to research and learn
 - Teachers are using it to jumpstart lesson plan creation
 - Marketers are using it to help them write ad copy
 - Programmers are using it to check & write code
- It's an independent company that is heavily invested in by Microsoft & new integrations are being developed for it all the time to make information finding easier

Let's ask ChatGPT to describe itself ...



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What is the difference between ChatGPT 3.5 and 4.0?

- **3.5 is limited to about 1K-3K words per chat interaction**
 - This limit applies both to the answer and the question
 - This version is free to try at chat.openai.com
- **4.0 is more concise, slower to write, but has more power and reasoning**
 - The word limit is about 25K words per interaction (including question and answer)
 - This is the paid version (\$20/month)



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What is ChatGPT (explained by ChatGPT 3.5)

Explain ChatGPT like I'm 5 years old



Hello! I'm ChatGPT, a smart computer program designed to talk to you and answer your questions!

Think of me like a big library that knows a lot of things, just like how you go to the library to learn new things. But instead of books, I use my computer brain to understand and respond to what you say.

So if you have any questions, just ask me and I'll do my best to help you understand!

What is ChatGPT (explained by ChatGPT 4.0)

Model: GPT-4



explain chatgpt to me like I am 5



Okay, imagine ChatGPT is like a super smart robot friend who can talk with you. It can help you learn, answer questions, and have fun conversations. It knows a lot because it has read many books, but sometimes it might not know everything. So, it's like a big, friendly helper who loves to chat with you!



Capabilities and Limitations



Examples

"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?" →

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Capabilities and Limitations



Capabilities

Remembers what user said earlier in the conversation

Allows user to provide follow-up corrections

Trained to decline inappropriate requests

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Capabilities and Limitations



Limitations

May occasionally generate incorrect information

May occasionally produce harmful instructions or biased content

Limited knowledge of world and events after 2021

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What is a ChatGPT Prompt?

Imagine you need advice on complex school subject and want to ask your friends

To dig deeper, how would you clarify your question to get more info on a certain part of their answer?

How would you ask that question so that they understand your query and can give the best solution?

ChatGPT works in a similar way

When we ask the website a question, it is called a "prompt"

Then we can ask clarifying questions to get exactly the information we want

Let's see it in action ...

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Let's show you how it works...

- We are going to ask ChatGPT to help us create a formula in a Google spreadsheets
 - We could go search Google and spend a long time trying to find the right formula, or we can ask ChatGPT to give us the answer and tutor us on how it works
 - Let's look at the [spreadsheet](#) and use ChatGPT to help...
-



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Let's show you how it works...

- There are several names of students in the list and we want to Google spreadsheets to calculate how many times each person's name appears (without having to count all of the entries)
 - **Help me with Google Spreadsheets. Please write a formula that counts how many times each name is listed in the cells B3 to B26**
-



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Unique ChatGPT Prompts

- **Tell me a joke about brushing your teeth**
- Write a pun-filled birthday message to a friend
- Explain [topic] in an entertaining way
- **Explain the periodic table to me as if you were a pirate**
- Plan a trip itinerary to [place]
- Write a funny promposal to someone named [name]
- Translate the following into [language]: [insert text to translate]
- Brainstorm some ideas for teen passion projects for future engineers for a college application
- Help me fix this [HTML] code for my website
- Write a song about [topic]



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Pros and Cons of Using ChatGPT

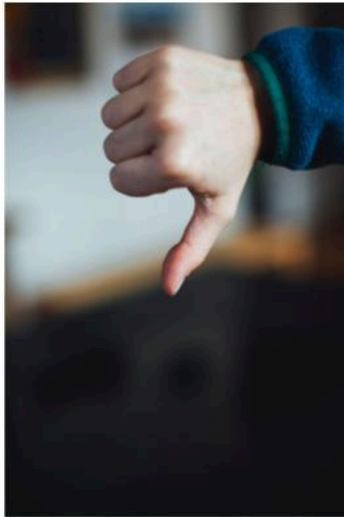
Pros:

- It tutors us so we can become a better writer (or more proficient at any subject)
- It helps us brainstorm ideas to quickly get started on a project
- Conversational format so it's easy to use for everyone
- Free to use
- Gives you access to information very quickly
- Evolving quickly and will likely be used in future jobs



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Pros and Cons of Using ChatGPT



Cons:

- Needs parental guidance just like YouTube and Google
- Trained on information up to and including 2021
- May provide inaccurate results and should be fact checked
- The writing content it generates often lacks organization and structure
- It makes it easier to cheat on a writing assignment if a student gets lazy

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Let's show you another example...

