

3.4 Pattern Library

For guidance on using the Pattern Library, refer to [Chapter 6 - Create a New Design from Patterns](#)

To better support creating a learning design, the IDEALS team developed the Pattern Library, which **provides pre-defined, hands-on resources** for IDEALS users.

Intended Learning Outcomes

Which intended learning outcome (ILO) category would you like to begin with?
Open our LDS assistant if you need guidance.

Disciplinary Knowledge	+ ADD	
What key concepts, theories, or information will learners acquire?		
CREATE		
Disciplinary Skills	+ ADD	
What practical techniques or abilities will learners be able to apply in real-world scenarios?		
CREATE		
Generic Skills	+ ADD	
What transferable skills will learners develop, such as critical thinking, or communication?		
CREATE		
Values & Attitudes	+ ADD	
Which core values will learners exhibit and what mindsets will learners develop?		
CREATE		

Figure 3.14: Patterns Button on the LDS Interface

Please be aware of this  button. When you see it, the Learning Design Facilitator (LDF) can offer patterns for you to use.

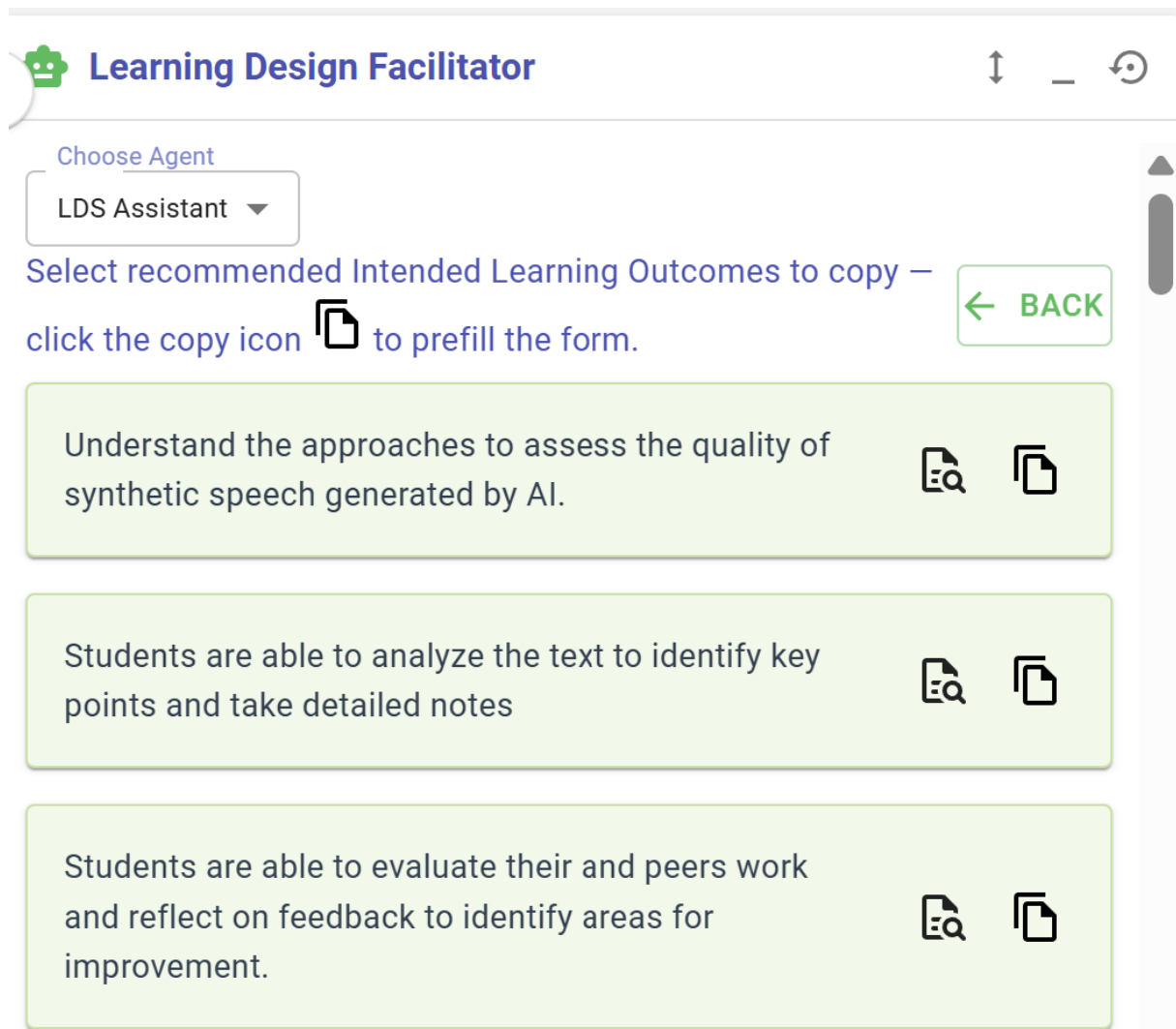


Figure 3.15: Pattern Library in the LDS Assistant

In addition to the  button, you can also access the Pattern Library actively by selecting the "LDS Assistant" agent in the Learning Design Facilitator.

1. Course-level Patterns

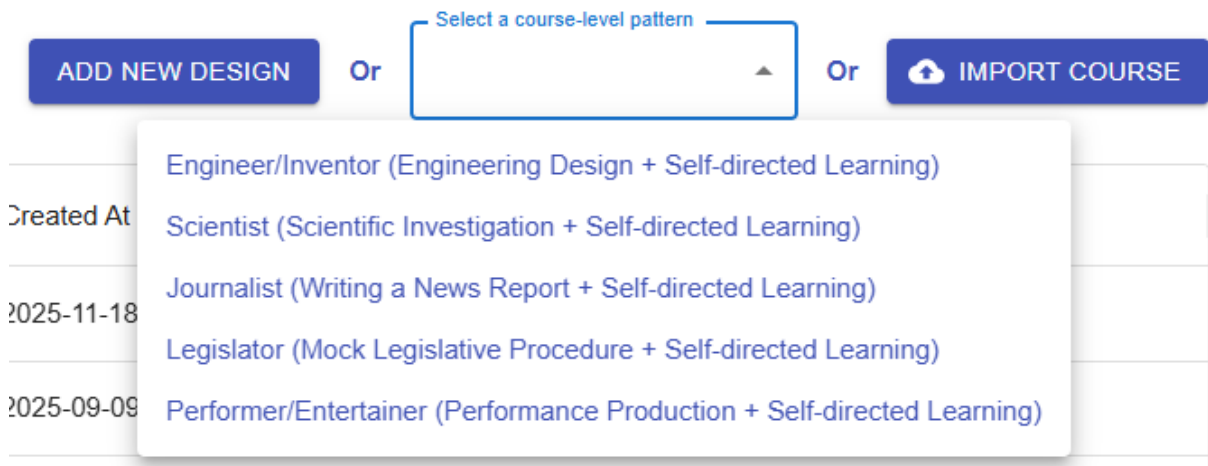


Figure 3.16: Course-level Patterns

The LDS provides course-level patterns that offer most of the information needed to complete the learning design for a specific topic, such as engineering design. Each course-level pattern includes intended learning outcomes, a disciplinary practice and a pedagogical approach, a curriculum component sequence, and learning tasks.

