AI Playground:
Prompt Critical Thinking While Exploring the Limitations and Potential of AI

LeighAnn Tomaswick

(she/her)

Innovation Learning Design Specialist

KENT STATE UNIVERSITY | Center for Teaching and Learning

What to Expect Today

Have fun, prompt critical thinking & explore the limitations and potentials of AI

Welcome to our workshop, a journey we'll embark,
with fun and learning, we'll surely leave a mark.
We'll dive into the **origins of the AI playground**,
Discovering its roots, where innovation is found.

At our institution, we crafted it with care,
offering tools and insights, a vision to share.
Imagine how it could flourish at your place,
Together we'll **explore**, at a comfortable pace.

We'll pick a project, one that excites us all,
Collaborate and create, answering the call.
Feel free to ask questions, let curiosity run,
In this workshop, learning and fun are one.

~written by CoPilot

Origins

↓

Offerings

↓

Translate

↓

Try it Out

AI Playground Origins & Paths

- **Inspiration:** virtual workshop on AI Spring 2024

- **Challenge:** workshops must be short
  - Learn about policy, responding to unexpected use, writing & AI and strategies to support responsible student use of AI
  - Not enough time to demo / play during workshops about AI
  - AI limitation discussion are limited without context/experience
  - "never thought of those uses but how do we do it"

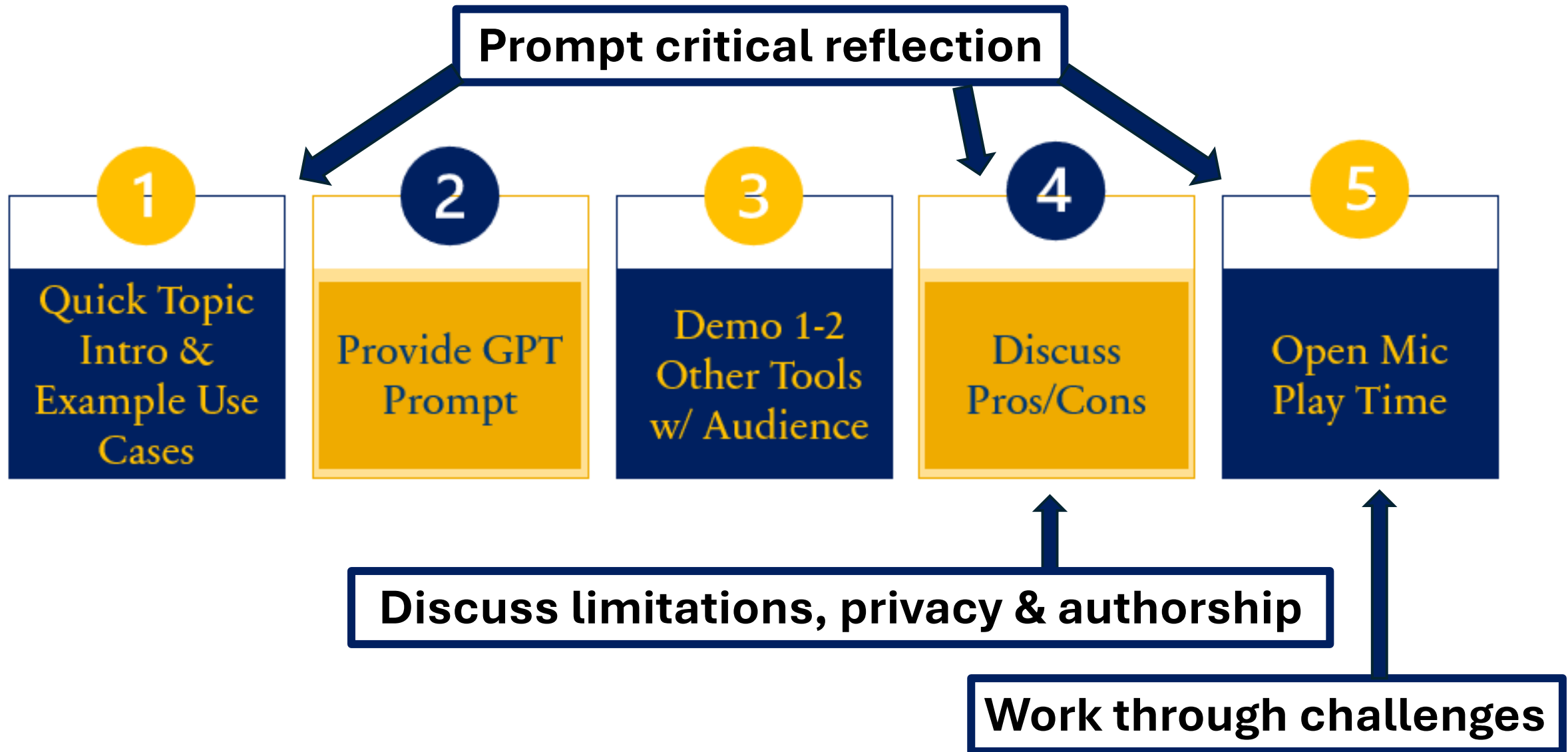- **Solution:** break down use cases to explore → AI Playground Series

What use cases/topics would others (you/students) be interested in?

