3.3 Learning Design Facilitator (LDF)

What is Learning Design Facilitator (LDF)?

To help you create your learning design, the IDEALS team has developed the **Learning Design Facilitator (LDF)**, which includes different agents to answer your questions, provide suggestions, and support you throughout the entire learning design process. Currently, we have both the **AI Facilitator** and the **LDS Assistant** available.

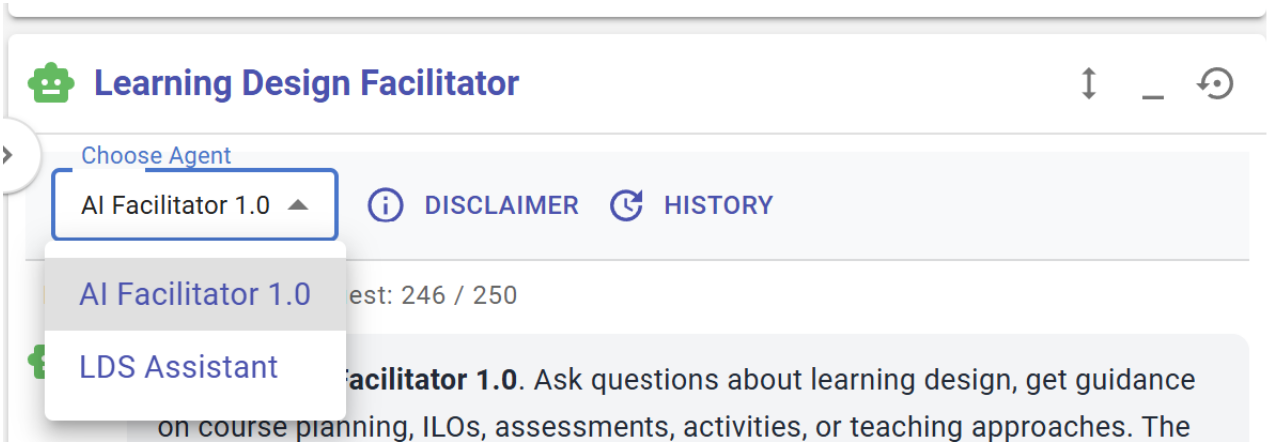


Figure 3.5: Interface of Learning Design Facilitator (1)

You can switch the LDF between two agents in the **"Choose Agent"** menu.

