Land Acknowledgement

McGill

Promoting student interaction and engagement in-person and online

January 2022

This session is being recorded ▶

McGill | Teaching and Learning Services

Session outcomes

Define engagement and interaction for a blended, in-person and online teaching and learning environment

Identify different technologies and strategies to facilitate interactive activities in-person

Identify different technologies and strategies to facilitate interactive activities online

Why is student engagement important for learning?
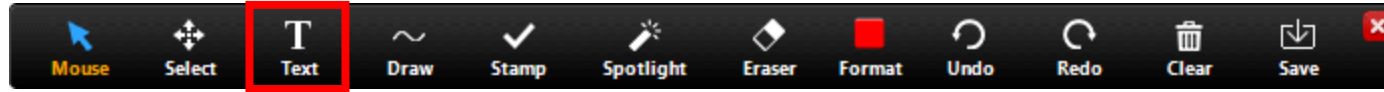
Defining modes of engagement and interaction

1 2 3 4

Modes of engagement and interaction

(Anderson, 2003; Riggs, 2020)

Student to student interaction

Student to content interaction

Student to instructor interaction

In-person and online strategies

In-person   **Online synchronous**   **Online asynchronous**

In-person Strategies

1   2   3   4

In-person strategies: A sample interactive lecture

Minutes	Strategy	How
5	Welcome and check-in	Polling@McGill –questions on previous lecture or check pre-existing knowledge of new topic
12	Situating and lecture	
1	Think break	Ask a question. Allow 20 seconds for students to think about it before you go on to address it.
10	Lecture	
5	Think-pair-share	Pose a question. Students think about it. Pair up with neighbour & discuss thoughts. Share with class.
12	Lecture and wrap up	Summarize the session and prepare for next class meeting.
5	Exit cards	Post to a myCourses discussion forum or write on piece of paper (e.g. key take-away or questions) and then exit class.

Adapted from: https://www.mcgill.ca/tls/instructors/strategies

In-person strategies: Three types

Interaction	Strategy	How
Student-instructor	Ten-two	Share 10 mins. Stop 2 mins. Students pair up & discuss.
Student-student	Small group work	Whiteboards or screen sharing
Student-content	Polling	Polling@ McGill

Teaching Strategies

- Interactive Lectures
- Group Work
- Discussion Generation
- Synthesis and Reflection
- Problem-Solving
- Knowledge Application
- Class Preparedness
- Misconceptions

Chat Question

Please answer in the chat.

What teaching strategies have you used in your class to promote engagement?

What features are available in my classroom?

Classroom Audiovisual Instructions

- Overview
- Details
- Equipment Available

Online Synchronous Strategies

 3

Online synchronous strategies:
A sample interactive lecture

Minutes	Strategy	How
5	Welcome and check-in	Zoom poll. Zoom whiteboard (annotate feature). Type in chat or raise hand to speak.
12	Situating and lecture	
1	Think break	Ask a question. Allow 20 seconds for students to think about it before you go on to address it.
10	Lecture	
5	Picture prompt	Give students a few minutes to think and then have them type in chat or raise hand to speak. Alternative: Randomly assign students to breakout rooms.
12	Lecture and wrap up	Summarize the session and prepare for next class meeting.
5	Exit cards	Post to a myCourses discussion forum and then exit class.

Adapted from: https://www.mcgill.ca/tls/instructors/strategies

Online synchronous strategies: Three types

Interaction	Strategy	How
Student-instructor	Online class lecture	Zoom – use chat, annotation, whiteboard
Student-student	Small group work	Zoom (break-out rooms) Mural (collaborative whiteboard)
Student-content	Polling	Zoom Polling Polling @McGill