- We are going to ask ChatGPT to answer questions as though we are having a conversation with Walt Disney
- **ChatGPT Prompt:**
 - *For the next several questions, pretend like you are Walt Disney, the creator of Disneyland. I will ask you questions, and you will answer as though you are Walt Disney.*
- **Follow up prompts:**
 - *Who's your favorite Star Wars character?*
 - *What was your favorite ride at disneyland?*
 - *What advice would you give to students about finding their passion?*

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Family ChatGPT Prompts

- **Brainstorm staycation ideas for [city]**
- Write a funny story about [family] in [city] that includes [topic] and takes place during [holiday] where funny things happen
- Brainstorm 10 birthday party themes on a budget for [name] a 9 year old boy around [topic/theme]
- What are some outdoor activities in [city] for a family with kids ages [ages]
- Give me a family friendly joke that includes [family names] and takes place around [topic]
- Brainstorm 10 new family traditions for [holiday]
- Brainstorm 10 ways a parent can talk with a Teen without being uncool
- Create a weekly family chore list for 2 kids named [name] that includes [tasks]



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Thanks for watching!
What is ChatGPT
(For Students & Parents)
Stay with us to learn how it works...



Josh Ochs
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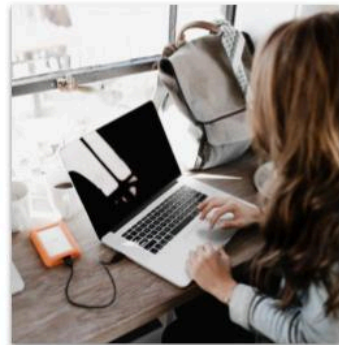
Turning ChatGPT into a Tutor & Learning Assistant (For Students & Parents)



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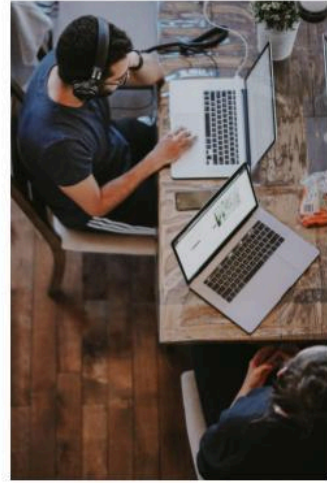
We are all good at “Googling”

- **Students:** Your parents used to have to look in encyclopedias and books to find things
- When Google became popular it found things on the web for us
- We all had to learn how to put the right search words into Google to get the results that were helpful
- We learned to adjust the terms we used to search and refine the results



ChatGPT is a New Way to Find Information

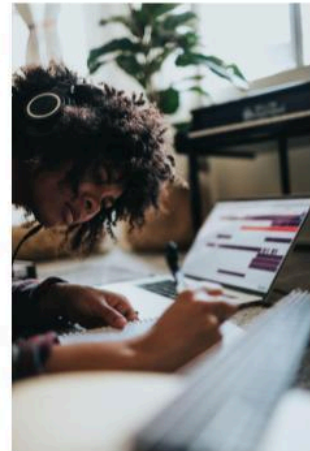
- ChatGPT is like Google x1000 but we need to know what to put in it
- This is called Prompt Engineering



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7 ChatGPT prompts for tutoring on any school subject

- Summarize the life of _____ in 50 words or less
- Explain _____ to me like I am 5 years old
- Compare and contrast [event in history, places, people]
- What themes are in [this book]
- What steps do I need to take to solve this math problem: [insert math problem]
- Discuss the cause of [this event in history]
- How does [this science concept] work in real life



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Anatomy of A Prompt

Tell AI how it should think (so it can unlock all of the knowledge in that subject/domain)

Tell it what you are going to do with the information so it has context

Pretend you are a chef that makes healthy food. I want to make something delicious for dinner for my two kids and wife. I have 3 frozen chicken breasts, 3 sweet potatoes, some broccoli, a lemon, some eggs, almond milk, chickpeas, asparagus, spinach, garbanzo beans, quinoa and some condiments. Make me 2 recipe options with measurement instructions and clear steps a beginner can follow

Give it specific input

Define the way the outcome should be formatted (or how many outcomes there should be)

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The anatomy of a ChatGPT prompt

- Tell AI what type of subject matter expert you want it to be (Programmer, copywriter, historian, etc)
- When you reinforce a topic by being very specific on a topic and using intensifiers, that helps ChatGPT to focus on better results



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How to refine the prompts to get better data

You can ask AI to make the previous prompt...

