GRASSROOTS WORKSHOPS®

WORKSHOP FACT SHEET

# Building Thinking Classrooms®

by Peter Liljedahl

**$375.00**

(**$450.00** for 12 months access)

**View Workshop**

**Subject:** Mathematics

**Semesters Offered:**

- Summer 2026
- Fall 2026
- Spring 2027
- Summer 2027
- Fall 2027

**Timing:** Self-paced with no set meeting time

**PD Hours:** 16 Professional Development Hours

**Credits:** 2-4 Graduate Level PD Credits Available

**Topics Covered:**

- Thinking task
- Visibly random groups
- Vertical non permanent surfaces
- Defronting classroom
- How when and where to give tasks
- Student autonomy
- Answering questions
- Hints & extensions
- Thin slicing
- Consolidation
- Meaningful notes
- Check your understanding questions
- Evaluating competencies
- Formative assessment
- Grading

One tree will be planted per registration (partnership with One Tree Planted).

## About This Workshop

Building Thinking Classrooms is a six-module, step-by-step workshop broken into bite-sized lessons so you can implement what you learn and immediately see the results of building your own thinking classroom.

- Module 1 uncovers why, in traditional classrooms, up to 80% of students are not thinking, why that is so detrimental to learning, and shows us what needs to change in order for thinking to begin.
- Module 2 shows you how to kick start your thinking classroom by using low-floor, high-ceiling thinking tasks, forming visibly random groups to build equity, and swapping desks for vertical, collaborative whiteboards.
- Module 3 shows you how to fine tune your emerging thinking classroom by showing you how to arrange your classroom, helping you to avoid stop-thinking questions, and mastering the art of launching a thinking task.
- Module 4 teaches you to plan a “thin-sliced” sequence of tasks and mobilize the knowledge that is in your room to help you cover large amounts of content in a short amount of time.
- Module 5 teaches you how to close a lesson by showing you how to consolidate from the bottom, move from note-taking to note-making, and rebranding homework to check-your-understanding questions.
- Module 6 equips you with competency rubrics, real-time feedback maps, and data-gathering protocols that turn thinking into learning.

Each lesson is concise, research-backed, and packed with examples. You will learn everything you need to empower every student to think deeply, collaborate confidently, and take responsibility for their learning. Start building your thinking classroom today.

## About the Instructor

### Peter Liljedahl

Dr. Peter Liljedahl is a Professor of Mathematics Education in the Faculty of Education at Simon Fraser University and the 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 interests 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.