3.3 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.

Please be aware of this PATTERNS button. When you see it, the Learning Design Studio can offer patterns for you to use.

1. Course-level Patterns

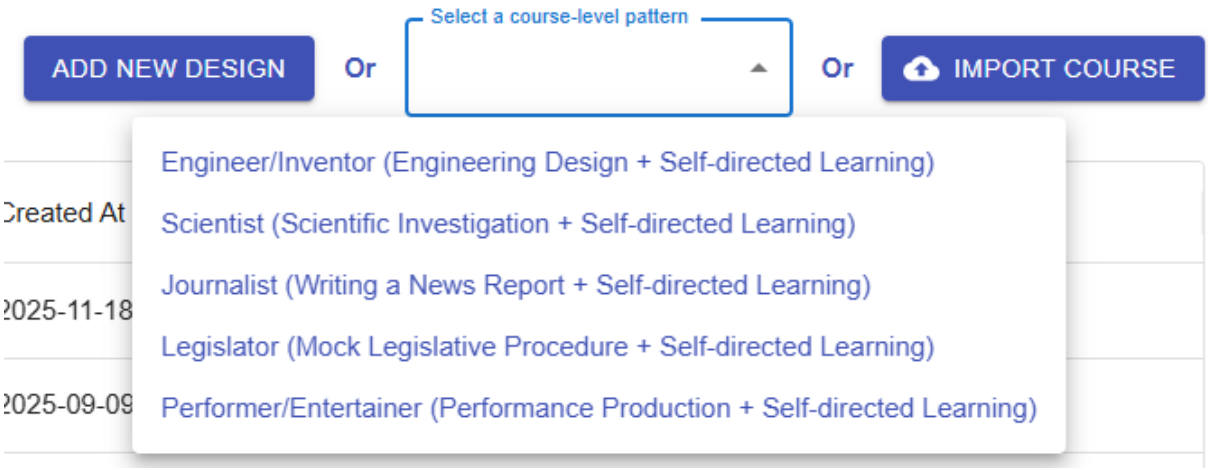

Figure 3.8: Course-level Patterns

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

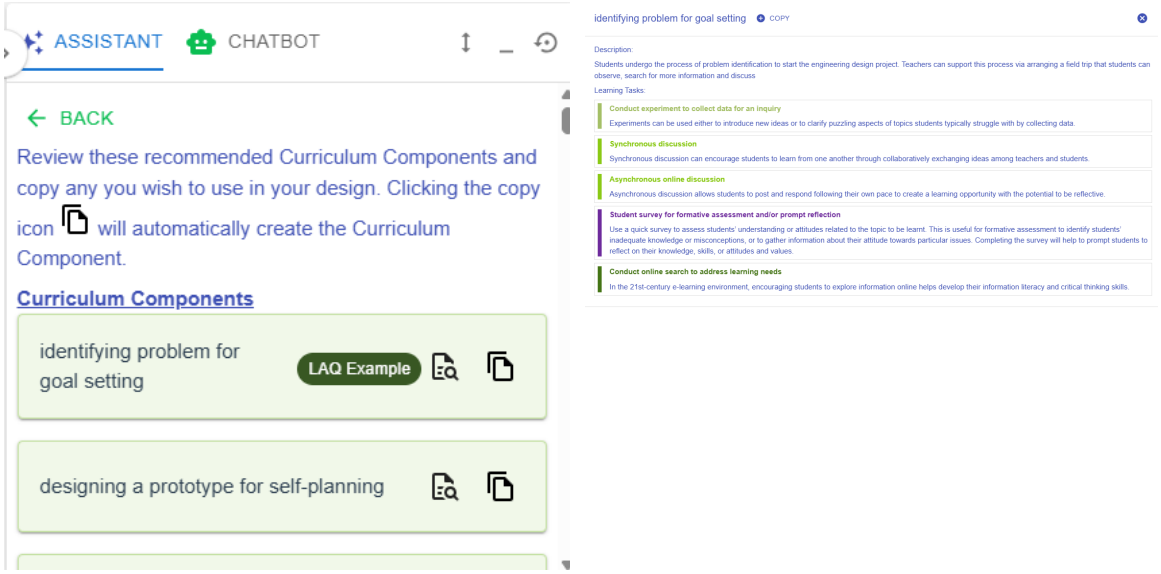

Figure 3.9: Curriculum Component Patterns

