Embedding Online Learning into Students' Learning Experience using LAMS

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Background

- Nanyang Technological University (NTU) to convert up to half of its courses to an interactive online format so as to let students learn more flexibly by leveraging on the many advantages of online learning

- NTU Libraries to take advantage of this approach by the university to embed online learning into students' learning experience
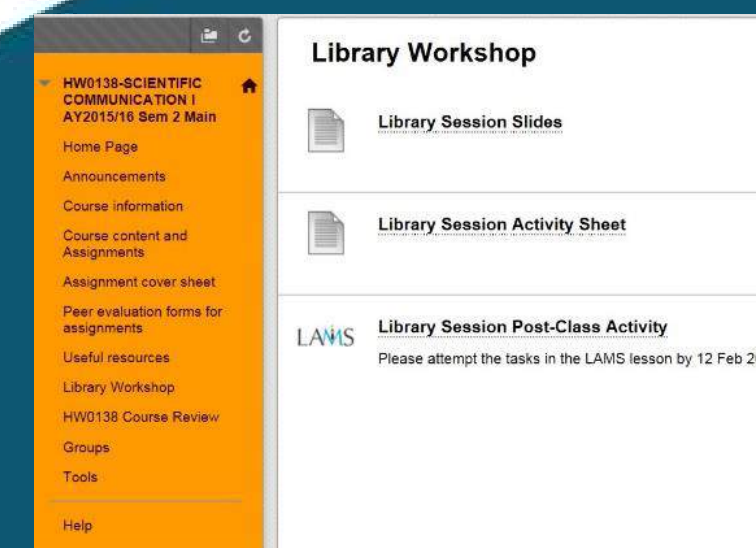
Objective

To engage students actively using a simple but well-constructed learning experience instead of just putting learning objects online for students to go through passively at their own pace and time

Actual LAMS sequence

This LAMS sequence on plagiarism was used as a post-class activity for Course HW0138 in the School of Physical & Mathematical Sciences
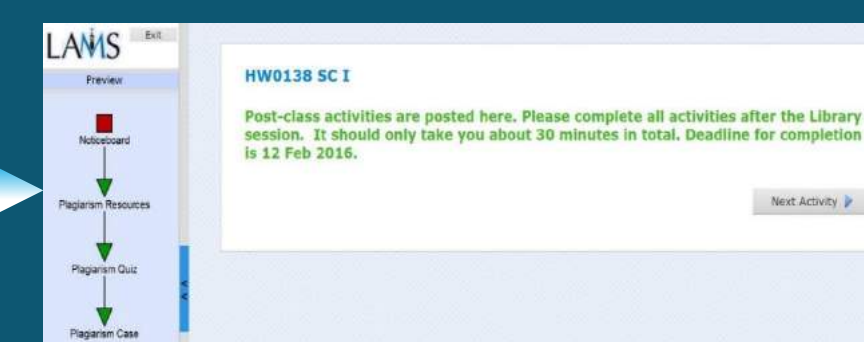
Start from NTULearn
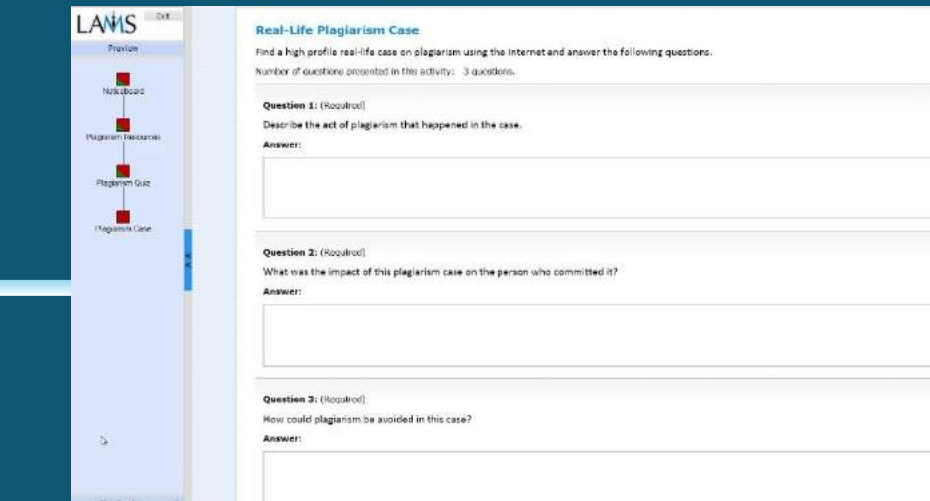
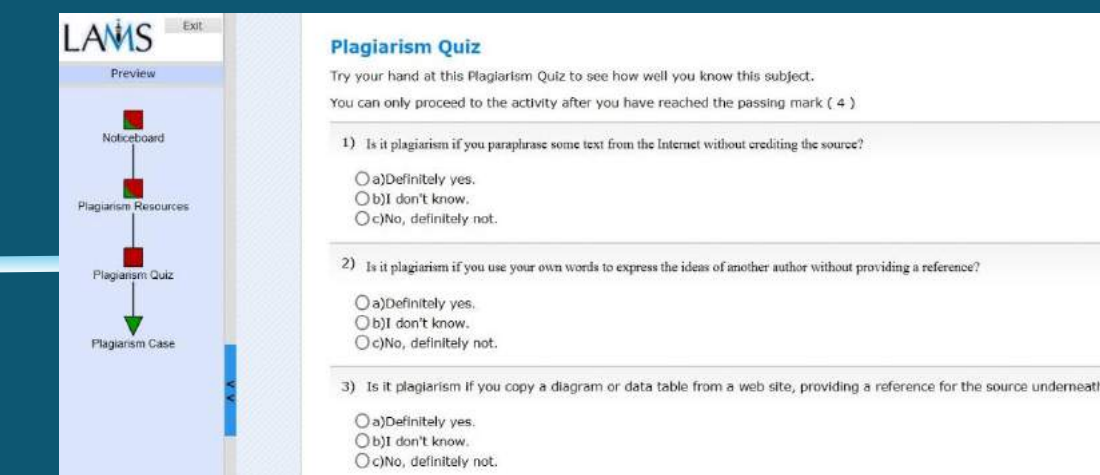Noticeboard: instructions about activity