Online synchronous strategy: Student-instructor interaction
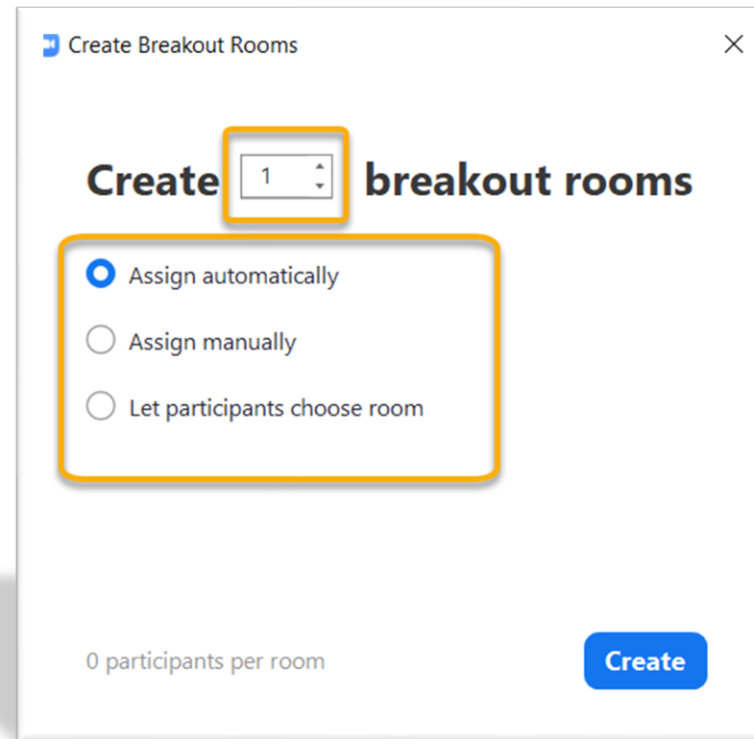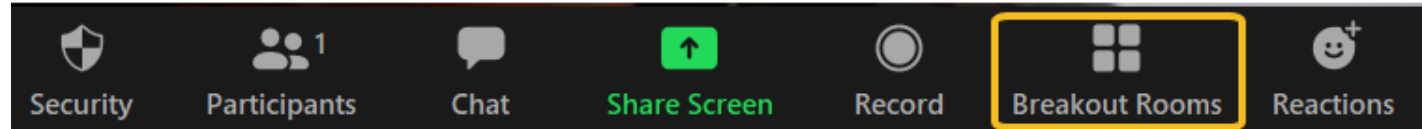
Online synchronous strategy: Student-student interaction

Webinar recording and slides will be available at https://deptkb.mcgill.ca/display/TLK/Webinars

