

Electronic Seminar on Mathematics Education

Keep it Active: Engaging Students in Virtual Classrooms

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As a result of the novel coronavirus, mathematics faculty are being asked to rapidly translate their courses from brick-and-mortar classrooms to virtual environments. We faced a similar challenge five years ago when founding the Minerva Schools. In the time since we have taught hundreds of college students math in real-time virtual classrooms. In our

experience, synchronous classes are most effective when students are actively engaging in well-defined tasks throughout the session. In this seminar, you will take the role of a student in a portion of a Minerva calculus class session. After the class simulation and debrief, we will have an open discussion about translating active learning techniques to synchronous, virtual classrooms.

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Co-sponsored by TPSE-Math <https://www.tpsemath.org/>

To join the seminar, go to <https://cornell.zoom.us/j/169462410>

For more information on ESME: <http://math.mit.edu/seminars/esme/>