

Knowledge-Building Environment Scale (KBES)

English Questionnaire

Name: _____ Student ID: _____ Date: _____

Instructions: Please indicate how strongly you agree or disagree with each statement about this course. Check one response for each item.

1 = Strongly disagree 2 = Disagree 3 = Agree 4 = Strongly agree

Section A. Working with Ideas

Item	Statement	1	2	3	4
WI1	In this course, all ideas are worthy of consideration.	☐	☐	☐	☐
WI2	In this course, sharing of ideas is not encouraged.	☐	☐	☐	☐
WI3	In this course, it is helpful to learn new things from different perspectives.	☐	☐	☐	☐
WI4	In this course, ideas are shared and interchanged.	☐	☐	☐	☐
WI5	In this course, the interaction about the ideas we have is helpful to facilitate better understanding of knowledge work.	☐	☐	☐	☐
WI6	In this course, it is important to embrace divergent ideas.	☐	☐	☐	☐
WI7	In this course, the integration of ideas helps the community to advance knowledge.	☐	☐	☐	☐

Section B. Assuming Agency

Item	Statement	1	2	3	4
AA1	In this course, one need to plan and execute one's learning plan.	☐	☐	☐	☐
AA2	In this course, it is important to constantly reflect on one's own learning status.	☐	☐	☐	☐
AA3	In this course, students are always reflecting on the process of how to improve knowledge.	☐	☐	☐	☐
AA4	In this course, it is important to pursue real life knowledge.	☐	☐	☐	☐
AA5	In this course, it is important to identify the difficulties that occurred in the process of learning.	☐	☐	☐	☐
AA6	In this course, it is meaningful for members to spend time beyond the class to explore problems that one is concerned with.	☐	☐	☐	☐
AA7	In this course, it is meaningful to constantly reflect on one's learning process.	☐	☐	☐	☐
AA8	In this course, it is important to reflect on one's learning at the end of the course.	☐	☐	☐	☐

Section C. Fostering Community

Item	Statement	1	2	3	4
FC1	In this course, participation of all members in the community is important.	☐	☐	☐	☐
FC2	In this course, all members have to actively participate in discussion.	☐	☐	☐	☐
FC3	In this course, all members need to take responsibility for the learning outcomes of the community.	☐	☐	☐	☐
FC4	In this course, all members have equal opportunities to contribute ideas.	☐	☐	☐	☐
FC5	In this course, both individuals' learning outcomes and the community's knowledge advances are equally important.	☐	☐	☐	☐
FC6	In this course, all members work collaboratively with the ideas.	☐	☐	☐	☐
FC7	In this course, contributing to community's learning and growth is important.	☐	☐	☐	☐
FC8	In this course, every member's ideas are seen as important contribution to community knowledge advances.	☐	☐	☐	☐
FC9	In this course, even small contributions to the community are regarded as meaningful.	☐	☐	☐	☐

Source: Lin, K. Y., Hong, H. Y., & Chai, C. S. (2014). Development and validation of the knowledge-building environment scale. *Learning and Individual Differences*, 30, 124–132. <https://doi.org/10.1016/j.lindif.2013.10.018>