PROMPT ENGINEERING SKILLS WORKSHOP
Facilitation Guide

OBJECTIVES

- Learn how generative AI and prompt engineering work
- Build AI skills by writing multiple prompts for both text and image-based outputs
- Understand why AI skills are important for careers

MATERIALS NEEDED

- Workshop slide deck
- Desktop computers or laptops for each student or students can work in small groups
- Internet access
- Access to one or more AI tools (Gemini, ChatGPT, etc.) - depending on school policies, you may need to work with your IT department to confirm which one(s) students can use

SKILLS WORKSHOP STRUCTURE

Introduction & overview (5 minutes)

- Provide your background and how you use AI in your work
- Introduce the key questions and concepts being covered in the workshop

Overview of AI & prompt engineering (10 minutes)

- Walk through the visuals on how AI and prompt engineering work
- Ask questions to keep students engaged

Prompt engineering activity (20 minutes)

- 2 options: Creating a mobile-based business or planning a fundraising event
- Select the one you prefer
- Have students write prompts and continue to refine them
- Bring the group back together and ask for some students to share

Why prompt engineering & other AI skills matter in careers (5 minutes)

- Emphasize how employers perceive AI skills
- Walk through how to use AI for identifying different careers of interest

Career development prompt engineering activity (15 minutes)

- Have students write a prompt that includes their activities and interests and requests ideas on what careers align with that information
- Students should then refine the list to focus on 1-2 careers of interest, including the education, experience, and skills needed for those careers
- Bring the group back together and ask for some students to share

Conclusion & review (5 minutes)

- Ask students to share one new thing they learned
- Encourage them to continue to experiment with AI tools

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