Online synchronous strategy: Student-student interaction

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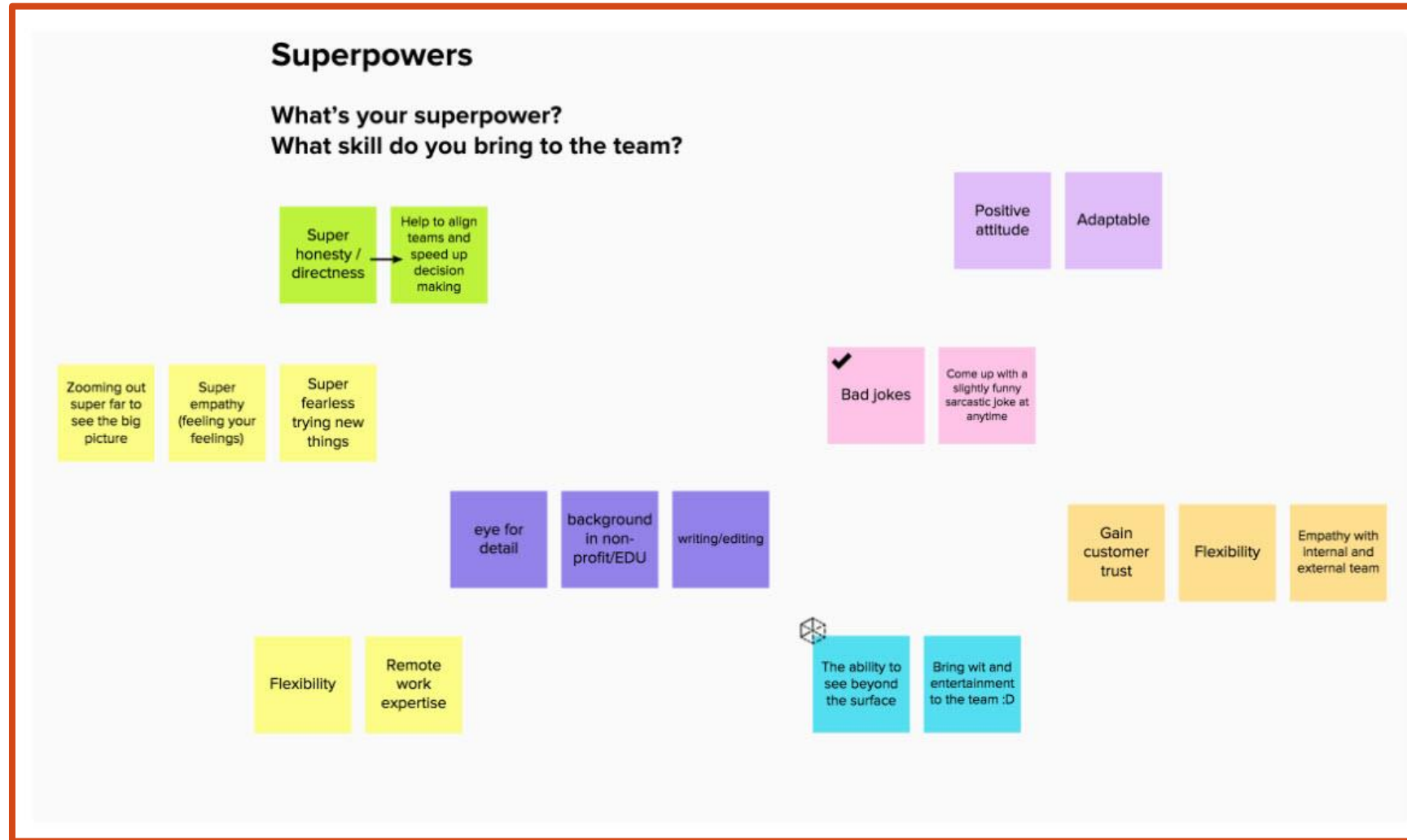
Online synchronous strategy: Student-content interaction
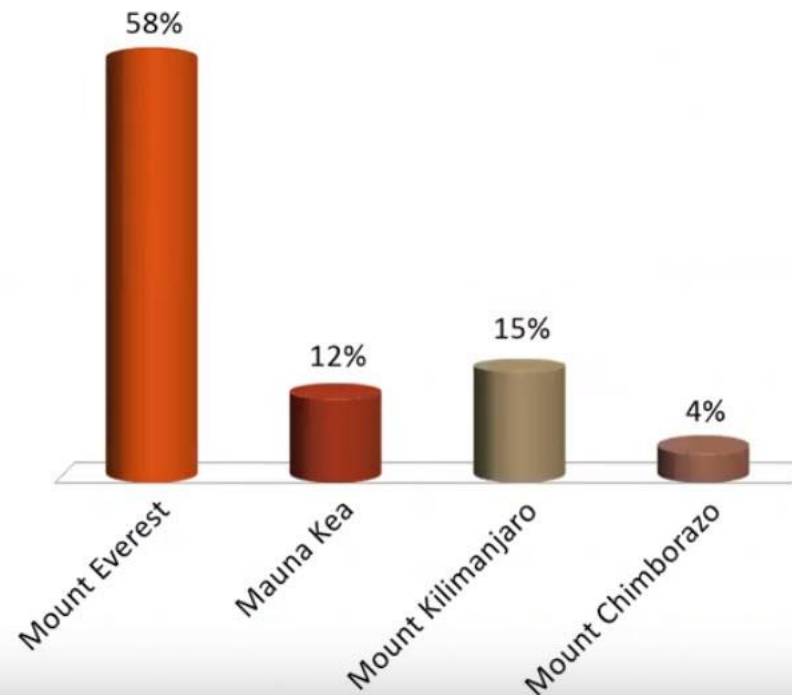
Online Asynchronous Strategies

| 1 | 2 | 3 | 4 |

Webinar recording and slides will be available at https://deptkb.mcgill.ca/display/TLK/Webinars

Online asynchronous strategy: Discussion boards

Course Forum and Topics (Informational) ⌄

These are examples of general discussion topics you can provide to students to address different aspects of the course.

