

Generative AI Example

Pre-writing Outlines

This is an example of using AI to generate a suggested outline of ideas for a student writing assignment. These ideas can help guide the student on which topics they need to research on their own, and then write about for their report.

For more resources see my document "AI Tools in Education" at bit.ly/curts-ai

My Prompt:

Write a bullet point outline for a 1,000-word report on the pros and cons of electric vehicles

ChatGPT:

I. Introduction

- Brief overview of electric vehicles
- Thesis statement

II. Pros of Electric Vehicles

- Reduced greenhouse gas emissions
- Lower operational costs
- Reduced dependency on foreign oil
- Noiseless operation
- Tax incentives and rebates
- Better performance and acceleration

III. Cons of Electric Vehicles

- Limited driving range
- Lack of charging infrastructure
- Higher upfront costs
- Long charging times
- Limited vehicle options
- Battery disposal and recycling issues

IV. Government Support for Electric Vehicles

- Tax incentives and rebates
- Research and development funding
- Mandates and regulations
- Public charging infrastructure

V. Industry Responses to Electric Vehicles

- Automaker investments in EV development
- Increased availability of EV models
- Collaborations with energy companies to develop charging infrastructure
- Adoption of sustainable materials in manufacturing

VI. Public Perception of Electric Vehicles

- Consumer awareness and knowledge
- Misconceptions and myths
- Marketing and education efforts

VII. Conclusion

- Recap of pros and cons of electric vehicles
- Final thoughts on the future of electric vehicles

Google Bard:

Introduction

- Electric vehicles (EVs) are becoming increasingly popular as a more sustainable and environmentally friendly alternative to gasoline-powered cars.
- There are many pros and cons to consider when deciding whether or not to purchase an EV.
- This report will outline the key pros and cons of EVs, as well as some additional factors to consider before making a purchase.

Pros of Electric Vehicles

- Reduced emissions. EVs produce zero emissions, which helps to improve air quality and reduce greenhouse gas emissions.
- Lower operating costs. EVs are more efficient than gasoline-powered cars, which means they can save you money on fuel costs.
- Reduced maintenance costs. EVs require less maintenance than gasoline-powered cars, which can save you money in the long run.
- Smoother ride. EVs have a smoother ride than gasoline-powered cars, which can be more comfortable for drivers and passengers.
- Quieter operation. EVs are much quieter than gasoline-powered cars, which can be a plus for both drivers and pedestrians.

Cons of Electric Vehicles

- Limited range. EVs have a limited range compared to gasoline-powered cars, which means you may need to plan your trips carefully.
- Longer charging times. It takes longer to charge an EV than it does to fill up a gasoline-powered car.
- Limited availability. EVs are not as widely available as gasoline-powered cars, which can make it difficult to find one to buy or lease.
- Higher upfront cost. EVs are typically more expensive than gasoline-powered cars.

- Charging infrastructure. The charging infrastructure for EVs is not as extensive as the gasoline station infrastructure, which can make it difficult to find a place to charge your EV.

Additional Factors to Consider

- Your driving habits. If you have a long commute or frequently take road trips, an EV may not be the right choice for you.
- Your budget. EVs are typically more expensive than gasoline-powered cars, so you'll need to factor in the upfront cost when making your decision.
- Your access to charging stations. If you don't have access to a home charger or a public charging station, an EV may not be the right choice for you.
- Your local climate. If you live in a cold climate, you'll need to consider the impact of cold weather on your EV's range and battery life.

Conclusion

There are many pros and cons to consider when deciding whether or not to purchase an EV. The best way to decide is to weigh the factors that are most important to you and make a decision that is right for you.

My Prompt:

Generate a bullet point list of key ideas to potentially cover when writing a biographical report on the life of George Washington for a middle school writing project.

ChatGPT:

Of course! Here's a bullet-pointed list of key ideas and topics to consider when writing a biographical report on George Washington for middle school students:

Early Life:

- Birthdate and birthplace: Born on February 22, 1732, in Westmoreland County, Virginia.
- Family background: Parents, siblings, and their influence on him.
- Education and early experiences: While he didn't have a formal education, he was taught surveying and had an early career as a surveyor.

Military Career:

- French and Indian War: Discuss his role and the lessons he learned from this early military experience.
- Appointment as Commander-in-Chief of the Continental Army during the American Revolution.
- Challenges faced during the Revolutionary War, including the winter at Valley Forge.

- Yorktown: The decisive victory that ended the war.

Political Career:

- Role in drafting the U.S. Constitution.
- Unanimous election as the first President of the United States.
- Highlights of his two terms in office (1789-1797) – precedents set, key policies, and challenges.
- Neutrality Proclamation and foreign policy.
- Farewell Address: His advice and warnings to the young nation.

Personal Life:

- Marriage to Martha Dandridge Custis and life at Mount Vernon.
- His role as a plantation owner and his views on slavery.
- Hobbies and interests, including his passion for agriculture and farming innovations.

Legacy:

- Decision to step down after two terms, reinforcing the precedent of a peaceful transition of power.
- Establishing the nation's capital in Washington, D.C., named in his honor.
- The establishment of Washington's Birthday, now commonly known as Presidents' Day.
- Role in the founding of the United States and his lasting impact on the office of the presidency.

Character and Leadership:

- Reputation for honesty, exemplified by popular stories (e.g., the cherry tree myth).
- His leadership style and its impact on the formation of the U.S.
- Relationship with fellow Founding Fathers.

Death and Memorials:

- His death on December 14, 1799, at Mount Vernon.
- Impact on the nation upon his death.
- Memorials, such as the Washington Monument and his image on U.S. currency.

