

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

### Student Consent Form

20 Aug 2024

Dear Student,

We are a team of teacher educators and researchers from the Centre for Information Technology in Education (CITE) of the Faculty of Education, the University of Hong Kong to conduct the project “Intelligent DEsign-Aware Learning analytics empowered 21C L&T System”. The 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 to students, teachers, and school leaders.

Your school has accepted our invitation to participate in the project. We would like to invite you to participate in the study. If you agree to participate in the study, you will be invited to complete following activities:

1. A usability survey on the functionalities of IDEALS (~20 minutes). You may also be invited to participate further in a focus group or individual interview (~25 minutes, audio-recorded) as necessary to gather further feedback;
2. Participate in classes that use the IDEALS system and are selected by the teacher for classroom observations (video-recorded and photo-taking) and in focus group interviews if selected (~15 minutes, audio-recorded); allow the research team to collect samples of your assignments and related artifacts produced;
3. Allow the research team to access and analyze your learning data on IDEALS for evaluation of the usefulness of the system;
4. Pre and post-project online questionnaire surveys for students (~20 minutes each) to collect data on how they have made use of the IDEALS functionalities, challenges encountered and suggestions for improvement. Some students may also be invited to participate in follow-up individual or focus group interviews if necessary for clarification (~20 minutes each, audio-recorded).

The data collected through these activities will be used solely for the purposes of research and system development. To ensure confidentiality, all the data and consent forms will be stored electronically and password-protected. All the hard copies will be stored in locked cabinets. Only members of the research team will have access to the data and forms. All the data will be anonymized for research purposes. The data containing personal identifiers will be destroyed five years after publication of the first research paper based on the data. Anonymized data will be retained indefinitely. Participation in the above-mentioned activities is entirely voluntary and you can choose to terminate your participation anytime without any negative consequences. If you do not agree to being video-recorded or photo-taking, we will arrange for you to be outside the camera view or for your image to be blurred. You have rights to review and erase your photos and part of the entire recordings you are involved.

If you have any questions about this project, please feel free to contact Dr. Rachel KO of the Centre for Information Technology in Education (CITE), at 3917 5113. If you want to know more about your rights as a research participant, please contact the Human Research Ethics Committee of the University of Hong Kong at 2241-5267 (HREC Reference Number: EA230080).

Please return the reply slip to the class teacher by 13/9/2024. Thank you very much for your kind attention.

Yours faithfully,



Professor Nancy Law  
Principal Investigator  
Associate Dean (Research), Faculty of Education  
Deputy Director, Centre for Information Technology in Education  
The University of Hong Kong

## Reply Slip

Name of student: \_\_\_\_\_

Student's Class: \_\_\_\_\_

Name of school: \_\_\_\_\_

I understand the procedures of the study described above and agree to participate in the study.

Yes  No (Please put a tick as appropriate.)

Student's signature: \_\_\_\_\_

(Please return the reply slip to the class teacher by 13/9/2024. Thank you very much for your kind attention.)