

# PROJECT INQUIRY



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## INTELLIGENT DESIGN-AWARE LEARNING ANALYTICS EMPOWERED 21C LEARNING & TEACHING SYSTEM (IDEALS)

Improving curriculum design with intelligent systems

Promoting the teaching and learning of students' 21st century skills



Centre for  
Information Technology in Education  
Faculty of Education, The University of Hong Kong



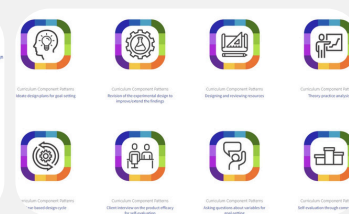
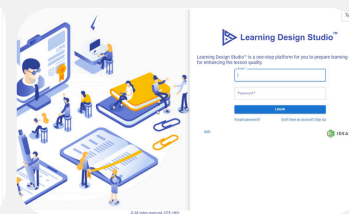
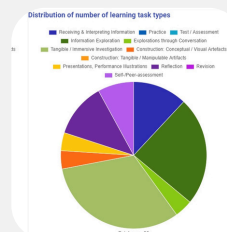
優質教育基金  
Quality Education Fund



# IDEALS™

## HIGHLIGHTS OF IDEALS

### LEARNING DESIGN STUDIO (LDS)



Provide learning design tools and a pattern library

## PROJECT OVERVIEW

This project is funded by Quality Education Fund, The e-Learning Ancillary Facilities Programme (Project No. 2021/0212)

This project aims to:

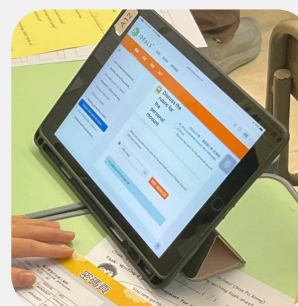
- \*provide primary and secondary schools with the complete set of tools they need for e-Learning design, implementation, assessment and learning-analytics-based feedback support

- \*promote student learning, teacher professional development and school education innovation, and improve learning and teaching effectiveness

For further information, please visit:  
<https://ideals.cite.hku.hk/>

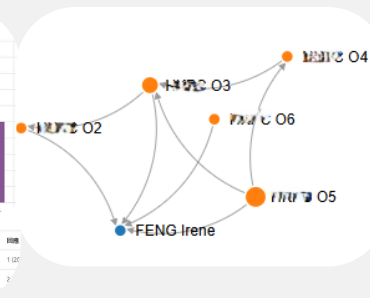


### INTERACTIVE LEARNING AND ASSESSMENT PLATFORM (ILAP)



Provide e-learning tools to facilitate learning and teaching, and collect data on student learning progress

### LEARNING ANALYTICS



Visualize students' learning process to improve learning and teaching effectiveness