Fun Facts:

- Did you know Washington's teeth weren't made of wood? Debunking myths!
- His love for ice cream and other personal anecdotes.

Key Quotes:

- Incorporate some of Washington's most famous quotes and discuss their meanings.

Conclusion:

- Reflect on his lasting impact on the U.S. and why he's often referred to as the "Father of His Country."

Remember, while this list provides a comprehensive overview of Washington's life, it's important to prioritize and select the most relevant details that fit the scope and length of your

report. Always make sure to cite any sources and include visuals, like maps or illustrations, to make the report engaging for middle school readers!

Google Bard:

Sure, here is a bullet point list of key ideas to potentially cover when writing a biographical report on the life of George Washington for a middle school writing project:

- Early life: Washington's childhood, education, and early career.
- Revolutionary War: Washington's role as commander-in-chief of the Continental Army and the events of the war.
- Presidency: Washington's presidency, including his major accomplishments and challenges.
- Personal life: Washington's family, relationships, and hobbies.
- Legacy: Washington's impact on the United States and his place in history.

Here are some additional ideas that you could explore in your report:

- Washington's character: Washington was known for his honesty, integrity, and leadership. How did these qualities impact his life and career?
- Washington's leadership style: Washington was a complex and sometimes contradictory leader. How did his leadership style evolve over time?
- Washington's relationship with slavery: Washington owned slaves throughout his life. How did this impact his views on slavery and his actions as president?
- Washington's legacy: Washington is considered one of the greatest presidents in American history. What are the reasons for his lasting legacy?

I hope this helps!

My Prompt:

Write a list of brainstorming ideas to explore when writing a book report about "Charlotte's Web"

ChatGPT:

Certainly! "Charlotte's Web" by E.B. White is a classic children's novel with a rich tapestry of themes, characters, and lessons to delve into. Here are some brainstorming ideas you might consider exploring when writing a book report:

1. Plot Summary:

- Begin with a brief overview of the main events without giving everything away.

2. Main Characters:

- Analyze the characters of Wilbur, Charlotte, Fern, and Templeton, including their roles, personalities, and growth over the story.

3. Major Themes:

- Friendship and Sacrifice: Explore how the relationship between Wilbur and Charlotte epitomizes true friendship.
- Innocence and Maturation: The growth and change in Fern as she navigates childhood.
- Nature and Mortality: Discuss how the farm setting and cycle of life and death are portrayed.
- The Power of Words: How does Charlotte use language to change perceptions?

4. Setting:

- Examine the farm as not just a backdrop, but as a character in its own right. How does the setting influence the story?

5. Symbolism:

- The Web: How does Charlotte's web symbolize various themes like creativity, connection, or even fate?
- The Fair: Explore the significance of the fair in terms of hopes, dreams, and realities.

6. Style and Tone:

- Analyze E.B. White's writing style, his use of descriptive language, and the overall tone of the book. How does it appeal to both children and adults?

7. Moral Lessons:

- Dive into the lessons children and adults alike can derive from the story, such as the value of true friendship, accepting change, or facing mortality.

8. Cultural Impact:

- Explore how "Charlotte's Web" has influenced literature, film adaptations, and popular culture over the years.

9. Comparisons:

- Compare "Charlotte's Web" with other children's literature. How does it stand out or align with common themes in children's stories?

10. Personal Reflection:

- Share what you personally took away from the book. Were there moments that resonated with you? Characters you related to?

11. Illustrations:

- If your edition has illustrations, discuss how they enhance or influence the reader's perception of the story.

12. E.B. White's Background:

- Look into the author's life and see if there are any connections or inspirations that might have influenced the writing of "Charlotte's Web".

13. Contemporary Relevance:

- How might the lessons and themes of "Charlotte's Web" be relevant to today's readers?

14. Target Audience:

- While it's a children's book, "Charlotte's Web" is often read by adults. Explore the cross-generational appeal of the story.

15. Favorite Quotes:

- Select and analyze a few powerful quotes from the book. How do they encapsulate the essence of the story or its characters?

Remember to support your points with direct quotes and evidence from the book, and most importantly, enjoy the process of delving deep into such a beloved classic!

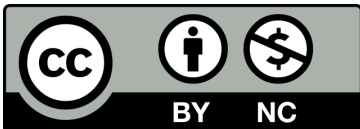
Google Bard:

Here is a list of brainstorming ideas to explore when writing a book report about "Charlotte's Web":

- **Character analysis:** Discuss the development of the main characters, Wilbur and Charlotte, as well as the supporting characters, such as Fern, Templeton, and Mr. Zuckerman. What are their motivations? How do they change throughout the story?
- **Themes:** Explore the themes of friendship, loyalty, sacrifice, and courage in "Charlotte's Web." How are these themes developed throughout the story? How do they relate to the characters and events?
- **Setting:** Describe the setting of "Charlotte's Web" in detail. How does the setting contribute to the story? How does it affect the characters and events?
- **Symbolism:** Identify the symbols in "Charlotte's Web" and discuss their significance. What do they represent? How do they contribute to the story?

- Style: Discuss the writing style of E.B. White in "Charlotte's Web." How does his use of language create a certain tone or mood? How does it help to develop the characters and themes?
- Critical reception: Research the critical reception of "Charlotte's Web." What have critics said about the book? How has it been interpreted over time?
- Personal response: Write about your personal response to "Charlotte's Web." What did you like or dislike about the book? What did you learn from it?

These are just a few ideas to get you started. When brainstorming for your book report, be sure to think about the aspects of the story that you found most interesting or meaningful. You can also use this list as a jumping-off point to explore other topics that you are interested in.



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