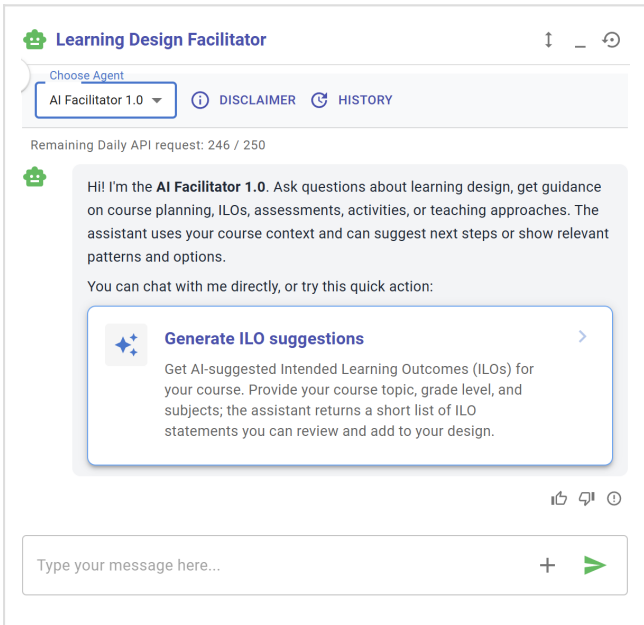


Figure 3.6: Interface of AI Facilitator

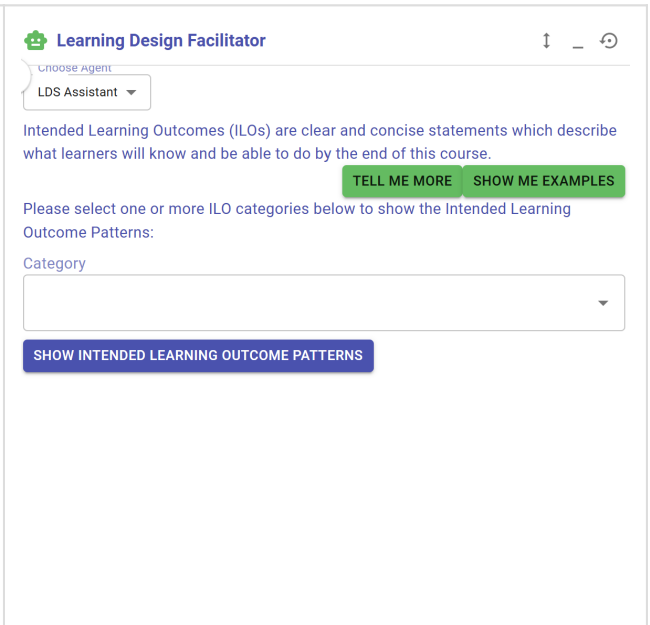


Figure 3.7: Interface of LDS Assistant

AI Facilitator

The AI Facilitator is an LLM-powered agent that currently serves two main functions: it can **1) act as a chatbot for conversation**, and it can **2) provide suggestions and make changes to your current design**. It is part of an ongoing development process and will support more features in the future.

1) Act as a chatbot for conversation

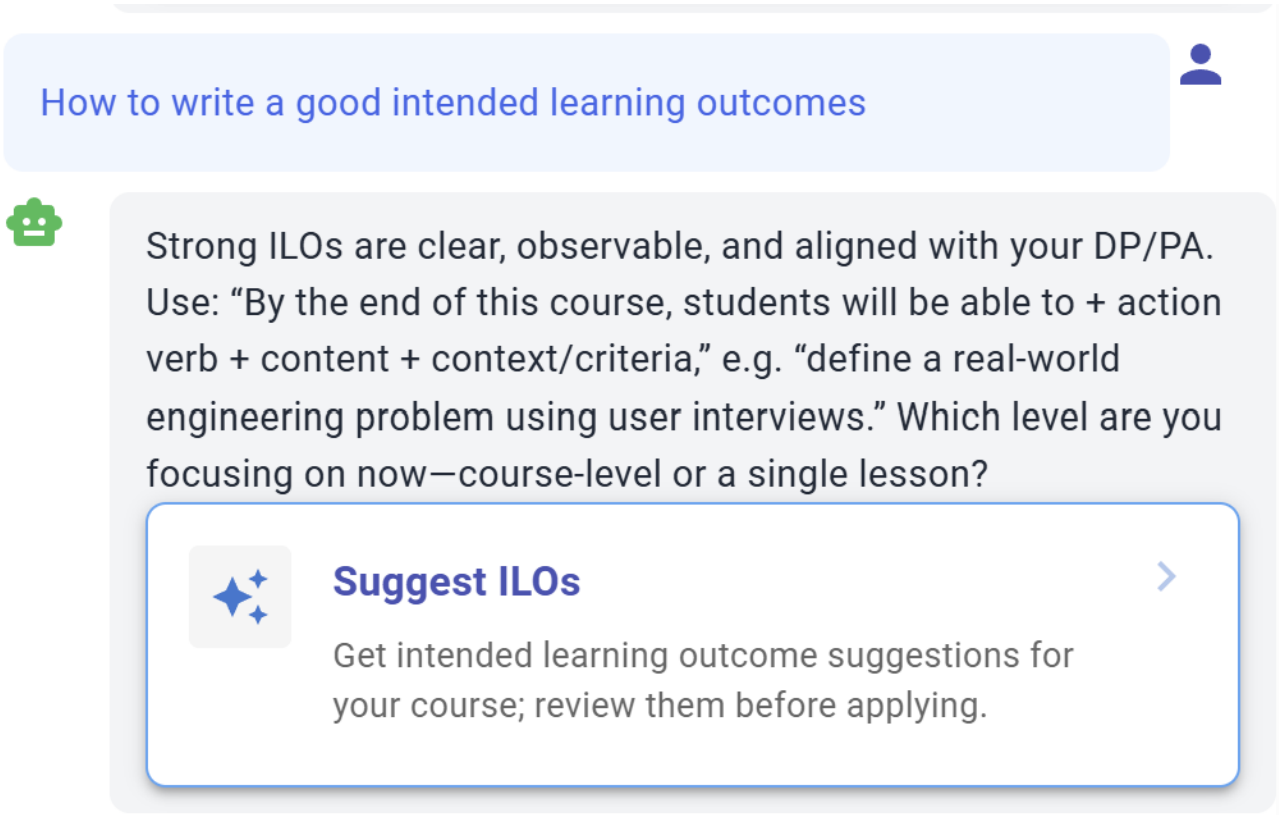


Figure 3.8: Communication with the LDF

When completing a full learning design, you will input various details, such as intended learning outcomes, disciplinary practices, pedagogical approaches, learning tasks, and assessments. You can communicate with the LDF to receive guidance or exchange ideas throughout this process.

