



## 2022-2023 Montana Teacher Leader Academy Unit 8 Course Learning Plan - Cohort 2

**Date:** March 17-18, 2023

**Course Title:** The Thinking Classroom

**Instructor:** Dr. Peter Liljedahl, Faculty of Education Professor, Simon Fraser University

**Course Description:** In this course, participants will learn how to build a thinking classroom as well as how to help fellow teachers in the adoption of the thinking classroom into their own teaching.

### Course Outcomes:

- How to build a thinking classroom.
- How to help fellow colleagues to grow professionally through shifts of attention and the process of noticing, naming, and nuancing.
- How to adapt a thinking classroom to meet the challenges faced due to the global pandemic.

### Course Texts/Articles:

- *Building Thinking Classrooms in Mathematics (Grades K-12): 14 Teaching Practices for Enhancing Learning* by Dr. Peter Liljedahl – Post Reading

### Content/Activities:

During this course, participants will engage in experiences through varying roles.

- Thinking classroom experience where I am the teacher, and they are the learners.
- Unpacking the experience where I am the teacher educator, and they are teachers.
- Unpacking that experience where I am the teacher educator educator, and they are teacher educators.

Course experiences will include strategies from the 14 Teaching Practices for Enhancing Learning

1. What Types of Tasks We Use in a Thinking Classroom
2. How We Form Collaborative Groups in a Thinking Classroom
3. Where Students Work in a Thinking Classroom
4. How We Arrange the Furniture in a Thinking Classroom
5. How We Answer Questions in a Thinking Classroom
6. When, Where, and How Tasks Are Given in a Thinking Classroom
7. What Homework Looks Like in a Thinking Classroom
8. How We Foster Student Autonomy in a Thinking Classroom
9. How We Use Hints and Extensions in a Thinking Classroom
10. How We Consolidate a Lesson in a Thinking Classroom
11. How Students Take Notes in a Thinking Classroom
12. What We Choose to Evaluate in a Thinking Classroom
13. How We Use Formative Assessment in a Thinking Classroom
14. How We Grade in a Thinking Classroom

