

Electronic Seminar on Mathematics Education

Inquiry Based Learning at Michigan



In IBL, students learn through guided exploration with the help of experienced instructors. We engage the students and emphasize discovery, analysis, and investigation to deepen their understanding of the

material and its applications. Students solve problems, conjecture, experiment, explore and create. These practices have been strongly supported by the CBMS, MAA, and the NRC.

I will discuss inquiry based learning as we have introduced it over the last fifteen years at U Michigan, a bit about the history and the "struggle", and their effect on both students and instructors. I will describe our training of instructors, especially postdoctoral fellows, assessment, the role undergraduates play as course assistants and our course materials.

Ralf Spatzier, University of Michigan

12:00 ET, April 2, 2019

To join the seminar, go to
<https://zoom.us/j/8803591328>

For more information on EMES:
<http://math.mit.edu/seminars/emes/>