2) Provide suggestions and make changes to your current design

The LDF can currently read your course information, including topic, description, and grade level, to provide suggestions on intended learning outcomes.

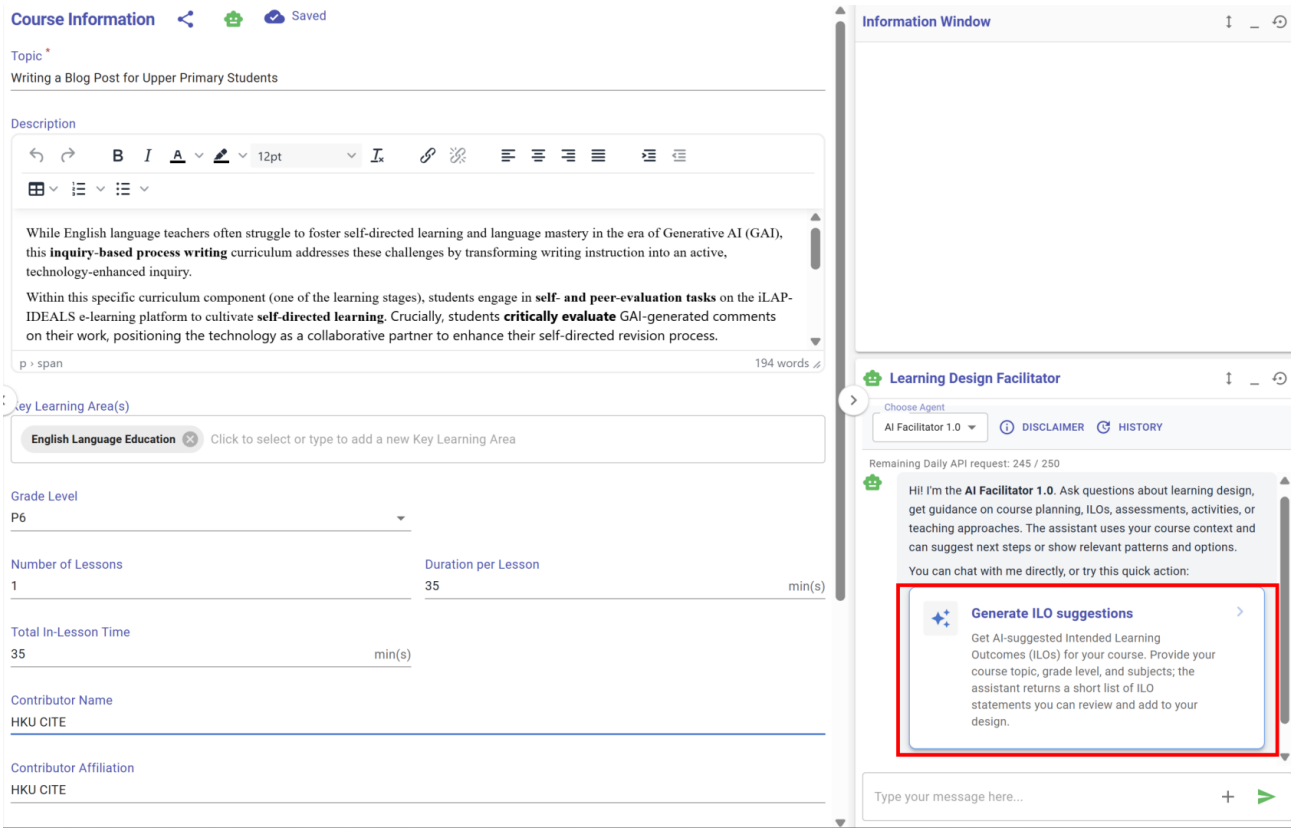


Figure 3.9: Receiving suggestions from the LDF (1)

By clicking 'Generate ILO suggestions', a panel will appear on the left side of the LDS, showing a few LDF-suggested ILO options across different Bloom's levels and ILO types for you to choose from.