2. Curriculum Component Patterns

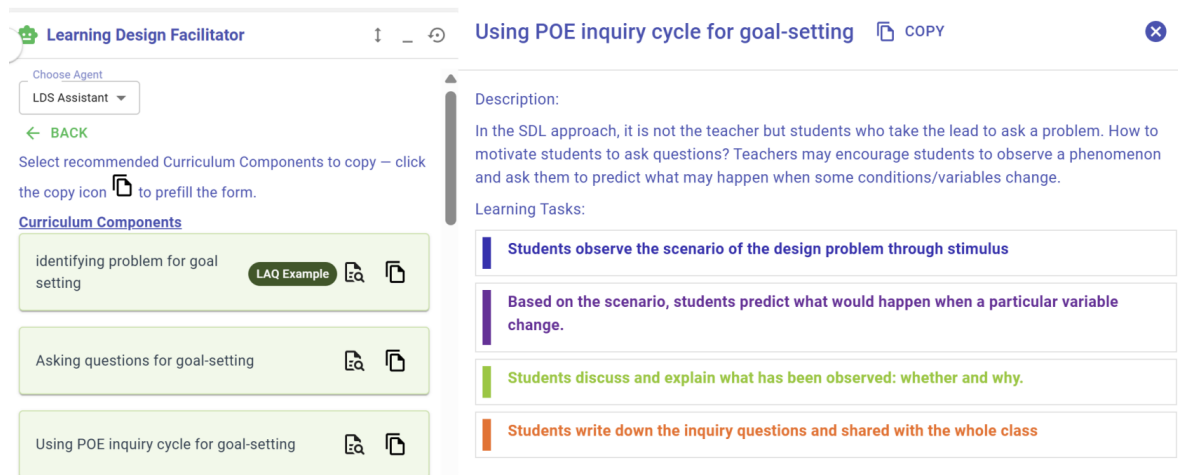


Figure 3.17: Curriculum Component Patterns

The LDS provides curriculum component patterns. Each pattern recommends a sequence of tasks for a specific phase of learning, designed to scaffold student learning.

3. Task Patterns

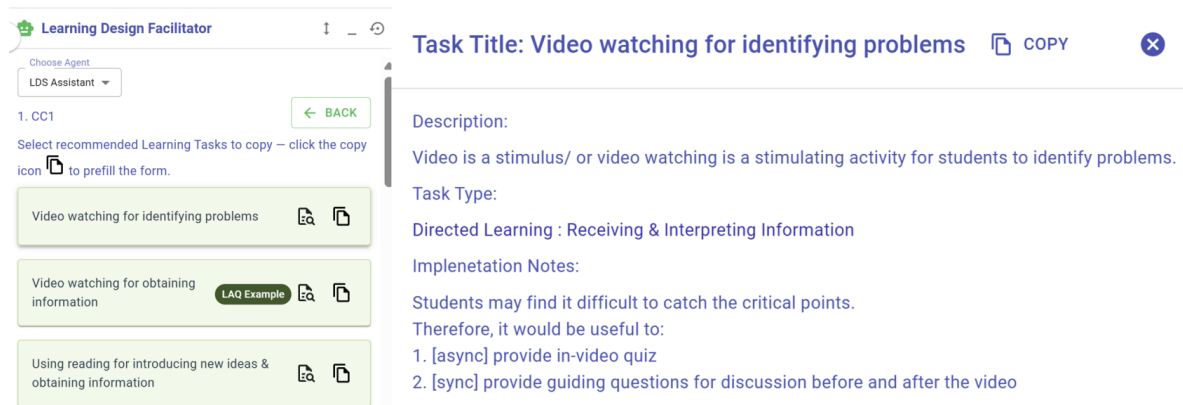


Figure 3.18: Task Patterns

The LDS provides task patterns. Each pattern specifies the details of each task—such as task type, delivery mode, e-learning tool, and learning resources.