Topic	Threads	Posts	Last Post
Ask the tutor or lecturer ⌄			
Post any questions for myself or one you would like me to pass along to one of the guest lecturers, regarding course material.	0	0	

Introduce yourself ⌄

Another small activity that can be used to develop a sense of community within your course. In General, the Instructor should post first to give an example and then respond to the first few and then to others as they post. Here are some guidelines for the activity:

1. Contextualize the introduction to the course subject matter and activities

2. Incorporate both professional and personal information and components.

| | 0 | 0 |

Student-instructor

FAQ's/Q&A

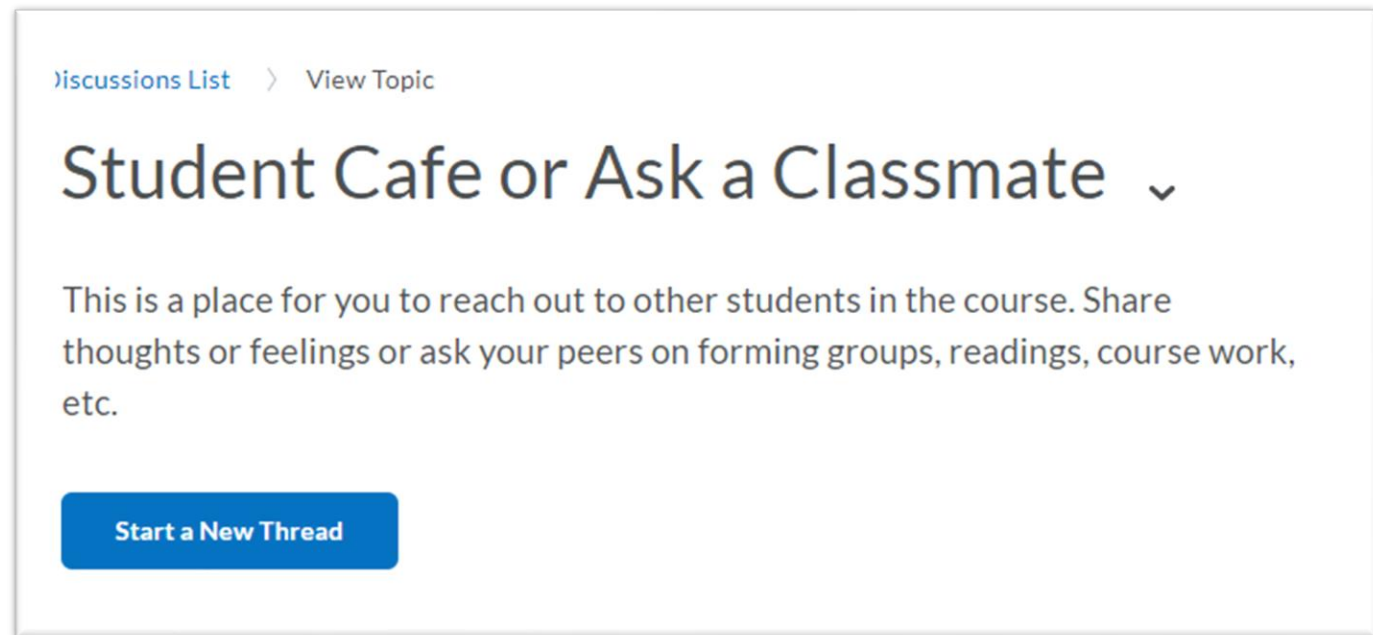### Icebreakers

Reflective journals

Online asynchronous strategy: **Discussion boards**

Student-student

Student Café (community)

Space to share content

Private group discussions

:iscussions List > View Topic

Student Cafe or Ask a Classmate ⌄

This is a place for you to reach out to other students in the course. Share thoughts or feelings or ask your peers on forming groups, readings, course work, etc.