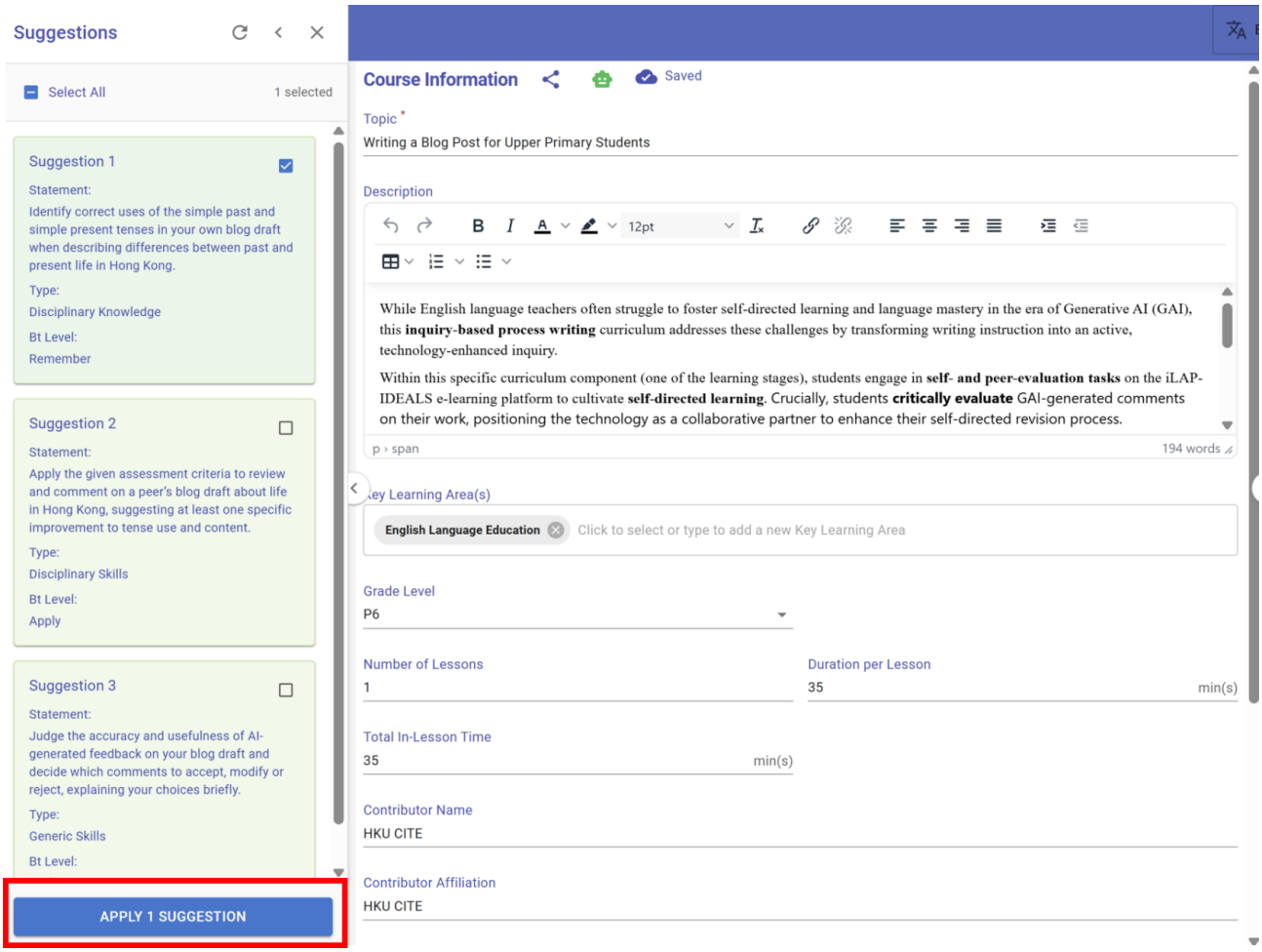


Figure 3.10: Receiving suggestions from the LDF (2)

By clicking the "Apply Suggestion" button, you can adjust the content if needed, and then click the "Save" button to add the ILO.

