

You are cordially invited to attend the
MSU Mathematics Education Virtual Colloquium



Dr. Peter Liljedahl

Friday, March 5, 2021
11:00 am-12:00 pm

Register in advance for the
colloquium:

<https://bit.ly/3bafgVE>

After registering, you will receive
a confirmation email containing
information about joining the
meeting.

Building Thinking Classrooms

Abstract

Much of how classrooms look and much of what happens in them today is guided by institutional norms laid down at the inception of an industrial-age model of public education. These norms have enabled a culture of teaching and learning that is often devoid of student thinking. In this session I present some of the results of over 15 years of research into how K-12 and post-secondary teachers can transform their classrooms from a space where students mimic to where students think. The practices discussed will intertwine with, and make extensive references to, the recently published book, *Building Thinking Classrooms in Mathematics: 14 Teaching Practices for Enhancing Learning*.

Bio

Dr. Peter Liljedahl is a Professor of Mathematics Education in the Faculty of Education, Simon Fraser University, Burnaby British Columbia. He is the former president of the International Group for the Psychology of Mathematics Education (PME), the current president of the Canadian Mathematics Education Study Group (CMESG), senior editor for the International Journal of Science and Mathematics Education (IJSME), on the editorial boards of *ESM*, *JMTE*, *MERJ*, *MTL*, *CJSMTE*, and a member of the NCTM Research Committee. Peter is a former high school mathematics teacher who has kept his research interest and activities close to the classroom. He consults regularly with teachers, schools, school districts, and ministries of education on issues of teaching and learning, assessment, and numeracy.

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