Start a New Thread

Webinar recording and slides will be available at https://deptkb.mcgill.ca/display/TLK/Webinars

Online asynchronous strategy: **Discussion boards**

Student-content

Reflection

Self assessment

Reading-based discussions

Topic	Threads	Posts
Unit 2: Food Production - Techniques, Issues & Health Impacts	0	0
⚷ Includes assessment.		
Topic 05 Lesson 01 Activity 04: Organic Foods	0	0
Topic 05 Lesson 02 Activity 02: GMO Crops - A Global View	0	0
Topic 06 Lesson 02 Activity 02: Colourful Foods	0	0
Topic 06 Lesson 03 Activity 06: High Intensity Sweeteners	0	0
Topic 07 Lesson 02 Activity 04: Risk of Adverse Food Reactions	0	0

Webinar recording and slides will be available at https://deptkb.mcgill.ca/display/TLK/Webinars

Online asynchronous strategy: Discussion boards

- Basic
  - Ratings
  - Up-vote
- Sophisticated
  - Rubrics
  - Assessment

Feedback

Criteria	Excellent	Good	Average	Poor
Timely discussion contributions				
Responsiveness to discussion and demonstration of knowledge and understanding gained from assigned reading				
Adherence to on-line protocols				

Webinar recording and slides will be available at https://deptkb.mcgill.ca/display/TLK/Webinars

Online asynchronous strategy: **Discussion boards**

Chapter Review

Unlocked: Monday, August 13, 2018 3:20 PM EDT - Friday, September 28, 2018 3:20 PM EDT.

Topic	Threads
Groupt topics - Group 1	
Group/section restrictions. Must post first.	0
Discuss Subject A	
Groupt topics - Group 2	
Group/section restrictions.	0
Discuss Subject B	
Groupt topics - Group 3	
Group/section restrictions.	0
Discuss Subject C	

- Groups
- 1 post, 1 reply
- Post first
- Question type

Strategies

Chat Question

What strategies have you used to increase engagement on discussion boards?

Please answer in the chat.

Online asynchronous strategy: **Discussion boards**

- Setting expectations
- Netiquette
- Moderating

Communications

Discussion & Collaboration Guidelines

Overview
Below are guidelines and best practices for productive collaboration and discussion in CHEM181 World of Chemistry: Food.

1. **Participate!** It will enhance your learning experience and some discussions may be subject to examination.
2. **Be polite!** Opinions are good, but please respect others' opinions as well.
3. **Do not cheat!** See collaboration guidelines below to see what's acceptable.
4. **Help each other!** We encourage you to reply to your peers' questions and comments.

Online asynchronous strategy: Social Annotation Tools

Discussion is student led

Students learn collectively

Engages them with pre-lecture readings

Makes social connections

Generates a confusion report
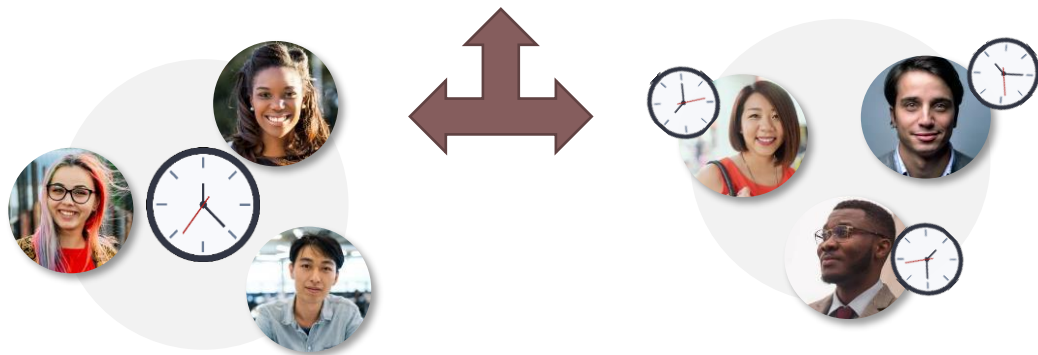
Perusall

Example of Perusall

Conclusion

Student to content interaction

Student to student interaction

Student to instructor interaction

Next Steps

Register for upcoming sessions
www.mcgill.ca/tls/events

Access resources
www.mcgill.ca/teachingkb **NEW**
www.mcgill.ca/tls
teachingblog.mcgill.ca

Connect with a colleague

Book a consultation
www.mcgill.ca/tls/contact/consultation

Chat Question

Please answer in the chat

1. What's your most important take-away from today's session?

2. Do you have any additional questions on what we covered today?

Thank you!