



Worksheet #7: “Using GenAI to Create Practice Tests and Quizzes”

All Parts~ S2E14

Overview

This worksheet will help you use AI tools to create practice tests and quizzes from your notes, textbook, and slides. Practice tests allow you to test your knowledge, identify areas of struggle, and improve your understanding of the material.

Part 1: Gathering Key Information

1. Collect Your Materials

- Gather all relevant lecture notes, textbook, slides, and handouts for the topic you’re studying. Having comprehensive materials will help you create thorough practice questions.

2. Identify Important Topics and Concepts

- Review your materials and identify the main topics, key terms, and important concepts that should be covered in your practice test or quiz.
- **Key Topics:**
 - Topic 1: _____
 - Topic 2: _____
 - Topic 3: _____
 - Topic 4: _____
 - Topic 5: _____



3. Reflection Question

- Why are these topics and concepts essential to understand for your exam or assignment?

Part 2: Using AI Tools to Generate Test Questions

1. Selecting an AI Tool

- Choose an AI tool that can help you generate questions based on your materials. Options include ChatGPT (for question generation), Quizlet (for quiz creation), or Google Forms (for building quizzes).
- **Chosen Tool:** _____

2. Inputting Information into the Tool

- Use your key topics and concepts as prompts to generate multiple types of questions. You can request specific types of questions such as multiple-choice, true/false, short answer, or fill-in-the-blank.
- If possible, specify the difficulty level (easy, medium, hard) to create a range of questions that gradually challenge you.

3. Reflection Question

- Did the AI-generated questions cover the main ideas? Were there any questions that made you realize you need to review certain concepts?



Part 3: Reviewing and Organizing Questions

1. Edit for Clarity and Accuracy

- Go through each question generated by the AI tool. Ensure that the wording is clear and that the questions accurately reflect the material.
- Make any necessary adjustments or rephrase questions to match your understanding.

2. Organize Questions by Topic or Difficulty

- Arrange your questions by topic or difficulty level. This organization will help you focus on specific areas and gradually increase the challenge as you gain confidence.

3. Reflection Questions

- How does organizing questions by topic or difficulty help you study more effectively?
 - Are there specific topics that you found more difficult and want to focus on?
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Part 4: Taking the Practice Test and Analyzing Results

1. Complete Your Practice Test

- Go through your practice test or quiz as if it were a real exam. Try to answer each question without looking at your notes.

2. Check Your Answers and Identify Areas of Struggle

- Review your answers and mark the questions you answered incorrectly. Pay special attention to areas where you struggled or were unsure.

3. Create a Study Plan Based on Results

- Based on the questions you missed, create a study plan that includes extra practice on specific topics. If possible, generate additional questions on these areas using the AI tool.

4. Reflection

- How did taking a practice test help you prepare for your exam or assignment?
- What topics do you need more practice with, and how will you address them?

Teacher notes: This worksheet will guide students in creating practice tests and quizzes from their notes, textbook, and slides, allowing them to focus on areas where they need more practice and adjust the difficulty as needed.