Southern Alberta Professional Development Consortium

Building Thinking Classrooms

PRESENTED BY

Peter Liljedahl

SERIES SESSIONS

Date	Time
September 28, 2021	4:00 PM - 6:30 PM
October 12, 2021	4:00 PM - 6:30 PM
October 26, 2021	4:00 PM - 6:30 PM

LOCATION

Computer of your choice - -

FEE

$100.00

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Program

Building Thinking Classrooms

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 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 (Grades K-12): 14 Teaching Practices for Enhancing Learning.*

Presenters

Peter Liljedahl

Dr. Peter Liljedahl is an Associate Professor of Mathematics Education in the Faculty of Education and an associate member in the Department of Mathematics at Simon Fraser University in Vancouver, Canada. He is the coordinator of the MSc and PhD Program in Mathematics Education and is a co-director of the David Wheeler Institute for Research in Mathematics Education at Simon Fraser University.

He is the former vice-president of the Canadian Mathematics Education Study Group and the current president of the International Group for the Psychology of Mathematics Education. Dr. Liljedahl serves on the editorial boards of ESM, JMTE, MTL, FMEJ,MERJ, and CJSMTE and is a senior editor of IJSME. He has authored or co-authored 7 books, 17 book chapters, 26 journal articles, and over 50 conference papers. Dr. Liljedahl is also a member of the executive of the British Columbia Mathematics Teachers Association (BCAMT) and co-editor of their flagship journal, Vector.

Dr. Liljedahl is a former high school mathematics teacher who has kept his research interest and activities close to the classroom. His research interests are creativity, insight, and discovery in mathematics teaching and learning; the role of the affective domain on the teaching and learning of mathematics; the professional growth of mathematics teachers; mathematical problem solving; numeracy; and engaging student thinking. He consults regularly with schools, school districts, and ministries of education on issues of teaching and learning, assessment, and numeracy.

Registration Notes

This session is made possible through funding from Alberta Education.

This session is only available to Alberta residents.