



Worksheet #5 Part 1 S1E11: “Exploring AI for Personalized Learning”

Objective: Students will explore how AI tools can create personalized learning experiences by adjusting content, resources, and feedback based on their individual strengths and weaknesses. They will reflect on how AI helps tailor learning paths to their needs.

Part 1: Understanding Personalized Learning with AI

1. **Introduction to AI Learning Platforms:** Before you begin, familiarize yourself with an AI-based learning platform such as Khan Academy, Duolingo, IXL, or any other AI-powered educational app. These platforms often adjust the difficulty of the material based on your answers and progress.
2. **Choose a Platform:** Select an AI-powered platform that offers personalized learning paths. If possible, choose one that you haven't used much before.

Some suggestions:

- **Khan Academy** for personalized learning in subjects like math, science, and humanities.
- **Duolingo** for personalized language learning.
- **IXL** for adaptive practice in math, language arts, science, or social studies.



Task:

- Write down the name of the platform you're using and the subject or topic you are working on (ex. Math on Khan Academy, Spanish on Duolingo, etc.).

Reflection:

- What do you already know about this subject or topic? What areas do you think will be challenging?
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Teacher's Notes:

- Encourage students to think about the benefits of AI in personalizing education to fit individual needs and how that compares to traditional teaching methods.
- Discuss the limitations of AI in understanding deeper nuances of a student's learning journey, such as emotional challenges or motivation levels.
- Highlight how students can use AI tools as a complement to teacher-led learning and not as a replacement for human interaction.

This worksheet helps students explore the ways in which AI adapts learning content to individual needs, allowing them to reflect on how these tools can make their educational experience more engaging and tailored to their abilities.