

Generating Content Using AI Advanced Organizer

Learning Objective

Action: Generate Content Using AI

Conditions: Given access to a collaborative environment with handouts, research capabilities, & Synthetic Content generation tools

Standards: Successfully create AI-generated content that meets quality standards and is relevant to provided prompts

Quick Overview

- **Audience:** Government employees
 - **Learning Domain:** Cognitive
 - **Resources:** Computer, internet access, Synthetic Content generation tools, example prompts, handouts
 - **Duration:** 40 minutes
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Performance Steps

1. **Select & Configure Tools:** Choose appropriate AI tools and set up the environment
 2. **Generate Content:** Input data and generate initial content using well-crafted prompts
 3. **Review & Refine:** Evaluate outputs and refine prompts for improved clarity and quality
 4. **Present & Feedback:** Share results and incorporate constructive feedback
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Lesson ELM Steps

Time	ELM Phase	Brief Activity Description
4 min	Concrete Experience	Attention Grabber & Pair Exercise: Simulate using AI by pairing students for a brief exercise on explicit instructions. Follow with a discussion on the importance of clarity.
4 min	Publish and Process	Introduction: Present the learning objectives and key concepts of Synthetic Content generation.
12 min	Generalize New Information	Overview & Strategies: - Overview of AI content generation tools - Introduce prompting strategies for clarity and memorization - Engage with an interactive quiz and group challenge using prompts: - “Create a SITREP for what you did in class today.” - “Create an Email to your boss about the importance of AI enabled tools.” - “Create advanced search queries to find the latest Fishing Companies in the Pacific.”
6 min	Develop	Application of Best Practices: Hands-on session where groups create and refine their prompts, discussing adjustments to achieve clearer AI outputs.
10 min	Apply	Practical Exercise: Groups generate content (text, visual, and code examples) using AI tools, followed by brief presentations and discussion on improvements.
4 min	Check On Learning	Summary & Reflection: Recap key points, answer questions, and reflect on how specificity in prompts improves generated content.