Elevating Classroom Engagement With AI:

Fostering Interactive and Collaborative Learning

Tools and Resources

Contact

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Contact me with any questions or comments.

Use the enclosed tools and resources to create a culture of authenticity in your teaching practice. Scan the QR code for more.

NEXT

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Abstract
In an era marked by rapid technological advancements, the integration of AI in education presents a unique opportunity to revolutionize teaching and learning experiences. By combining the transformative potential of AI with the principles of authenticity and vulnerability, this workshop equips teachers with the knowledge and skills to create learning environments that are both technologically advanced and deeply rooted in human-centered pedagogy. Through experiential activities and thought-provoking discussions, teachers will explore AI tools and techniques to enhance student engagement, promote collaborative learning, and create immersive educational experiences. Creative teaching methodologies and innovative technology integration strategies will be central ensuring a cross-disciplinary applicability that transcends subject matter boundaries.

Outcomes
- Gain practical insights into infusing authenticity into teaching practices, emphasizing vulnerability and creative methodologies.
- Discover how to adapt the concepts of authenticity and technology integration to specific subject matter, ensuring a transferable and impactful approach to enhancing student engagement and connection.
- Understand how to use AI to facilitate and enhance collaborative learning experiences.

Links For Session
Link to Slide Deck

Link to Self-Portrait Padlet
- Ideogram

Link to ChatGPT
Link to Perplexity
Link to Suno

Directions for AI Self-Portrait
1. Choose an AI Image Generation Tool: Participants can use any of the following tools to create their self-portraits:
   - Ideogram: Leverage its powerful AI capabilities to transform detailed text prompts into stunning images.
   - Adobe Express: Enhance their self-portraits by incorporating various design elements, text, and graphics.
2. Prompt Writing Practice:
   - Think about their favorite hobby and how they would like to represent themselves while engaging in it.
   - Write a detailed prompt for the AI generator. For example, describe your appearance (hair color, clothing) and the scene (e.g., painting a landscape, playing guitar).
   - Enter your prompt into the chosen AI tool.
3. Upload your picture to Padlet with a brief description of your hobby and the prompt they used to create the image
   - To add your picture, click on the "+" button on the Padlet board.
   - In the pop-up window, choose "image" and upload the image.

AI Jams: Sing Your Content!
1. Concept Selection: Choose a specific concept from an upcoming lesson. Brainstorm 3-5 key points about your chosen topic. Identify important vocabulary and terminology. Consider the tone or mood that best suits the subject matter.
2. [Visit Suno](#) and craft your prompt based on your brainstorming in Step 1.
   a. **Example prompt:** "Create an upbeat pop song about photosynthesis. Include lyrics about sunlight, chlorophyll, and carbon dioxide. The chorus should emphasize how plants convert light energy into chemical energy. Use synthesizers and acoustic guitar to create a bright, natural feel."
3. Listen critically and make notes on what works well and what could be improved. Allow for 2-3 iterations, refining the prompt each time based on the results.
4. Share your song!
5. Reflection and Application: Think about how the song creation process deepened your understanding of your chosen concept.

Directions for Who Am I?
1. Divide into pairs. Find a partner. 😐
2. Each pair chooses a historical figure secretly. They should not reveal this to their partner or ChatGPT.
3. One person in each pair will interact with ChatGPT, while the other observes and takes notes.

**The goal is to get ChatGPT to guess the chosen historical figure using clever prompting, without explicitly naming the person.

4. Start by asking ChatGPT broad questions about the period or field the person was involved in. Gradually narrow down with more specific questions about achievements, events, or characteristics associated with the person.
5. Pay attention to how ChatGPT responds and adjust your prompting strategy accordingly. If ChatGPT makes incorrect guesses or provides inaccurate information (hallucinations), note these instances for discussion later.
6. When ChatGPT correctly guesses the person, switch roles within the pair and choose a new historical figure.

Directions for Community Impact Brainstorming

1. Choose an AI tool for idea generation, such as ChatGPT, perplexity, Gemini, Co-pilot.
2. Select a specific societal issue you want to address. Frame it as a question or a "How Might We" statement (e.g., "How might we reduce food waste in our community?").
3. Input your problem statement into the AI tool and generate a list of potential solutions or ideas. Refine your prompts to explore different angles or aspects of the issue.
4. Discuss and prioritize Ideas with your partner. Think about how these ideas could be implemented in your community.

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