4. Intended Learning Outcomes (ILOs) Patterns

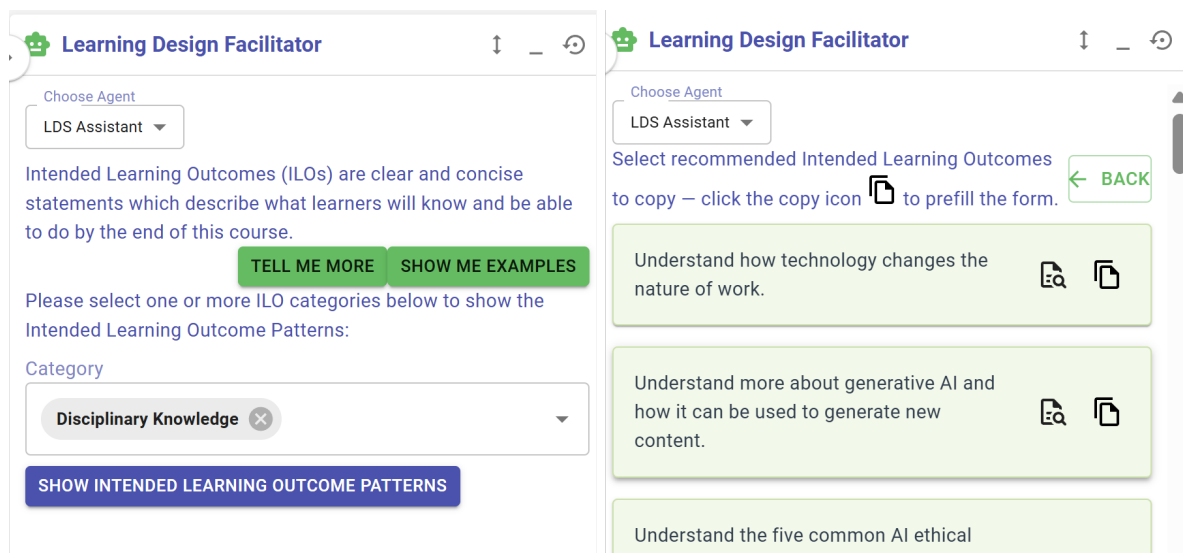


Figure 3.19: Intended Learning Outcomes Patterns

The LDS provides intended learning outcome patterns for all four categories of ILOs across different subjects.

5. Disciplinary Practice (DP) Patterns

 **Learning Design Facilitator**

Choose Agent

LDS Assistant ▼

Select recommended Disciplinary Practices to copy – click the copy icon  to prefill the form.

Engineering Design



Scientific Investigation



Mock Legislative Procedure



Figure 3.20: Disciplinary Practice Patterns

The LDS provides disciplinary practice patterns such as Engineering Design and Scientific Investigation.

6. Pedagogical Approach (PA) Patterns

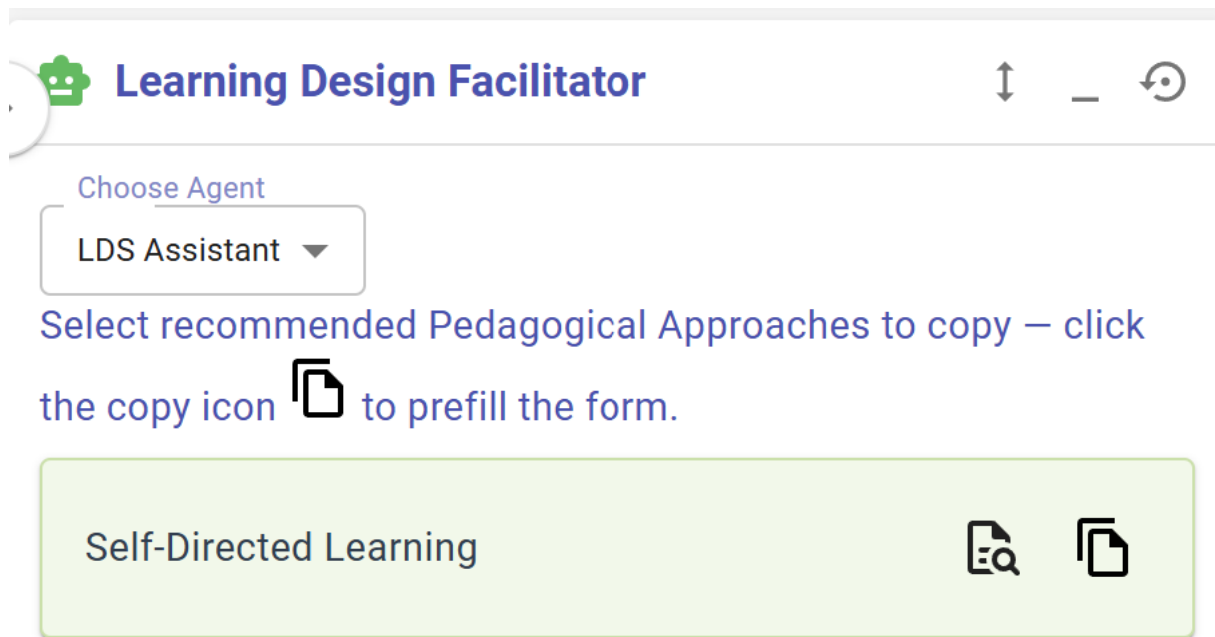


Figure 3.21: Pedagogical Approach Patterns

The LDS provides pedagogical approach patterns such as Self-directed Learning.

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