

Tarrant County College - Connect Campus

AI Student Activity Examples

Brainstorm Activity

Discipline: English Literature

- Assign a specific literary theme or genre to each group (e.g., romance, dystopia, coming-of-age).
- Instruct students to use an AI tool to generate a list of unique and intriguing story ideas related to the assigned theme or genre.
- Encourage students to meet in groups collaboratively to discuss and refine the generated ideas.
- Ask each group to present their top three story ideas.
- Have a follow-up discussion on elements of the story idea that would fit or not fit the genre

Prompt:

Context: I am a student in an English Literature course studying the theme of <theme/genre> in various literary works. The teacher has assigned me a project to evaluate a list of AI-generated story ideas specific to this genre. I need you to play the role of creative assistant by developing captivating story ideas that embody the essence <identifying elements of the theme/genre>.

Instructions: Generate a list of <x> unique and intriguing story ideas for a <theme or genre> literary genre.

Simulation Activity

Discipline: Art Appreciation (History)

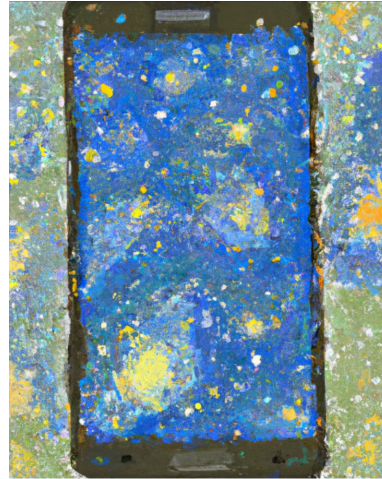
- Instruct each student to select an artist or art style they find intriguing or wish to explore further.
- Ask students to use an AI image generator to produce an image of a modern object, place, or person (e.g. device, digital logo, celebrity) in the style of a classic artist or art style.
- Encourage students to critically review and critically analyze the AI-generated images for artistic inspiration related to their selected artist or art style. Also, encourage them to explore and refine their prompts so that the AI tool outputs the student's creative vision for the piece appropriate to the style.
- Organize an art exhibition within the class where students showcase their generated artwork (various generated outputs) and discuss their creative process (and how they refined their prompts), and explain how the piece reflects the intended artist or style.

Student Response:



This work is licensed under a [Creative Commons Attribution-ShareAlike 4.0 International License](https://creativecommons.org/licenses/by-sa/4.0/). Authored by Arturo Ozuna - TCC Connect Campus - 2023

I generated a modern smartphone in the style of Vincent van Gogh's 'Starry Night.' I emphasized his iconic swirling brushstrokes and vibrant colors. I also asked the model to pay attention to details such as the device's shape, screen, buttons, and any additional embellishments that you think would fit within van Gogh's artistic style. After several iterations here was the final output.



Critical Evaluation Activity

Discipline: Writing Course (or any course that teaches writing)

- Ask students to write an outline for a persuasive essay - recommend that you use a structured outline template
- Have students to generate two outputs:
 - Prompt the AI tool to write a narrative based on the topic title
 - Prompt the AI tool to write a narrative based on the student's outline
 - Have students lead a short presentation where they compare the difference between the two outputs and how that impacts their thoughts about outlining as a writing approach

Prompt I:

Write a four paragraph persuasive essay that argues in favor of students being able to leverage AI tools for learning.

Prompt II:

Write a 4 paragraph essay based on the following outline:

I. Introduction

- A. Hook: Imagine a world where students have access to powerful tools that can enhance their learning experience and propel their academic success. What if these tools were readily available in the form of Artificial Intelligence (AI)?
- B. Background: In recent years, AI has emerged as a transformative technology with the potential to revolutionize various industries. Education is no exception, and the integration of AI tools in the classroom has sparked a significant debate.
- C. Thesis statement: Students should be allowed to leverage AI tools in education because they can personalize learning, foster critical thinking skills, and prepare students for the future workforce.

II. Argument 1 (Personalized Learning)



This work is licensed under a [Creative Commons Attribution-ShareAlike 4.0 International License](https://creativecommons.org/licenses/by-sa/4.0/). Authored by Arturo Ozuna - TCC Connect Campus - 2023

- A. Topic sentence: AI tools provide personalized learning experiences tailored to individual student needs, enhancing their educational journey.
- B. Supporting evidence: AI-powered platforms analyze student data and adapt instructional methods accordingly, leading to improved learning outcomes. For instance, a study conducted by XYZ University revealed that students using AI-based tutoring systems showed a 30% increase in their test scores compared to traditional methods.
- C. Counterargument and rebuttal: Some argue that personalized learning through AI tools may lead to excessive screen time and reduce human interaction. However, these tools are designed to supplement, not replace, teachers' roles. Teachers can still provide guidance and facilitate discussions while AI tools cater to individual needs, striking a balance between technology and human interaction.

III. Argument 2 (Critical Thinking Skills)

- A. Topic sentence: AI tools stimulate critical thinking skills by encouraging students to analyze, evaluate, and synthesize information.
- B. Supporting evidence: AI-based platforms can present students with complex problems, challenging them to think critically and find innovative solutions. Additionally, AI-powered recommendation systems expose students to diverse perspectives and sources of information, promoting analytical thinking. Research from ABC Institute demonstrates that students who used AI tools for research projects showed an increase in critical thinking scores by 20%.
- C. Counterargument and rebuttal: Critics argue that relying on AI tools might hinder students' ability to think independently. However, the purpose of AI tools in education is to supplement students' learning process, providing guidance and support. Students still retain autonomy over their learning and can exercise independent thinking alongside AI assistance.

IV. Conclusion

- A. Restate thesis: Allowing students to leverage AI tools in education empowers them with personalized learning experiences, fosters critical thinking skills, and prepares them for the future workforce.
- B. Call to action: It is crucial for educational institutions and policymakers to embrace the integration of AI tools in classrooms. By doing so, we can equip students with the skills and knowledge they need to thrive in a rapidly evolving world. Let us embrace the potential of AI and cultivate a generation of learners ready to shape the future.

Critical Evaluation Activity

Discipline: Any Course

- Use AI tool to create summaries of selected articles or book chapters they read for the current lesson - revise for accuracy as needed
- In a post lesson discussion - ask students to briefly compare their understanding of the major concepts covered against the AI-assisted summary of the article or book chapter



This work is licensed under a [Creative Commons Attribution-ShareAlike 4.0 International License](https://creativecommons.org/licenses/by-sa/4.0/). Authored by Arturo Ozuna - TCC Connect Campus - 2023

- Ask them how they would summarize the article differently based on their understanding of the concepts



This work is licensed under a [Creative Commons Attribution-ShareAlike 4.0 International License](https://creativecommons.org/licenses/by-sa/4.0/). Authored by Arturo Ozuna - TCC Connect Campus - 2023