



Worksheet #6: TEACHER INFO

“Guiding Students in Creating Smart Flashcards with AI”~ S2E13

Overview

This guide provides teachers with a structured approach to help students create smart flashcards from their notes, textbooks, and slides. Flashcards encourage active recall, reinforce memory, and make studying interactive. By following these steps, you can support students in building effective flashcards and using them as a powerful study tool.

Step 1: Introduce the Purpose of Flashcards

1. Explain the Assignment’s Objective:

- Tell students that this assignment will help them create flashcards for studying key terms and concepts. Explain that flashcards improve memory and comprehension through active recall, a technique where students actively try to remember information before checking the answer.

2. Discuss the Benefits of Using Flashcards:

- Explain how flashcards support long-term retention by encouraging repeated exposure to important information. Emphasize that flashcards are particularly useful for reviewing definitions, terms, and complex concepts.
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Step 2: Guide Students in Gathering Key Information

1. Encourage Students to Collect All Relevant Materials:

- Ask students to gather their lecture notes, textbook, and slides. Let them know that having complete information will ensure their flashcards are accurate and comprehensive.

2. Provide a Checklist for Key Content:

- Offer a checklist of items to consider when creating flashcards.

Suggested items:

- Important terms and vocabulary
- Key concepts and definitions
- Essential dates, formulas, or diagrams (for subjects like history or math)

3. Encourage Reflection:

- Prompt students to think about why certain terms or concepts are important. This can help them decide which information to prioritize on their flashcards.

Step 3: Walk Students Through Using AI Tools to Create Flashcards

1. Recommend an AI Flashcard Tool:

- Suggest user-friendly AI tools like Quizlet or Anki, which can generate or help organize flashcards based on input. Demonstrate one of these tools if possible, showing students how to input key terms and definitions.



2. **Guide Students in Entering Information into the Tool:**

- Show students how to enter terms and definitions or upload their notes to generate flashcards automatically, if the tool allows it.

Encourage them to create cards with a question or term on one side and an answer or definition on the other.

3. **Encourage Reflection on AI Suggestions:**

- Ask students to review the flashcards created by the AI tool.

Encourage them to think about any new questions or definitions generated by the AI and consider how these might improve their understanding.

Step 4: Help Students Review and Organize Flashcards

1. **Support Students in Editing Flashcards for Clarity:**

- Guide students to go through their flashcards to ensure all terms, definitions, and questions are clear and accurate. Encourage them to make adjustments as needed for readability.

2. **Teach Students to Organize Flashcards by Topic or Difficulty:**

- Explain the benefits of organizing flashcards by topic or difficulty. Grouping flashcards can make it easier for students to study specific areas or focus on challenging topics.



3. Reflection Questions:

- Prompt students to think about how organizing their flashcards helps them study. Sample questions:
 - How does organizing flashcards make studying easier?
 - Which topics do you need more flashcards on?
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Step 5: Using Flashcards for Study and Review

1. Encourage Students to Quiz Themselves Regularly:

- Guide students to go through their flashcards regularly and try to recall answers before flipping each card over. This active recall process is essential for strengthening memory.

2. Teach Students to Track Their Progress:

- Encourage students to separate correctly answered flashcards from those they need more practice with. This helps them focus on areas where they need improvement.

3. Reflection and Feedback:

- After completing their flashcards, ask students to reflect on how the process helped them. Suggested reflection questions:
 - How did creating flashcards help you understand the material?
 - What would you change or add next time when creating flashcards?

This guide provides you as teachers with the structure needed to help your students create and use smart flashcards with AI. By following this approach, you can support your students in using flashcards as an effective study tool that reinforces memory and improves learning.