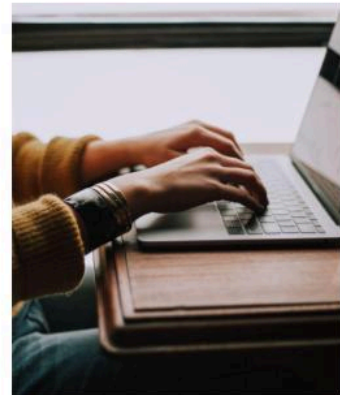
- Make it shorter
- Format the answer into bullets
- Make it funny, friendly, or professional...
- Give me more details about _____
- That spreadsheet formula didn't work, try again
- Give me references for your data, with links
- If you tell ChatGPT it is a domain expert in _____ area, it will give higher quality results
- Put on your critical thinking hat on and tell GPT where it was wrong



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Is ChatGPT Trustworthy?

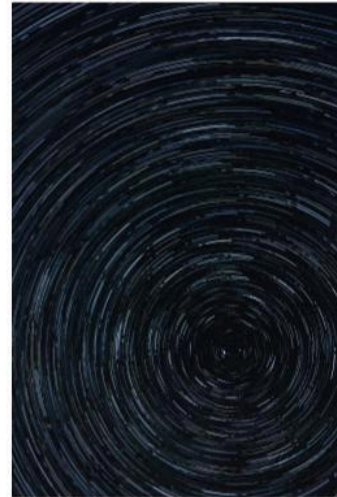
- AI can seem to have all the answers, and be very confident in what it returns to the user
- However, “**hallucination**” is a new term that is used to describe what happens when AI makes things up that don't exist.
 - For example: Give me 3 books on leadership. It might return 1 book that doesn't exist, or a website that isn't a real link
- All information needs to be vetted, verified, and double checked



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Current event data limitations

- ChatGPT can only access information up to 2021, so keep that in mind when using it
- This means that GPT (and other AI systems) can beautifully quote public works and ideas that have been around for decades (aka: the Iliad and the Odyssey), but not current events and recent web content after 2021



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How to Verify that Information

Always verify information with at least two reputable sources to confirm that it is true

- What is a reputable source?
 - Books written by researchers
 - Government sites
 - Peer-reviewed articles
 - First-hand accounts
 - Publishers that have been around a long time
- Is the information is current? (check the date it was published)
- Ask yourself what the source is trying to prove
 - Does it have an agenda?
 - Is it trying to sell you something?



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Unique Ways to Use ChatGPT

- Excel formula tutoring
- Fix code for a website or learn how to code
- Brainstorming questions to ask your doctor about your cold or cough (be very careful not to trust AI without consulting a doctor)
- Outlining school projects to start on a plan for research
- Scouring history books to get key takeaways
- Age appropriate bedtime stories for family members
- Look at things from different viewpoints



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Let's walk you through how to use ChatGPT if you need homework help ...

- Start with a specific question
- Ask follow up questions to get the information you need
- Ask for sources for any information that is provided
- Verify the facts it gives you through two other reputable sources

Let's see it in action ...



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Is ChatGPT Considered Cheating?

Many of our educator partners say that ChatGPT can be used with educational honesty. Ask yourself these questions:

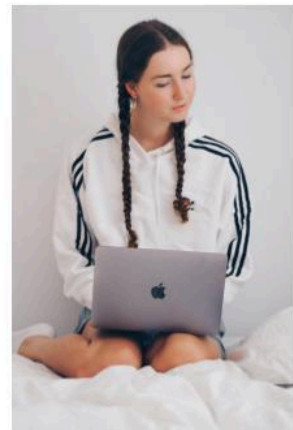
- Am I using it in a way that supports my learning or takes shortcuts?
- Am I making my work my own or copying and pasting?
- Am I using it to get an unfair advantage?
- Would I be comfortable with my teacher knowing how I used this tool?
- Does my teacher want me to cite ChatGPT if it helped me with ideas or research?



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7 prompts to use ChatGPT for essay research

- Brainstorm title ideas for an essay about [subject]
- What are the major themes in [subject]
- What are the most important things someone should know about [subject]
- Help me refine this introductory paragraph: [paragraph draft]
- What is the most interesting thing about [subject]
- Is this sentence grammatically correct?: [sentence]
- Are my facts right in this paragraph: [paragraph]

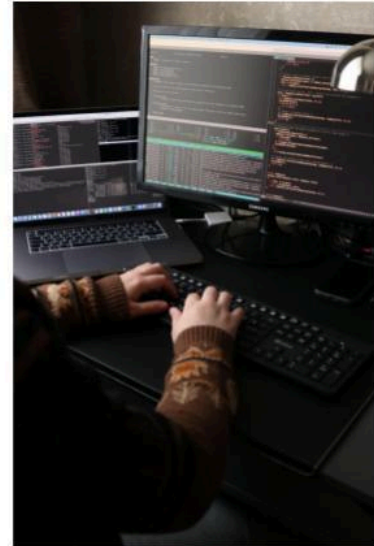


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Is ChatGPT a skill that could be used in your future career?

