

Research Guide

Tentative Title: Remote Collaborative Learning

Research Questions

1. What are the usage experiences in an introductory STEM class?
 - a. Do students use some remote technologies to collaborate in a class?
 - b. If yes, what software/apps and their features/activities do they find helpful? How do they use them? In what context?
 - c. If yes, how often do they use these tools?
 - d. If no, what are reasons or obstacles for collaborating with others?
 - e. Would you like to have more support for collaboration in your class?
2. Given the answers to the above research questions, what is the prevalence (percentage) of these experiences across the pilot courses for the project?

Research Method and Protocol

High level:

- Use interviews and contextual inquiry for answers to research questions 1*
- Use survey for RQ2