

# AI Classroom Challenge Example Submission

*This is a rough example to guide a submission's structure, and is a relatively elementary Use Case. Ensure your submission is original and tailored to your unique use case.*

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## Use Case Title:

*Personalized Learning of Concepts with ChatGPT*

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## Description (50 words max):

You can use ChatGPT as a tutor to learn challenging concepts, specifically by giving ChatGPT information which allows it to tailor to your needs. Do this by communicating your expertise level, pose follow-up queries about uncertainties, and verify your comprehension by presenting examples.

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## Tutorial for Use and Best Practices:

### 1. Initiating the Conversation with ChatGPT

- a. Type into ChatGPT: "I am a [knowledge level]. Help me understand [concept] in the context of [context]".
- b. *Best Practices:*
  - i. You don't need to be super specific about your knowledge level. Saying 'university student', or '3rd grader' is sufficient.
  - ii. You can present a concept generally or specific element. For example, 'the freerider problem', or 'the idea of non-excludability in the freerider problem'.
  - iii. You can add context about your situation to help ChatGPT better give advice, such as 'an intro economics class', or 'air quality'.

### 2. Reviewing and Asking Follow-Up Questions

- a. Review the generated response.
- b. If unclear about any aspect, ask specific follow-up questions.
  - i. [Following the freerider problem prompt] E.g., "Help me understand the non-excludability element. At what point would you consider this to apply?"

c. *Best Practices:*

- i. ChatGPT is just a robot! So don't be scared to ask about any confusions.
- ii. You can break down complex concepts into simpler ones, and ask ChatGPT to explain them one by one.

3. [Optional] **Validating Understanding with Examples**

- a. Present examples related to the topic and ask ChatGPT to evaluate them.

b. *Best Practices:*

- i. Use examples relevant to your own life if possible
- ii. Ask ChatGPT to explain why an example is correct or incorrect.

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## Impacts on Learning:

**Positive Impacts:** Justify how the AI tool can enhance the learning experience. How does the presence of the AI Use Case result in a deeper understanding of the subject?

**Limitations:** Critique limitations or drawbacks where the tool might limit learning. Where and when should this NOT be used?

Leveraging ChatGPT to customize responses to my proficiency ensures I'm not overwhelmed with complex language. The ability to pose targeted questions lets me address specific doubts confidently. Validating my comprehension with examples reinforces my learning.

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## Ethical Considerations:

ChatGPT, while powerful, has its limitations. It might occasionally provide inaccurate information. If you possess the Premium version of ChatGPT, enabling Plugins can connect ChatGPT to the internet, allowing it to cite sources. Although ChatGPT excels at elucidating concepts, it might not always match the depth offered by human educators. Moreover, consistent internet access and platform availability are prerequisites, potentially excluding some students.

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**Link to an Example:**

[\[Example ChatGPT Conversation\]](#)