

Enhancing the Human Aspects in Designing Learning with GenAI

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Today's Agenda



Introduction

Check-in

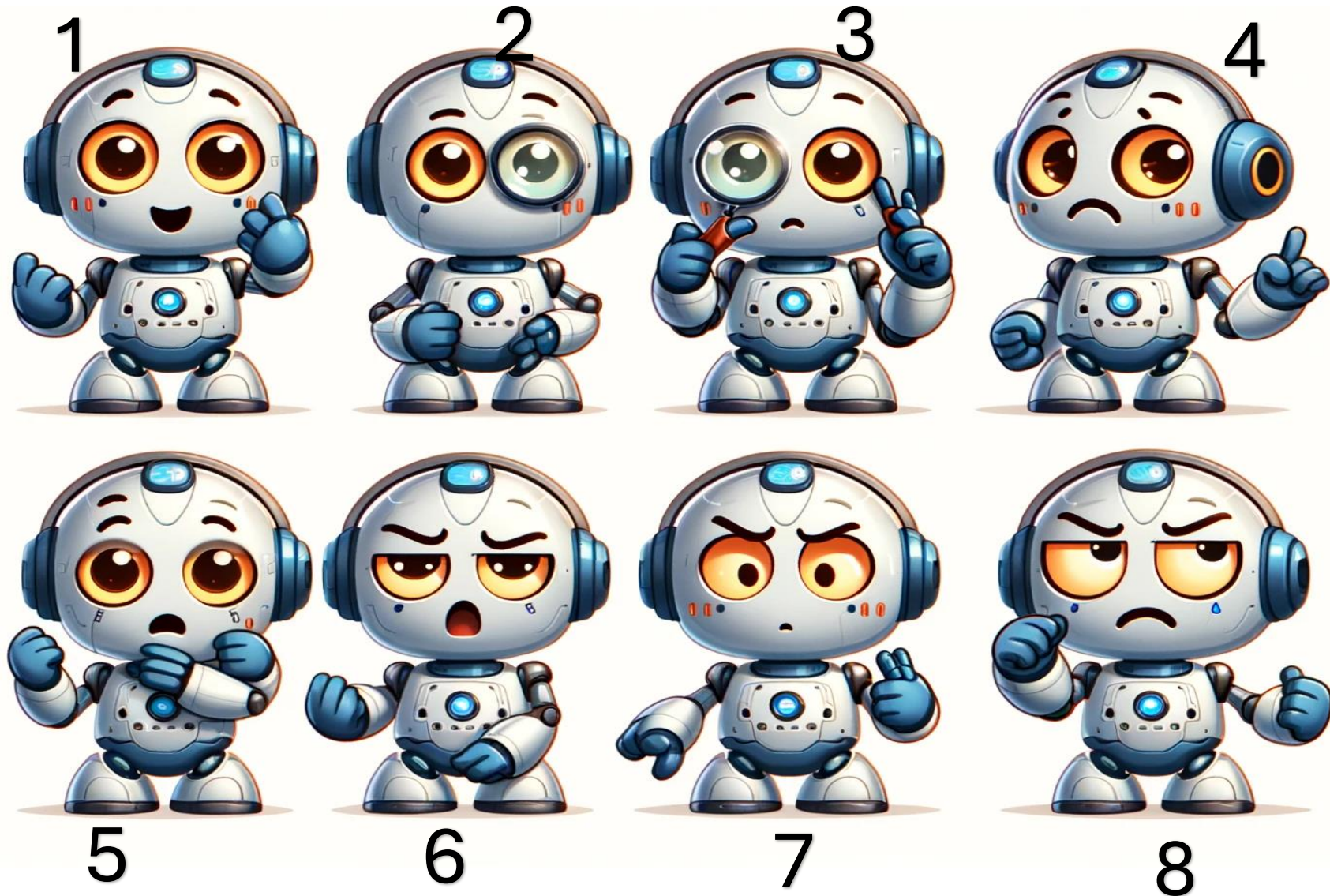
Discussion: Principles of human-centred design in the context of GenAI-enhanced learning environments.

Design learning with GenAI

Q&A Session



On an AI scale, how do you feel when you hear another talk or conversation related to AI?