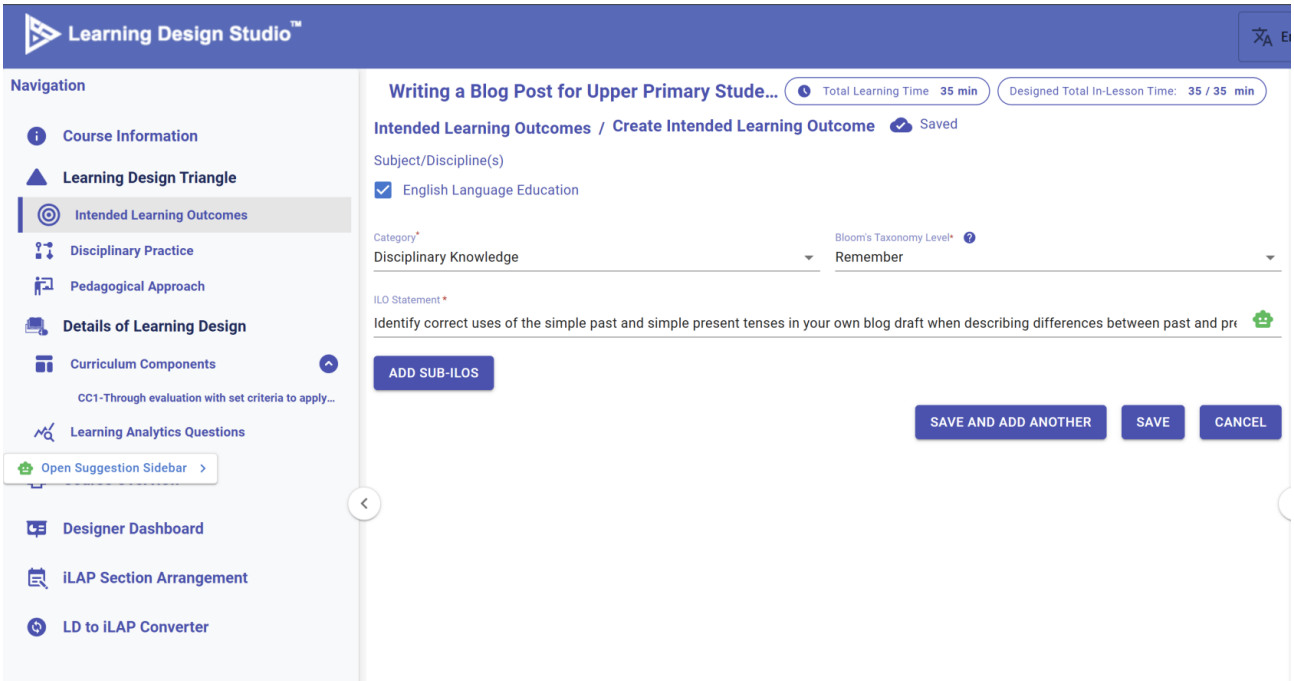


Figure 3.11: Receiving suggestions from the LDF (3)

The LDF-suggested ILO has now been added to the **"Intended Learning Outcomes"** section.

