The Power of A.I.

AI is dramatically changing the world, and new tools are being created every year that can assist in numerous ways. We’re going to take a look at several to see how they could help you in life.

1. Goblin Tools
   1. This site allows you to type in a task, select the level of breakdown, and then uses AI to create a checklist step guide of how to get there.
   2. Remember our life maps? Using the prompt ‘Create Life Map’, the program came up with the guide we used:

* Gather materials needed for creating a life map
* Reflect on personal goals, dreams, and aspirations
* Identify key areas of life to include in the map (e.g. career, relationships, health, hobbies)
* Begin sketching out the life map, using symbols, images, or words to represent various aspects of life
* Consider past experiences, challenges, and successes to inform the map
* Continuously review and refine the life map as goals and priorities evolve
* Share and discuss the life map with trusted individuals for additional insights and support
* Use the life map as a visual guide to make decisions and prioritize actions in alignment with personal values and aspirations

Now it’s your turn to use this tool. Use your phone or computer to go to goblin.tools From there, type in any THREE things that you feel are questions or things you want help with. Feel free to choose from the samples below:

* + 1. Cope with test anxiety
    2. Find a career
    3. Handle stress
    4. Save money
    5. Fire an employee

1. Once you’ve typed in your prompt, click on the pepper level. For each prompt, use a different level of pepper. I suggest 2, 3, and 4.
2. Click the wand beside your prompt and watch the magic happen.
3. Copy out each step that the program gives you using the space below.
4. You can also break down each step even further if you struggle with that concept. Try this for ONE of your prompts. Just click the wand beside one of the steps, and copy out those extra steps as well.
5. Finally, rate this AI tool out of 5 stars. How useful is it, could you see yourself using it in the future? Be sure to include WHY.

Prompt #1:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Prompt #2:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Prompt #3:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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AI Rating out of 5 stars AND WHY:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Quizlet: How to study

One thing school sometimes glosses over is how to study. There are many techniques that can be used to help, and some have converted to be digital. Quizlet is an online AI program that creates flashcards for you to use to study. Your task:

Use the online tool (<https://quizlet.com/>) to test out two subject areas you may need help studying for currently or in the future.

1. Click the search icon at the top of the page and type in a subject or area you want help studying.
   1. Example: Biology 12, The Fur Trade, World War One battles
2. At the top, you’ll see some video options to learn about the material, but scroll down and you’ll see ‘study sets’
   1. Find one that matches your search and click on it.
3. Using the arrows to scroll through the cards, and tap or click on the phrase to reveal the answers.

Now:

1. Write down two of the clues and answers the program gave you.

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1. Do you think you’d make use of this resource? Where and why?

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1. Is this resource better or worse than the old fashioned way of writing everything down and having paper copies. Give an argument.

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Symbolab: math, easier

A subject in school people often complain about is math. Symbolab is an online AI program that shows how to solve equations.

Use the online tool (<https://www.symbolab.com/> ) to test out sample math questions.

1. Click the search icon at the top of the page and type in a sample math question you may need help with. You can also type in a random number and it will create one.

Now:

1. Write down one equation and answers the program gave you.

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1. Do you think you’d make use of this resource in your Math classes, why/why not?

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1. Is this resource better or worse than in person help, or the textbook? Give an argument.

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[Wolfram|Alpha: Computational Intelligence (wolframalpha.com)](https://www.wolframalpha.com/)

This site has a wealth of random information you can use to organize things. Its topics range from science and math to entertainment like movies and music to finances.

1. Click on Three topics that interest you.
2. For each one, play around and investigate using this resource.
3. Answer the questions.

First Choice:

1. What topic did you choose?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. How did you use it/what did you use it for? Describe that here:

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Second Choice:

1. What topic did you choose?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. How did you use it/what did you use it for? Describe that here:

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Third Choice:

1. What topic did you choose?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. How did you use it/what did you use it for? Describe that here:

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1. Would you use this program again? Why/why not?

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Tutorly

This program can be used to help you with your homework. Try it out right now.

1. Choose any other subject you have right now and use this program to help you with one of your assignments.
2. What assignment and subject did you use it for?

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1. What question did you give it and what were the answers it gave?

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Explain Like I’m Five (my personal favourite for reasons you’ll see)

[AI-Powered ELI5: Revolutionize Learning with Cutting-Edge Teacher & Student Tools (explainlikeimfive.io)](https://explainlikeimfive.io/)

This is a pretty cool tool, because you can ask it anything to get an answer. What’s ever more exciting is it has a toggle of how ‘dumbed’ down you want it, and the best is it has a toggle for sarcasm! Ha! Hilarious! But it only gives you 2-3 free questions a day.

Sample Question at ‘I’m feeling pretty dumb’ with sarcasm toggled. Enjoy.

What are the parts of an animal cell?

Oh, so you want me to dumb it down for you, huh? Fine, I'll try my best to explain what the parts of an animal cell are, but don't expect me to hold your hand through this. Alright, kiddo, imagine an animal cell as a teeny tiny city filled with all sorts of weird and wacky buildings. Each building has a specific job to do, just like in a real city. Got it? Good.  
  
First up, we have the nucleus, which is like the city's control center. It's where all the important DNA stuff happens. Think of it as the mayor's office, where all the important decisions are made. Without the nucleus, the cell would be clueless, just like a city without a mayor.  
  
Next, we have the mitochondria, or the powerhouses of the cell. These bad boys produce energy, just like a power plant in a city. They take in food and turn it into energy that the cell can use to do all its important cell-y things. Pretty cool, right?  
  
Moving on, we've got the endoplasmic reticulum, or ER for short. It's like a transportation system within the cell. It helps move things around, just like the subway or bus system in a city. No traffic jams, though, thankfully.  
  
Then there's the Golgi apparatus, which acts as a packaging and shipping center. It's like the post office of the animal cell, making sure everything gets wrapped up nicely and sent off to where it needs to go. Can't have any lost packages in our cell city, can we?  
  
Oh, and let's not forget about the lysosomes. These are like the cell's garbage disposals. They break down waste and get rid of it, just like a city's trash collectors. They keep the cell clean and tidy, so it doesn't end up looking like a dump.  
  
Now, here's a fun fact for you: Did you know that the average animal cell is about 10 to 30 micrometers in size? That's smaller than the width of a single strand of hair! Yeah, mind-blowing, isn't it?  
  
Anyway, those are just a few of the main parts of an animal cell. There are a bunch more, but I don't want to overwhelm your little brain. Just remember, cells are like tiny cities with their own mini-mayors, power plants, transportation systems, post offices, and garbage collectors. Pretty wild, huh?

1. Type a question, and toggle the I’m feeling button to select the level of help you want. Also, decide if you want sarcasm or not.
   1. I’m feeling: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   2. Sarcasm: Yes No
2. What question did you give it and what were the answers it gave?

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Now that you’ve explored multiple AI programs, do you think technology is becoming more useful or harmful to society? By this, let’s consider this example:

You use the programs to do your math homework for you. Then you could become dependant on AI to answer them, but not take the time to learn how to actually do the math. You then ace all the homework, but fail every test or pop quiz that comes up, and ultimately, the class. Did AI really help you, or harm your chances of success?

Discuss and explain why you are PRO AI or ANTI AI.

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Bonus Assignment:

1. Download Socratic App, ExamCram, ChatGPT
2. Use the program and test it out.
3. Write a Review of the program and state its pros and cons.