ChatGPT is changing a lot of things. We believe that most jobs will use some sort of AI to help them with their work:

- Programmer
- Data scientist
- Language tutor
- Marketing
- Sales representative
- Technical writing
- Human Resources professional
- Therapist/counselor
- Public Relations



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Thanks for Watching!
Turning ChatGPT into a
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Parent & Educator Tips to keep students safe on ChatGPT (For Parents & Educators)



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What parents and educators need to know about ChatGPT

- There are no parental controls. Students can access adult content through ChatGPT
 - Users must be at least 13 and have parental permission if they are under 18 but there is no age verification
- Students need to understand that they are not talking to a real person, even though ChatGPT can mimic human speech (important for mental health concerns)
- ChatGPT may be used to create hurtful messages and contribute to cyberbullying



Is Cheating Possible with ChatGPT?

Cheating is possible using ChatGPT, however:

- Teachers are getting more creative with the types of assignments they give to students
- Tools are being developed to determine whether content was created using AI (with very little accuracy)
- ChatGPT typically cannot include personal stories or emotion in writing



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How to get in front of inappropriate use

If we don't outline what bad behavior is, then students won't know what wrong actions are:

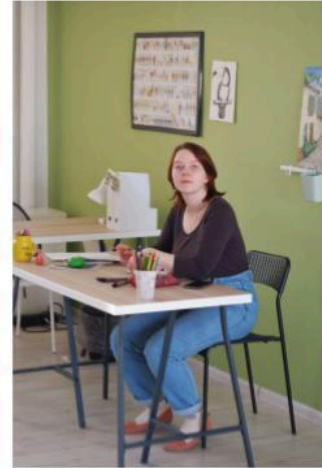
- Have a conversation about how the student defines cheating (and how to avoid it)
- Talk about expectations that your student's teachers have shared with them
- Gain an understanding of what success looks like with school assignments
- Discuss how to determine if something is the student's own work or if they relied on ChatGPT too much



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Parent Tips: How to Keep Kids Safe and Support Learning

- Know your student's password to their ChatGPT account
- Work with them to maybe share an account
- Be sure they are aware that the things they type into ChatGPT are not private
- Monitor how they are using ChatGPT by clicking on their chat history
- Be aware that they may have other ChatGPT accounts they have not shared with you
- Have a conversation about when it is appropriate to go to ChatGPT for answers and when they may need guidance from a trusted adult



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Privacy on ChatGPT



is chatgpt private



As an AI language model, I do not have the ability to access or store personal information about users. All conversations between ChatGPT and users are processed through OpenAI's servers, which are designed to protect the privacy and security of user data. However, it's important to note that conversations with ChatGPT are not completely private, as they may be logged for research and development purposes or to improve the performance of the AI model. Nonetheless, OpenAI takes user privacy very seriously and works to protect user data to the best of its ability.

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Ways to use ChatGPT with your Students to promote learning

- Use ChatGPT with your student so you can become familiar with how they are using it
- Encourage students to use it for brainstorming so they can open their mind about a subject
- Teach students how to verify information, an important skill no matter where they find their information
- Talk with your student's teachers about their expectations surrounding ChatGPT



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7 ChatGPT Prompts for Teachers

- Write an email to parents including [event details] letting them know about [this event]
- Create a list of spelling words for students in [this grade level]
- Brainstorm fun and educational activities to teach students about [this topic]
- What are some fun getting-to-know-you activities for the first day of school?
- Create a list of ten writing prompts for students in [grade level] to get them thinking about [topic]
- Explain [this topic] in a way that kids in [this grade level] will understand
- Brainstorm science projects kids can do to learn about [this topic]



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ChatGPT is still new technology and continues to evolve

- This tool (and other AI models) may change most industries in the future
- Parents and educators should stay informed about changes and adapt along the way
- Continue to talk to your students about ChatGPT and appropriate ways to use it

Get these slides in a PDF at:

SmartSocial.com/post/chatgpt



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Parent & Educator Tips
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