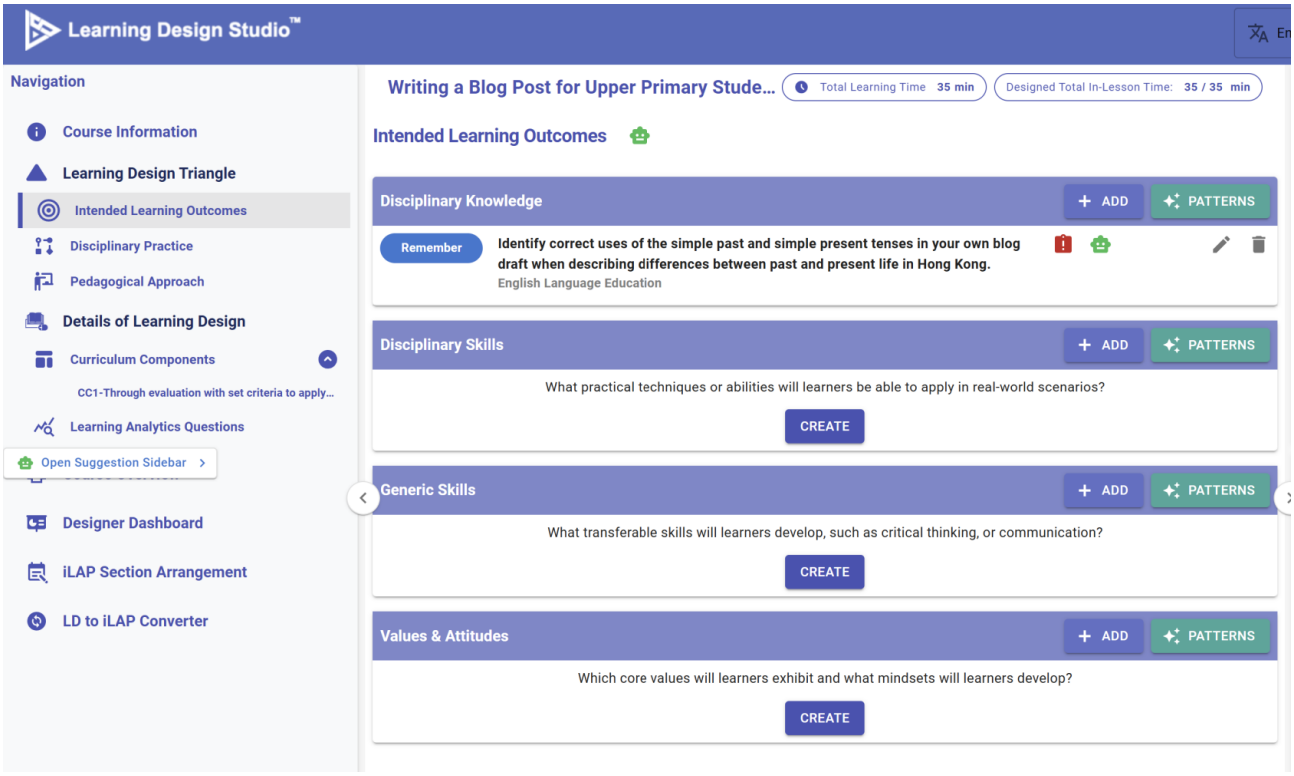


Figure 3.12: Receiving suggestions from the LDF (4)

Apart from suggesting completely new ideas, the LDF can also provide feedback on your current design.

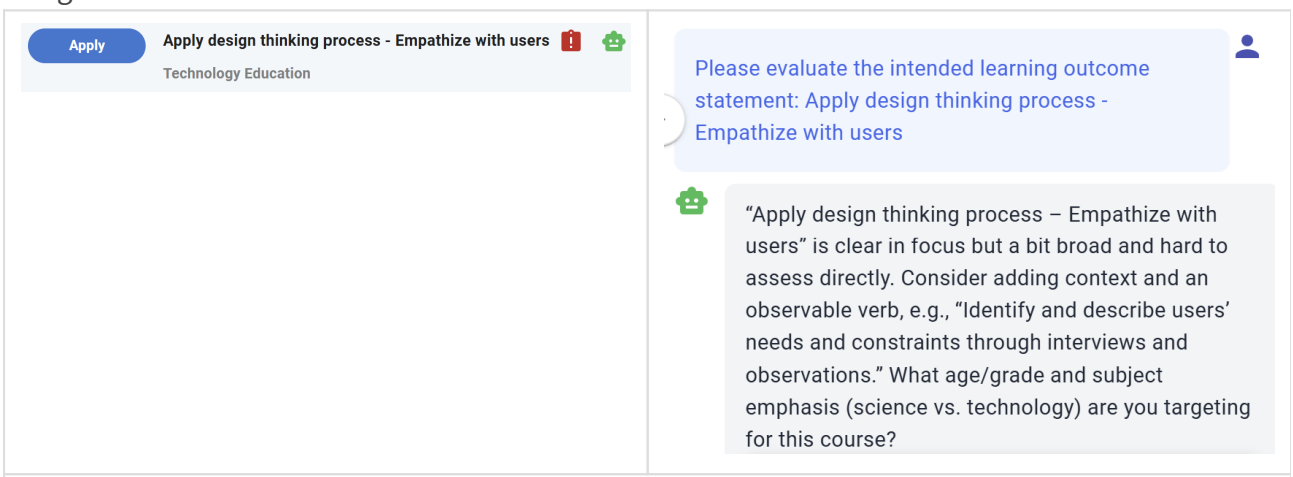


Figure 3.13: Access to Learning Design Facilitator

Sometimes, you may see the button in different locations, such as next to the Intended Learning Outcomes. Please feel free to click on it to request feedback .

LDS Assistant

When creating a learning design in the LDS, you will work through multiple phases: course level, curriculum component level, and task level. The IDEALS team has developed a set of reusable

templates for you to adopt in your own design. The LDS Assistant serves as the main interface for accessing these templates through the LDS Pattern Library.

* Further details about the LDS Pattern Library will be introduced in the next section.

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