What Topics Were in Our Playground Series?

- Enhancing Engagement with AI
- **Image & Visual Content Creation**
- Creating Case Studies with AI
- **Summarization with AI Tools**
- **AI-Assisted Rubric & Feedback Generation**
- **AI-Assisted Quiz & Assessment Questions**
- AI Show & Tell

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30-minute AI Playground Agenda

Prompt critical reflection

1 Quick Topic Intro & Example Use Cases

2 Provide GPT Prompt

3 Demo 1-2 Other Tools w/ Audience

4 Discuss Pros/Cons

5 Open Mic Play Time

Discuss limitations, privacy & authorship

Work through challenges

Translating Workshops for Classroom Use

- Defining the **learning outcome** for students / purposeful use

- Consider **technology availability & student privacy**

- How can we ensure students are critically thinking and engaging in the activity (**accountability)**?
  - Turn in AI product
  - Share product with other students

+ reflection prompt response(s)

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AI Playground Image Generation Uses

- Teach about AI limitations (visually) and/or course introductions

  "Create self-image that could help people recognize you in person & share…"

- Foundation for identity conversations
  - *What elements did you choose to use in your prompt?*
  - *Why did those stand out for you?*
  - *Which ones did you leave out? Why?*

- Enhancing slide and video development

  "Try out one of these tools & create something that is meaningful to you"

What other ways might you incorporate AI-image generators?

AI Playground Summarization Uses

- Save time - is it worth watching (before)

- Simplify content (digestible pieces/rephrase) – during reading

- Reinforce learning of material – after reading
  - Compare main ideas - improve note taking / ID most important points
  - Identify bias/gaps of information from Gen AI output

- Writing / research assistance
  - Draft outlines
  - Structure essays
  - Summaries of articles

AI Playground Assessment Generation Uses

- Prepare for assessments
    - Make supportive practice questions (easier → harder)
    - Easier, more fun retrieval practice (individual or with peers)
        - Quizzes (Kahoot, Blooket)
        - Flashcards (Quizziz)

- Greater in-depth studying
    - Editing Gen AI generated assessment questions
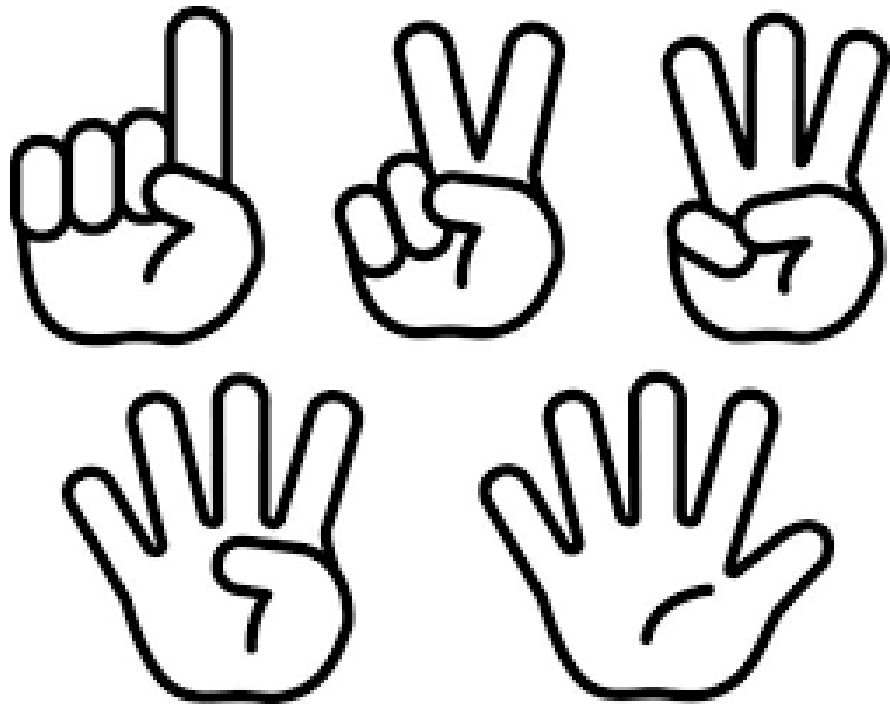   - Check alternative answer explanations

What other ways might you incorporate AI-assessment assistors?

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AI Playground Feedback Uses

- Feedback partner (interactive conversation)

- First "look" by something else

- Application of a rubric to an assignment

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Apply the AI Playground

- Think about the goals/objectives of your course
  - Learn about and explore Gen AI
  - Use Gen AI in efficacious ways
    - Discuss your course policy about its use
    - Learn about the bias innate in Gen AI
  - Evaluate strengths and limitations of Gen AI
  - Use tools to research/study

- Provide *some* information about Gen AI and/or guidance before playing

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Questions

Thank You!

Feel free to contact me at ltomaswi@kent.edu or

(330) 672 0400

Scan to connect with me on LinkedIn

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