Poll Questions

- Do you currently have accounts with GenAI tools, like ChatGPT or CoPilot?
- Have you ever used GenAI to generate content for your coursework or professional work?
- Have you used GenAI tools in your assessment practice?

GenAI Literacy

Know and Understand

- Acknowledge its presence
- Know its strengths and limitations
- Understand the importance of human decision-making

Explore and Apply

- Test and play with the tools
- Build some tech understanding about the platforms
- Integrate the tools into teaching and learning practice

Evaluate, Confront and Create



- Evaluate input and output and review the impact of those tools in teaching and learning.
- Confront all the uglies that GenAI may pose in educational settings
- Create policy and framework that reflect AI ethics
- Create the tool for your appropriate and responsible use of AI in education

~~I don't embrace AI!~~

~~I don't promote any specific tools!~~



Designing meaningful learning

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- No doubt it will still be a complex landscape to navigate with many challenges ahead, but we will also have a unique opportunity to revolutionize educational access and quality on a scale that was previously unimaginable. ... (Nufer, 2023)
 - How can we make sure teaching prioritises the human? (Selkrig et al., 2023)
 - There isn't much educators can do to slow down AI development, but you do have control of your own class environment, and it is prudent to prioritize the humans in these spaces. (Prins, 2023, An Educational Emergency: The Bot vs. the Human in Your Classroom Blog)
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Instructions

Go to


www.menti.com

Enter the code

2997 3252





Or use QR code



What aspects of your teaching do you
value the most?







Human creativity, critical thinking, and empathy are integral to the design process because they encompass aspects of intuition, emotion, ethics, and human understanding that are challenging for AI to replicate.

<https://medium.com/@Paul4innovating/design-thinking-requires-the-human-touch-in-a-world-of-technology-and-gen-ai-12ee1c5a6979>





Human-centred learning design—which places the human at the heart of digital pedagogy and learning design—can help educators and leaders ensure that digital learning is effective, inclusive, and engaging.

