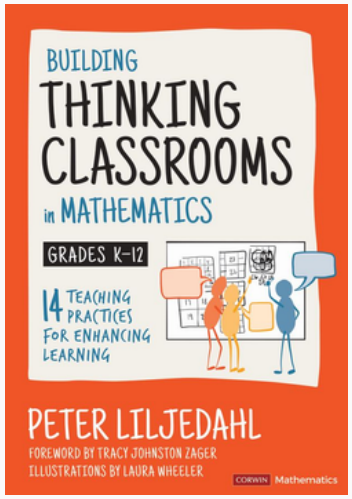
FIRST Education Math Summit

Wednesday, February 12, 2025

Peter Liljedahl



$299 individual registration

$1,500 school-wide access

$5,000 district-wide access

FIRST Educational Resources

POWERFUL · AFFORDABLE · SUSTAINABLE

1 Workshop | 3 Roundtable Sessions

Recorded Access Until April 30, 2025

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Welcome!

FIRST EDUCATION MATH SUMMIT

FEBRUARY 12, 2025

On behalf of our entire team at FIRST Educational Resources, we are so pleased that you have chosen to join us for this exciting one-day virtual summit focused on discovering the transformative power of Building Thinking Classrooms with Peter Liljedahl with engaging roundtable sessions designed to provide educators with the tools and insights needed to transform their classrooms into dynamic spaces where students actively engage, think critically, and take ownership of their learning journey.

By the end of the Virtual Math Summit, educators will be equipped with the knowledge and confidence to transform their classrooms into environments that prioritize and nurture student thinking and engagement, harnessing the power of Building Thinking Classrooms.

Join us to revolutionize your teaching approach and inspire a new generation of thinkers. Become a catalyst for change in mathematics education as we unlock the potential of every student, empowering them to become confident, resourceful, and resilient mathematicians.

We want to be your continued partners in learning! As you participate in the Summit, know that we offer workshops, customized sessions, and on-site support for teachers and leaders like you. We'd love to talk with you about your goals and how we might partner with you to make these goals a reality!

Please enjoy the 2025 FIRST Education Math Summit!

Dr. Garth Larson
President,
FIRST Educational Resources
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Shelly Daun
Director
FIRST Education Math Center
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More Information: www.firsteducation-us.com/math-summit

MATH SUMMIT
SESSION DESCRIPTIONS

9:15 AM - 9:30 AM CST
Welcome

WELCOME, REVIEW AGENDA FOR THE DAY, AND A WORD FROM OUR SPONSOR

9:30 AM - 12:00 PM CST
Workshop Session

BUILDING THINKING CLASSROOMS: DIGGING DEEPER WITH PETER LILJEDAHL

Peter Liljedahl

Building Thinking Classroom is a practice most well-known for having students working on thinking tasks, in random groups, and at vertical whiteboards—all of which take place during the body of the lesson. In this two-and-a-half-hour workshop, Peter will discuss why these practices are important as well as why it is important to think beyond the body of the lesson to the closing of the lesson. In particular, Peter will look at the new research on the three practices that close a thinking classroom lesson—consolidation, meaningful notes, and check-your-understanding questions. These three practices are instrumental in helping students turn the unorganized, unstructured, and informal conception they gained from their group work into organized, structured, and formalized learning for themselves. The practices discussed will intertwine with, and make extensive references to, the soon-to-be-released books, Mathematics Tasks for the Thinking Classrooms (K-5 and 6-12).

12:00 - 12:30 PM CST

More Information: info@firsteducation-us.com

MATH SUMMIT
SESSION DESCRIPTIONS

12:30 PM - 1:30 PM CST
Roundtable Sessions

(Select 1)

ROUNDTABLE SESSION 1: ENHANCING ENGAGEMENT THROUGH KEY PRINCIPLES OF BUILDING THINKING CLASSROOMS

Cyndie Lowe

Description: This roundtable session will explore five fundamental principles of Building Thinking Classrooms: Principle 1 (What Types of Tasks We Use), Principle 6 (When, Where, and How Tasks Are Given), Principle 10 (How We Consolidate a Lesson), Principle 5 (How We Answer Questions), and Principle 9 (How We Use Hints and Extensions). Participants will engage in a collaborative discussion to share insights, strategies, and practical applications for fostering a more engaging and effective learning environment.

