

Interactive Exercise 3

Title: **Learning Pathways 2.0: Crafting Personalized Journeys with AI**

Objective: Participants will learn how AI can personalize learning for diverse students by generating differentiated tasks based on fictional learner profiles

Group Size: Small Groups or Whole Class

Duration: 20–30 min ?

Instructions:

- **Step 1:**

Facilitator introduces the concept of AI-driven personalization and how it can address varied learning styles, abilities, and linguistic backgrounds while maintaining safe, equitable classroom practices.

- **Step 2:**

1. Groups receive **three fictional learner profiles** generated by AI (e.g., visual learner, recently arrived migrant student, student with dyslexia).

2. Using an AI tool, they ask it to produce *three versions* of the same task:

- One simplified
- One enriched/advanced
- One multimodal (audio/visual/text)

3. Groups compile their personalized tasks into a shared slide or document.

- **Step 3:** Discussion Questions

- How did personalization improve access for each learner?
- What risks exist when relying on AI for personalization?



- How can teachers monitor fairness and avoid reinforcing stereotypes?
- What classroom policies support safe and participatory AI use?

Materials Needed:

- Access to an AI generation tool (chatbot, image generator, or multimodal assistant)
- Handouts with fictional learner profiles
- Digital workspace (Slides, Jamboard, Canva, Notion, etc.)
- Projector or interactive whiteboard
- Markers, index cards, and notebooks for brainstorming

Expected Outcome:

Groups produce three differentiated versions of the same learning task (simplified, advanced, and multimodal), tailored to fictional learner profiles. The final result is a small portfolio of personalized learning pathways demonstrating how AI can adapt instruction for diverse students.

