



2 Course Design

- Learning activities
- Facilitation of learning activities

Learning Activities

Lectures

Live with whiteboard
Recorded videos



zoomwhiteboard

Active learning activities

Polling
Think-pair-share
Group discussions
Interactive presentations



 **Mentimeter**

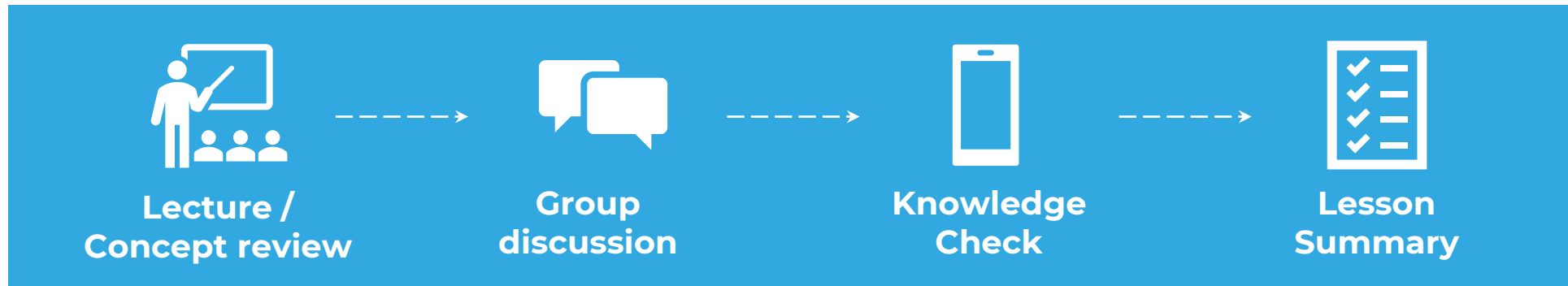
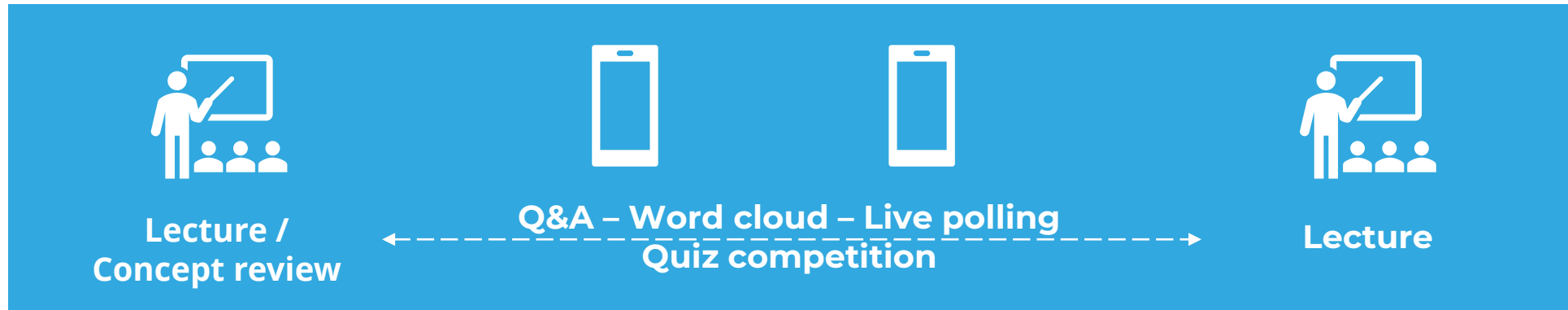
Assessments

Knowledge checks
Entrance/exit ticket
Student presentations



 **Mentimeter**

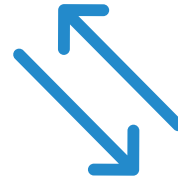
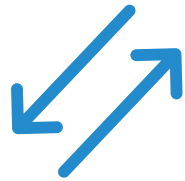
Learning Sequence



Constructive Alignment

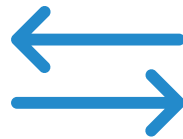
What will students be able to do at the end of the course?

Learning Outcomes



What are needed to support students achieving the learning outcomes?

Learning Activities



Assessments

How do you measure students' achievement of learning outcomes?



Facilitation of Learning Activities

Watch and answer the following:

1. Is it MMT or MM Lite?
2. What did you observe about the class size?
3. What is the % of students online and in class?
4. What technology did the instructor use to run the session?
5. What are the good/bad practices you noticed?



Mixed Mode Teaching Demo 1



Preparation Tips



1. Set fair expectations
2. Provide clear instructions
3. Prepare your instructional materials
4. Test your technology and set it up accordingly
5. Make sure you and students know how to use the technology
6. Ask TA/student volunteer to check Zoom chat for enquiries

Facilitation Tips



1. Communicate instructions and expectations
2. Promote active interaction and participation
3. Provide sufficient feedback and support
4. Separate online from in-class students for group activities

