

Intelligent DDesign-Aware Learning analytics empowered 21C L&T System (IDEALS)



How to Use IDEALS? Plans for reference

#Teaching Innovation

Our school plans to use the IDEALS system to advance contextualized teaching innovation, supporting teachers in designing adaptive curricula and streamlining lesson preparation. The system enhances classroom interaction and data-driven assessment efficiency while facilitating cross-disciplinary collaboration. It also supports after-class tutoring and inter-school exchanges. Through dynamic adjustments to teaching strategies, it holistically elevates the quality of learning and teaching.

#Learning Management

Our school plans to establish a school-based learning management framework through the IDEALS system, empowering students to self-manage their learning. Teachers design phased tasks based on progress. The system automatically tracks learning data, helping teachers promptly adjust teaching strategies to ensure students steadily build knowledge and create personalized learning pathways, significantly improving academic outcomes.

#21st-Century Skills

Our school plans to cultivate students' 21st-century skills using the IDEALS system. Through STEM interdisciplinary projects (e.g., scientific inquiry, engineering design), students develop self-directed learning, critical thinking, and collaborative problem-solving abilities. Integrated AI tools deepen digital literacy in e-learning, equipping students to meet the challenges of the digital era.

#Technology-Enhanced Assessment

Our school plans to leverage IDEALS' deep learning analytics to generate visual reports based on data such as learning engagement and task performance. These reports enable teachers to precisely identify learning gaps, provide targeted feedback, and refine teaching strategies. A data feedback loop mechanism is established to continuously optimize instructional design and boost student learning efficacy.

User Testimonials



Mr. Leung Yip Kan
Hon Wah College

- Enhancing Curriculum Management & Optimization

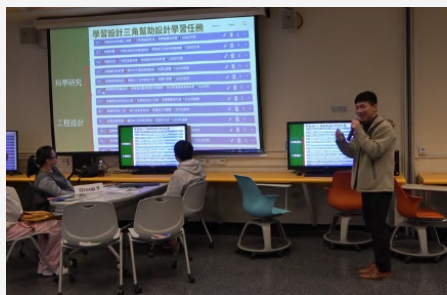
"It conveniently preserves learning designs long-term. Through reflective learning analysis, we continuously identify issues and optimize curricula."



Ms. Chun Lok Sze
Yan Tak Catholic Primary School

- Using Learning Analytics to Support Curriculum Design

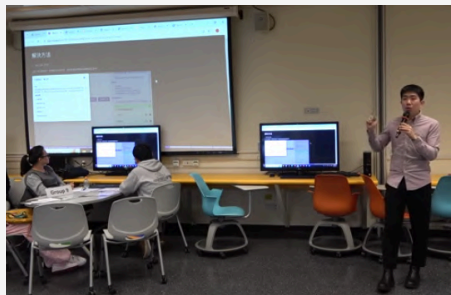
"Data analytics help teachers provide timely feedback and inform classroom design."



Mr. Choi Fu | Caritas Fanling Chan
Chun Ha Secondary School

- Leveraging Data to Analyze Learning Outcomes

"The keyword tracking feature is highly effective—teachers can monitor core discussion points during class."



Mr. Shi Ji Ze
Pui Kiu College

- System-Supported Learning Design Resources & Assistance

"The LDS Assistant within IDEALS guides teachers through essential steps, such as those needed for engineering design projects."

**A cutting-edge technology system for
advancing learning and teaching**