Selkrig et al., 2023, p. 6



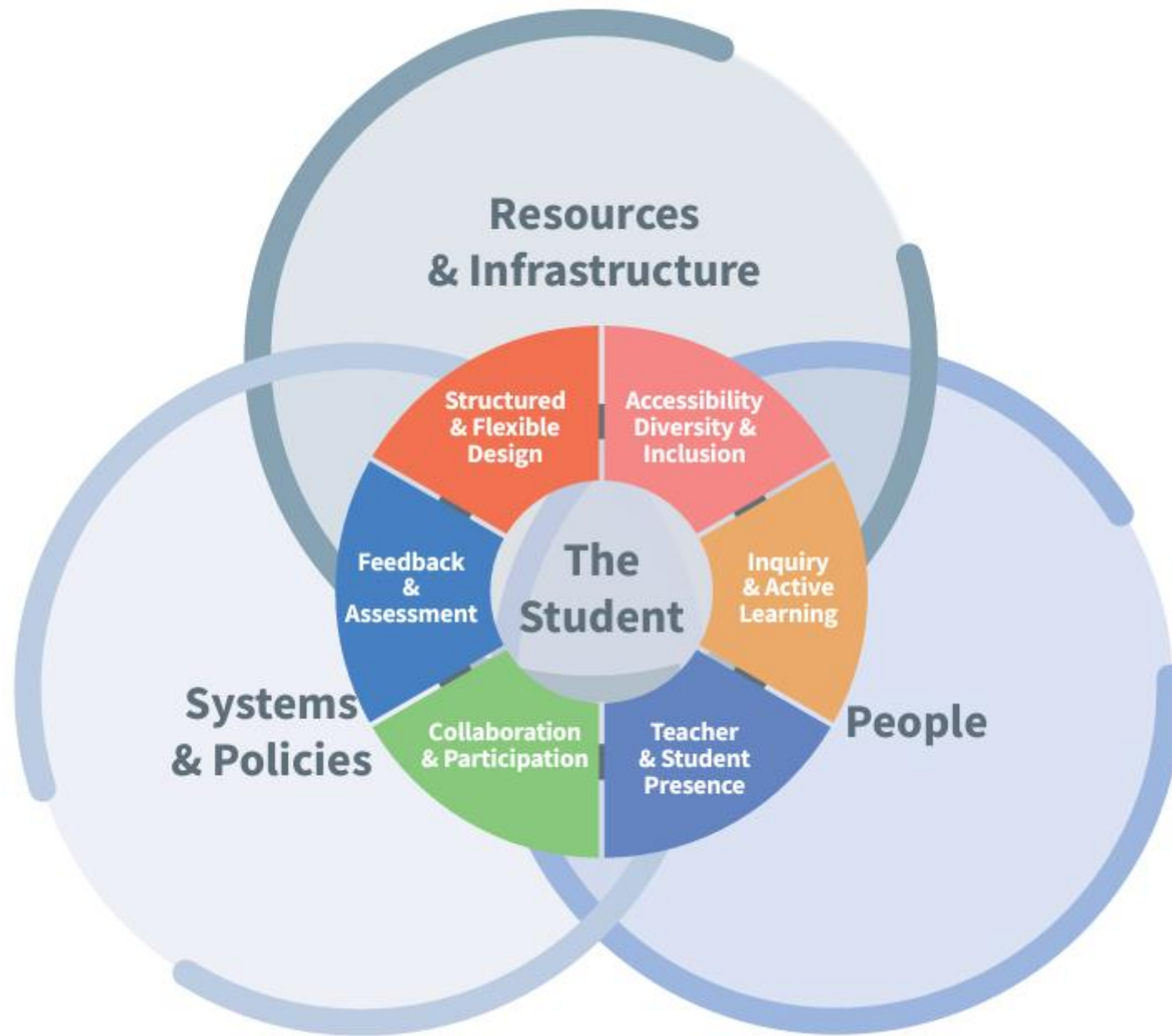


Figure: Human-centred learning design informed by dimensions (Selkrig et al., 2023, p. 15)

Strategies to support **human-centred design**

1. Use **structured and flexible design** to accommodate the varied needs and interests of learners
2. Prioritise **accessibility, diversity and inclusion** in all learning design
3. Apply strategies from **inquiry and active learning** to making learning engaging, meaningful, and effective
4. Provide opportunities for **teacher and student presence** in learning spaces online and offline to support connection
5. Foster **collaboration and participation** in learning activities and tasks
6. Consider innovative, authentic, ongoing approaches to **feedback and assessment**

(Selkrig et al., 2023)



Harnessing Perplexity AI for Research and Effective Source Identification

BRYONY DROUGHT



UBC's AI corner



Assessment reform for the age of artificial intelligence

November 2023



ipus.ca) is signed in

TEQSA

Learning
Design with
GenAI Padlet



Using ChatGPT 3.5 for creating interactive dialogues to enhance the empathy element

Tool: ChatGPT 3.5

Human Aspect: Cultivating empathy through role-playing different historical characters or cultural perspectives

Activity Description: Students are allowed to use ChatGPT to engage in a conversation with AI-generated characters from different historical periods. The goal is to understand diverse cultural and historical perspectives, fostering empathy.

Image: (I can't draw) a classroom of students interacting with large screens displaying AI-generated characters in historical periods.





4C1E Model

- Critical thinking
- Creativity
- Collaboration
- Continuous Learning
- Empathy



Develop a practical framework that maximizes the human element in teaching with GenAI





Ready? Let's share our Framework!



1-2-4 All

1 minute: Reflect on this question:

In one or two sentences, describe how you think generative AI can enhance the design of meaningful learning experiences.

2 minutes: Interact with a Chatbot

Put this prompt into any Chatbot that you are familiar with.

Note how the chatbot's response (aligning with or challenging your view?). What are your thoughts?

4 minutes: Share insights with the whole group.



Questions?

Reference

Selkrig, M., Dulfer, N., Harrison, M., Smith, C., Cochran, T., & McKernan, A. (2023). *Keeping it human: Learning design in the digital age*. The University of Melbourne, Faculty of Education: Melbourne, Australia.

Prins, H. (2023). An Educational Emergency: The Bot vs. the Human in your classroom. Bccampus, <https://bccampus.ca/2023/07/10/an-educational-emergency-the-bot-vs-the-human-in-your-classroom/>

Nufer, S. (2023). Balancing Human Touch with AI in education. <https://community.canvaslms.com/t5/Artificial-Intelligence-in/Balancing-Human-Touch-with-AI-in-Education/ba-p/590952>