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

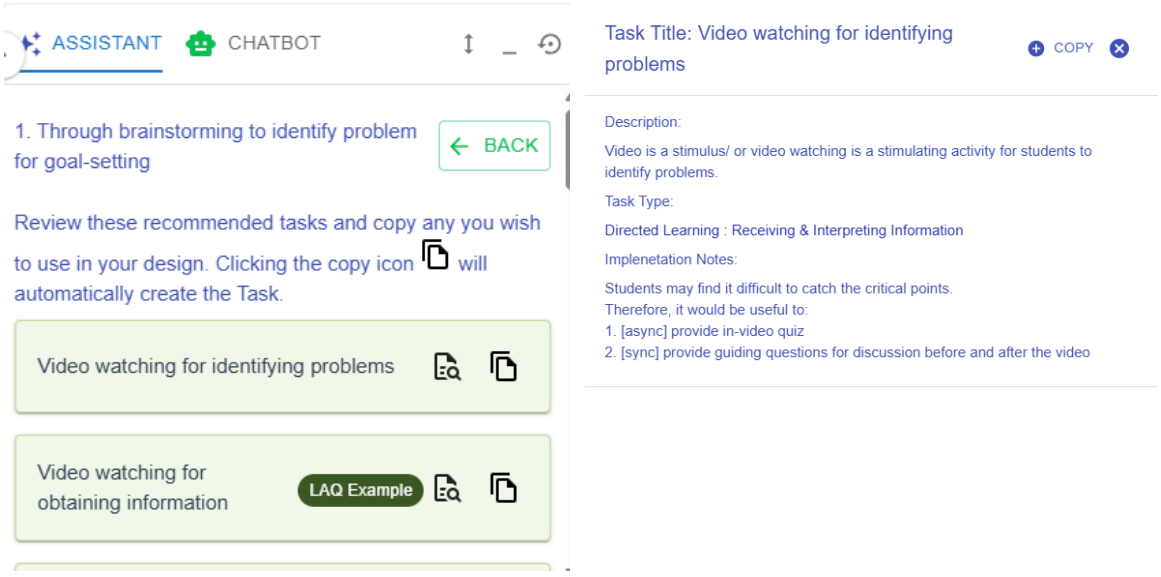

Figure 3.10: Task Patterns

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

4. Intended Learning Outcomes (ILOs) Patterns

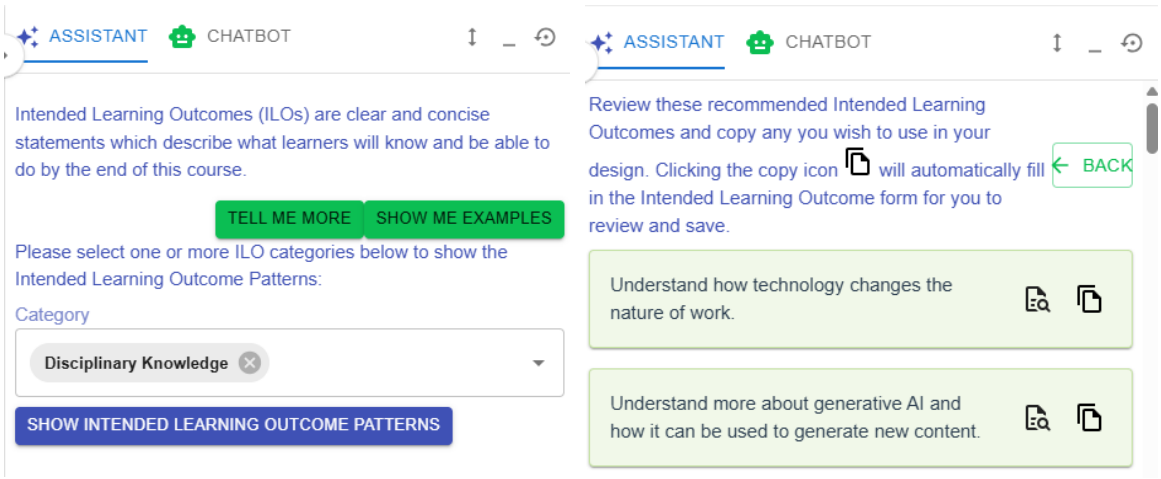

Figure 3.11: Intended Learning Outcomes Patterns

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

