



Worksheet #6 All Parts S1E13:

“Exploring AI for Creative Projects (Art, Music, and Design)”

Objective: Students will use AI tools to assist in creating artwork, music, or designs. They will compare and reflect on the creative process of AI tools versus their own original approach.

Part 1: Understanding AI in Creative Projects

1. **Introduction to AI Creativity:** Before diving into your project, explore an AI tool that can assist in creative projects. Some options include:
 - **AI Art Generators** (ex. DALL·E, Artbreeder) for visual art.
 - **AI Music Composers** (ex. AIVA, Amper Music) for music creation.
 - **AI Design Tools** (ex. Canva with AI features, Deep Dream) for graphic design.
2. **Choose a Tool and Medium:** Select an AI-powered platform based on the type of creative project you’d like to work on—whether it’s art, music, or design.

Task:

- Write down the AI tool you’re using and describe what type of creative project you will make (ex. a digital artwork, a short piece of music, or a logo design).

Reflection:

- What is your creative idea? What do you hope the AI tool will help you achieve?
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Part 2: Creating with AI

1. **Generate the AI-Assisted Creation:** Input a prompt into the AI tool to generate part of your creative project. Here are some ideas based on the medium you choose:
 - **Art:** Use an AI art generator to create an image based on a descriptive prompt (ex. "a sunset over a futuristic city").
 - **Music:** Use an AI music composer to create a short track based on your chosen genre (ex. "a calm piano melody").
 - **Design:** Use an AI design tool to create a simple logo or graphic based on your idea.

Task:

- Write down the prompt you gave to the AI and describe the output it generated (attach or insert the output if possible).

Reflection:

- What was your reaction to the AI's creation? Was it close to what you imagined? How did the AI interpret your prompt?



Part 3: Refining and Adding Your Original Touch

1. **Add Your Own Creative Input:** Now, take the AI-generated creation and refine it by adding your own unique touch. For example:
 - Edit the AI-generated artwork by changing colors, adding details, or combining it with your own hand-drawn elements.
 - Take the AI-composed music and add your own melody or lyrics or adjust the tempo to fit your vision.
 - Modify the AI-generated design by adjusting the fonts, colors, or layout to match your style.

Task:

- Describe the changes you made to the AI's creation and explain why you made those adjustments.

Reflection:

- How did your changes improve or enhance the AI-generated work? What part of the project feels most "yours"?
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Part 4: Comparing AI's Creative Process with Your Own

1. **Reflect on the Differences:** AI tools are great at generating creative content quickly, but the process is often different from human creativity. Reflect on the differences between how you and the AI approached the project.

Task:

- Write a short comparison between the AI's creative process and your own.
 - How does the AI come up with its ideas (based on data, algorithms, and patterns)?
 - How do you come up with your ideas (based on personal experiences, emotions, and inspiration)?

Reflection:

- In what ways was the AI's approach to creativity helpful or limiting?
 - How would you describe the balance between using AI and relying on your own creativity for this project?
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Part 5: Final Reflection and Discussion

Task:

- Write a paragraph summarizing your experience using AI to help with a creative project. Answer the following questions:

Questions to Consider:

- Did using the AI tool make the creative process easier or more difficult? Why?
 - How do you feel about the final product? Do you think AI can truly "create," or is it just following patterns and instructions?
 - In what ways might AI be useful for future creative projects, and where do you think human creativity is still essential?
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Teacher's Notes:

- Encourage students to focus on the balance between AI assistance and human creativity, highlighting the importance of using AI as a tool, not a replacement.
- Discuss how AI tools can help speed up the creative process while still requiring human input to refine and personalize the work.
- Facilitate a conversation about the limitations of AI in truly understanding the emotional and subjective aspects of human creativity.

This worksheet guides students through a creative process that uses AI as a complement to their original ideas, helping them reflect on how technology can assist but not replace human creativity.