Resources: short informative videos and related web contents

Q&A: open-ended questions
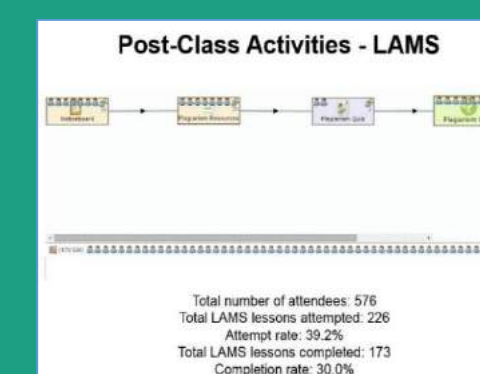
Self-assessment quiz

End

Approaches

- Used NTU's Learning Activity Management System (LAMS) platform to create a LAMS sequence

- LAMS sequence - a series of learning activities such as watching short informative videos, reading related web contents, doing self-assessment quizzes, or answering reflective questions

- Students attempt these activities in sequential order and in the process apply and demonstrate what they have learned

- Online learning is integrated into library workshops as LAMS sequences are usually used as pre or post class activities to support and enhance students' learning

Students' Learning Experience

- Access LAMS sequences deployed within the course site of the learning management system NTULearn

- Experience online learning via LAMS

➤ View related resources such as web content and videos provided by librarians according to learning outcomes

➤ Do a quiz or answer open-ended questions for self-assessment

➤ Prepare or submit materials for in-class discussion

Instructors' Involvement

- Determine which learning outcomes are suitable for embedding online learning using LAMS and then develop them accordingly

- Use LAMS Monitor function to track students' attempt rate and progress

- Organise in-class activities by using students' responses from the pre-class LAMS sequence

Future Plans

- Will explore collaborating with faculty to follow up on LAMS post-class activities attempted by students

- Will explore incorporating more complex functions available in the LAMS platform into future workshops

To create a more effective impact on student learning through a systematic approach in delivering library online learning