UBC Centre for Teaching, Learning and Technology

An Overview on LTRs and Learning Technology Tools

Presented by Learning Technology Rovers

What are Learning Technology Rovers (LTRs)?

Learning Technology Rovers are co-op students that focus on supporting instructors with learning technology.

Learning technologies are generally tools that support learning, teaching, and assessment. For instance UBC blogs, Wikis, iClicker, Webwork, and Learning Management systems (LMS) such as Canvas.

Although each faculty specific LTR work with different technologies, they share one common goal: to help make the delivery of teaching more efficient and the process of learning more effective.

How LTRs can support instructors:

- Support over email
- Roves (on-location support, provided that it is on the UBC campus)
- Making how to guides

Contact

For support and help, please contact LT.support@science.ubc.ca

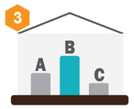
iClickers

What is it?

It is a type of Classroom Response System where the use of wireless handheld devices, called clickers, allow students to respond to multiple choice based polls. Individual student responses are recorded to the instructors computer and the anonymized class distribution of answers can be projected on-screen.

How it Works

Pose a multiple choice question.



See and record results instantly!

Students respond with a clicker remote or mobile device.

Display results to promote discussion and activity.

Tips for practice:

- Provide feedback and learning opportunities as opposed to just marking attendance
- Check the level of understanding at the start of class to focus on difficult subject areas
- Use before and after questions

How LTRs can support you with iClickers?

- Provide how-to-guide to facilitate iClicker setup/configurations
- Request a Rove for on-location support and troubleshooting efforts

iClicker REEF Polling

iClicker REEF Polling is available as a web application or as a mobile app on both Android and iOS devices. Students can purchase a subscription use their mobile device or laptop.

Canvas

What is Canvas?

Canvas is UBC's primary cloud-based learning platform for delivering online course content. If you are looking to create a Canvas course please contact us at LT.support@science.ubc.ca

In Canvas, instructors can share materials (text or multimedia), enable student collaboration and discussion, manage assignments and quizzes, and assign grades.

Canvas Features:

- Gradebook
- Creation of quizzes
- Online support community
- Chat feature on canvas
- Threaded replies in Discussion tab
- Canvas dedicated mobile app
- Custom notifications

Canvas Workshops

- Skylight's LT team and CTLT are partnering to offer hands-on workshops that are specifically tailored to the needs of the Science Faculty.

Upcoming Workshops Dates:

April 12th, 12:00pm - 1:30pm, ESB4009
April 19th, 12:00pm - 1:30pm, ESB4009
April 26th, 12:00pm - 1:30pm, ESB4009
May 3rd, 12:00pm - 1:30pm, ESB4009

- Registration for workshops in 2018 is now open. If you would like to attend any of the workshops, register online at https://skylight.science.ubc.ca/projects/canvas

Roves presented by your LTRs

What is a Rove?

A Rove is when LTRs offer in-person support regarding any Learning Technology issues Faculty or staff may inquire about.

How to schedule a Rove:

- Email us at LT.support@science.ubc.ca requesting a Rove
- Schedule a time and place to meet
- Provide the question(s) for the LTRs to answer
- Provide course number and a detailed explanation of the issue

Why schedule a Rove?

•Allows clear communication between Faculty and LTRs by working on the problem together
•In-person demonstration to teach Faculty how to use certain Learning Technologies
•Work through issues that are difficult to explain over email
•Provide student perspective on course design

"The Skylight's LTRs have been extremely helpful with the First Year Chemistry labs' transition from Connect. Ours are multiple mixed-mode courses heavily relying on the on-line components to prepare students for the lab. Many thanks to the LTRs for their continuous support and many ideas to help make the courses better."

Dr. Sophia Nussbaum
Laboratory Director
Department of Chemistry