5. Disciplinary Practice (DP) Patterns

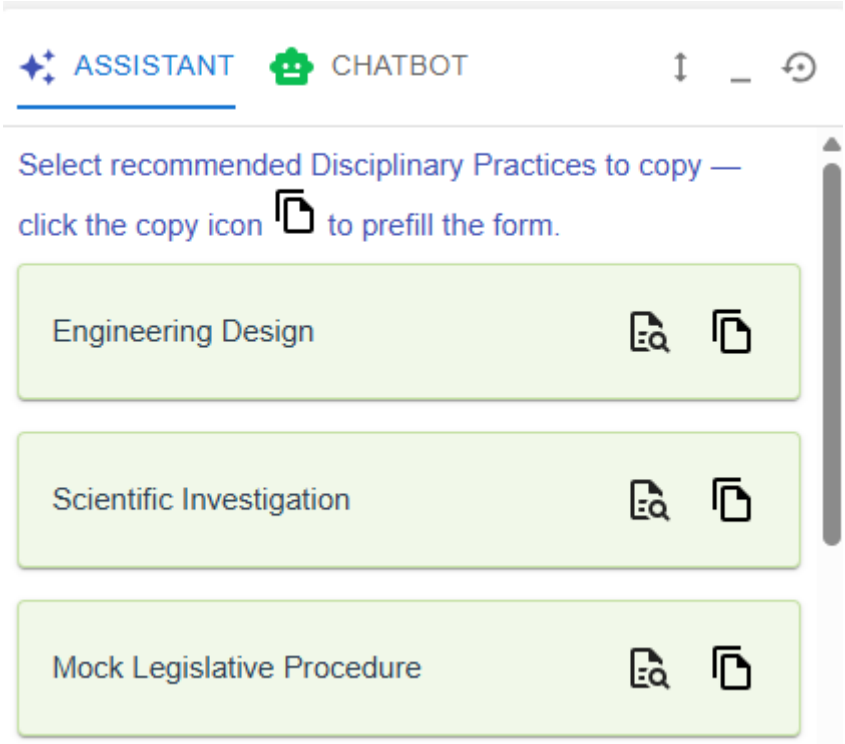

Figure 3.12: Disciplinary Practice Patterns

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

6. Pedagogical Approach (PA) Patterns

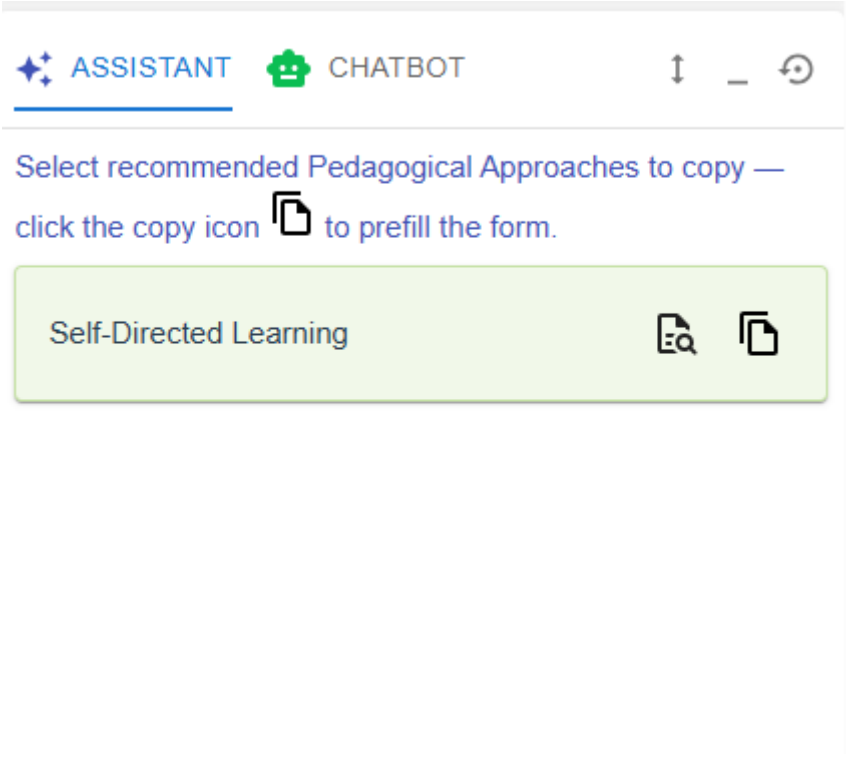

Figure 3.13: Pedagogical Approach Patterns

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

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