TA Support

Traditional F2F

Assists in preparing materials

Assists in providing lab instructions

Assists in grading of students

Assists in academic counselling

Assists in teaching & tutorials

Mixed Mode

Assists in preparing materials in Canvas

Assists in creating online learning activities

Assists in grading in Canvas

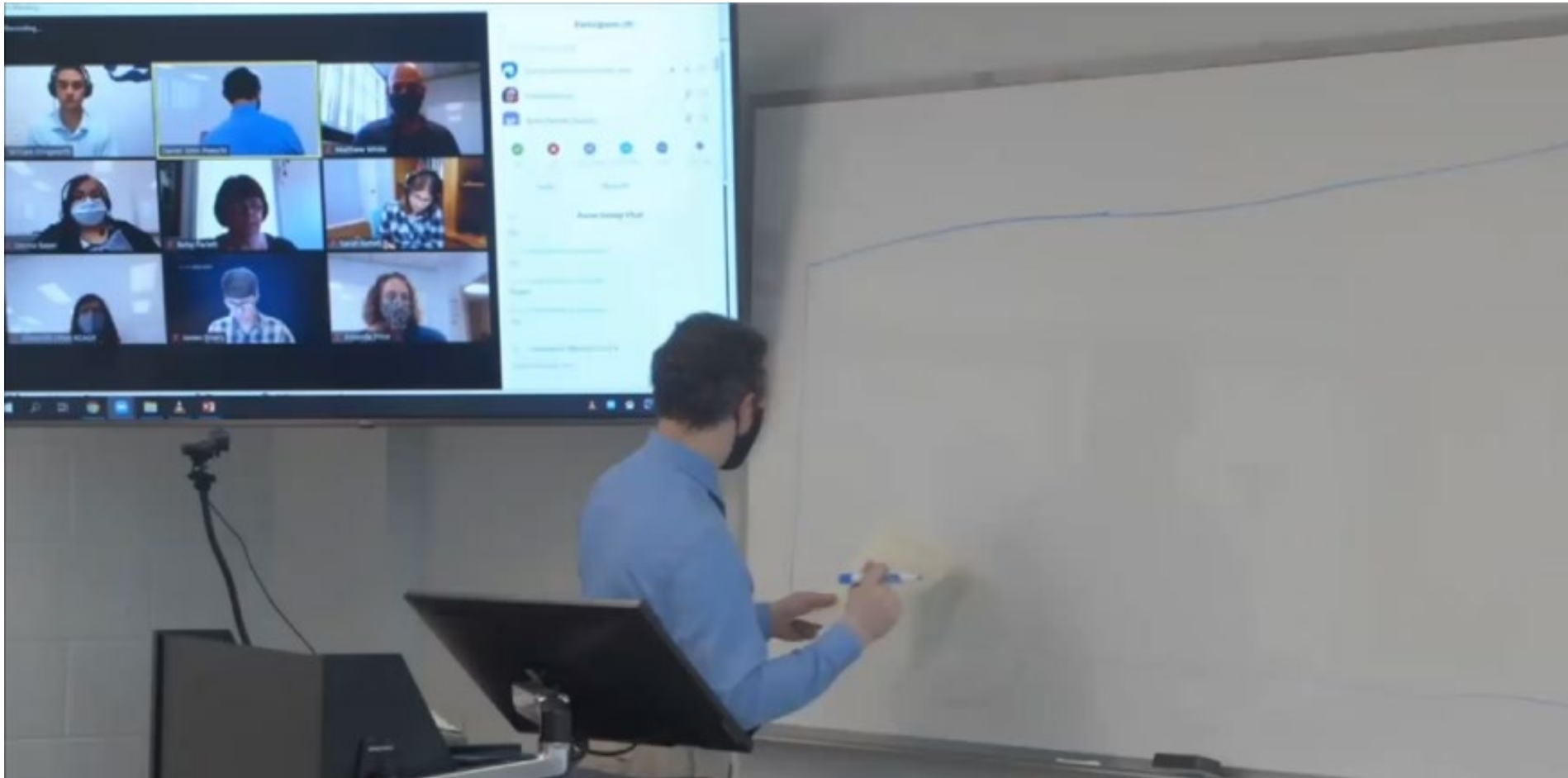
Assists in providing learner support

Assists in online interaction & participation

Assists in setting up online learning environment

Mixed Mode Teaching Demo 2

Using Physical Whiteboard



Mixed Mode Teaching Demo 3

Using Digital Whiteboard

The screenshot displays a Zoom meeting interface. The central focus is a digital whiteboard from Microsoft OneNote, showing a handwritten equation: $t_{ind} = 7 \text{ s or}$ and $\Delta K_t + \Delta K_r + \Delta U_s + \cancel{\Delta U_e} + \cancel{\Delta E_{th}} = W + \cancel{\Delta E_{th}}$. The whiteboard also features a toolbar with drawing tools like pens and highlighters. To the right, a Zoom Group Chat window is open, displaying a conversation where participants are responding to a question. The chat messages include: "The lower portion I have a question!", "From William Illingworth to Everyone: No", "From James Emery to Everyone: no", "From Sarah Kettell to Everyone: Nope", and "From Betsy Parlett to Everyone: no". Below the chat, a grid of video thumbnails shows participants: Betsy Parlett, Sarah Kettell, JENNIFER LYNN_, James Emery, and Amanda Price. The Zoom meeting controls are visible at the bottom of the screen.

Whiteboard Tips



1. Use a whiteboard that fits your requirements
2. Consider using the Visualizer in the classroom
3. Test and practice using a whiteboard with the camera
4. Set the video frame by marking the whiteboard
5. Wear your Mic4me (wireless mic) during the session

Whiteboard Facilitation Tips



1. Slow down and write legibly
2. Use icons or acronyms
3. Verbally explain what you are writing
4. Move away from the whiteboard when not writing
5. Constantly check on students