



Centre for Pedagogic & Active Learning Mobile Solutions  
教學與主動學習流動解決方案中心

## TECHNOLOGY-ENABLED ACTIVE LEARNING INVENTORY

Thank you for participating in the Technology-Enabled Active Learning Inventory (TEAL)

The purpose of this survey is to collect student perceptions of active learning in a technology-supported learning context. Please read each question very carefully. All data collected will be kept strictly confidential. When the results of the study are reported, none of you will be identified with the results directly or indirectly. Your decision whether or not to participate will not prejudice your future relations with the instructor or any person associated with it. If you decide to participate you are free to withdraw your consent and to discontinue participation at any time without prejudice.

This survey will take you approximately 10 minutes to complete. Your participation is strictly voluntary and you are not obligated to answer any question with which you are uncomfortable. Place a tick in the box that is correct or closest to your rating for that item. Please complete all items.

### BACKGROUND

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Please [] only one answer for the following questions.

**1. Have you used [name of app/technology] for learning before?**

Yes  No

**2. How often do you use mobile applications (daily, weekly, monthly, yearly, never)?**

Daily  Weekly  Monthly  Yearly  Never

**3. Have you used [name of app/technology] in a course before taking this class?:**

Never  Once  Two to three times  More than three times

**4. During this course, how often did you review and interact with your [name of app/technology] for this course?**

Not at all  About once each month  A few times a month  About once each week  
 A few times a week  Five to six times a week  About once a day  Several times a day  
 Other (please specify).....

**5. What is your self-assessment about using the [name of app/technology] for this course?:**

Low experience  Moderate experience  High experience

**6. After engaging with the [name of app/technology] in this course, how experienced would you judge yourself to be?**

Low-level experience  Moderately experienced  Highly experienced

**7. With regard to technology in general, how would you describe yourself?**

Novice User  Intermediate User  Advanced User

**8. Gender:**

Yes  No

**9. Your year in school:**

1  2  3  4

**Using the following scale, (7 = Strongly Agree 6 = Moderately Agree 5 = Slightly Agree 4 = Neither Agree nor Disagree 3 = Slightly Disagree 2 = Moderately Disagree 1 = Strongly Disagree), please circle the number that indicates your level of agreement with the following statements:**

		Strongly Agree	Moderately Agree	Slightly Agree	Neither Agree nor Disagree	Slightly Disagree	Moderately Disagree	Strongly Disagree
Using the [technology]								
10.	allowed me respond expediently to my actions, resulting in a fully responsive interaction.	7	6	5	4	3	2	1
11.	Allowed me to engage in thought-provoking dialogue with points of view that challenged my perspectives	7	6	5	4	3	2	1
12.	allowed me to receive timely feedback that helped me improve my performance	7	6	5	4	3	2	1
13.	allowed me to methodically generate ideas by contributing information from multiple viewpoints	7	6	5	4	3	2	1
14.	enabled me to skillfully interact with the features in a responsive manner	7	6	5	4	3	2	1
15.	enabled me to solve a problem systematically by taking into account different points of view	7	6	5	4	3	2	1
16.	encouraged me to explore a variety of different issues that I may not have otherwise considered	7	6	5	4	3	2	1
17.	enabled me to receive inputs so that I was able to keep track of my own performance	7	6	5	4	3	2	1
18.	allowed me to actively engage with the user-interface in a way that promotes dialogue	7	6	5	4	3	2	1
19.	encouraged me to think critically about the broader concepts related to the problem	7	6	5	4	3	2	1

20.	piqued my curiosity by exploring various options when navigating the user interface	7	6	5	4	3	2	1
21.	allowed me to receive prompt feedback so that I was aware of my own progression towards knowledge acquisition	7	6	5	4	3	2	1
22.	helped me to interact more effectively with peers through an engaging interface	7	6	5	4	3	2	1
23.	let me analyze my own views and their wider contexts in order to draw firm conclusions	7	6	5	4	3	2	1
24.	held my attention by challenging me to look into issues that I may not have otherwise thought of.	7	6	5	4	3	2	1
25.	allowed me to receive prompt feedback so that I was aware of my own progression towards mastery of my skills	7	6	5	4	3	2	1
26.	Facilitated the exchange of information by engaging with content presented in diverse formats.	7	6	5	4	3	2	1
27.	allowed me to define the problem systematically by viewing it from different angles in an effort to find possible solutions	7	6	5	4	3	2	1
28.	encouraged me to exert effort in the face of difficulty by persisting at tasks I found challenging	7	6	5	4	3	2	1
29.	enabled me to receive responses that allow further understanding	7	6	5	4	3	2	1