ROUNDTABLE SESSION 2: CREATING DYNAMIC LEARNING ENVIRONMENTS THROUGH KEY PRINCIPLES OF BUILDING THINKING CLASSROOMS

Shelly Daun

Description: This roundtable session will explore four crucial principles of Building Thinking Classrooms: Principle 2 (How We Form Collaborative Groups), Principle 4 (How We Arrange the Furniture), Principle 3 (Where Students Work), and Principle 8 (How We Foster Student Autonomy). Participants will engage in a collaborative discussion to share insights, strategies, and practical applications for fostering a more engaging and effective learning environment.

ROUNDTABLE SESSION 3: ENHANCING STUDENT OUTCOMES THROUGH KEY PRINCIPLES OF BUILDING THINKING CLASSROOMS

Amanda Ironside

Description: This roundtable session will explore four essential principles of Building Thinking Classrooms: Principle 7 (What Homework Looks Like), Principle 12 (What We Choose to Evaluate), Principle 13 (How We Use Formative Assessment), and Principle 14 (How We Grade). Educators will engage in a collaborative discussion to share insights, strategies, and practical applications for fostering a more effective and reflective learning environment.

1:30 PM - 1:45 PM CST
Break

1:45 PM - 2:45 PM CST
Roundtable Sessions

(Select 1)

CHOOSE A NEW ROUNDTABLE TO ATTEND FROM THE CHOICES ABOVE.

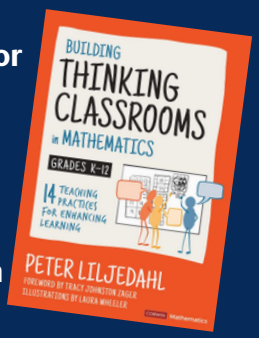
2:45 PM - 3:00 PM CST
Summit Closing

ABOUT THE PRESENTERS

Workshop Presenter

Peter Liljedahl

Dr. Peter Liljedahl is a Professor of Mathematics Education in the Faculty of Education at Simon Fraser University and author of the best-selling book, Building Thinking Classrooms in Mathematics [Grades K-12]: 14 Teaching Practices for Enhancing Learning. 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, problem solving, assessment, numeracy, and building thinking classrooms.



Roundtable Facilitators

Shelly Daun

Shelly Daun, the Director of the FIRST Education Math Center, a division of FIRST Educational Resources, has over 30-year in public education. Currently serving as the Director of Curriculum, Instruction, and Assessment, she brings a wealth of experience gained from roles as a teacher, instructional coach, and principal. Shelly extends her expertise globally by consulting with schools and districts. Specializing in math education, she provides customized professional development to enhance teaching methodologies, foster a deeper understanding of mathematics in educational settings, and provide students access to rigorous mathematical course work.

Amanda Ironside

Amanda Ironside has over 20 years of experience in public education, working as a classroom teacher, instructional coach and Advanced Learning Coordinator. Currently serving as the Gifted, Talented & Advanced Learner Coordinator for her district, Amanda consults with school districts, emphasizing a systematic approach through coaching and collaboration with teachers and administrators to enhance student outcomes and strengthen instructional practices. For over a decade, she has provided professional development across the country, specializing in a systematic approach to mathematics education that focuses on refining curriculum frameworks and advancing teacher methodologies.

Cyndie Lowe

Cynthia Lowe brings over 25 years of experience in education, excelling in teaching high school math, training teachers, and working as an interventionist and instructional coach. Currently, she serves as the 9-12 math coach and coordinator in a district in NE Wisconsin. Cynthia is a dedicated instructional leader with a passion for developing lessons and units using effective instructional strategies. For over a decade, she has provided professional development nationwide, specializing in mathematics education and implementing researched best practices for building and district-level improvement.