



# Spring 2023 Mathematics Professional Development Opportunities

One professional development credit is available for all courses at no cost to Idaho educators.

## Virtual Book Study: *Fluency Through Flexibility: How to Build Number Sense* by Christina Tondevold (2014)

*Fluency Through Flexibility* delves deeper into four relationships that build students' number sense. It provides PreK-2nd grade teachers with information about how each relationship affects fluency as well as activities to help build children's number sense.

**ICTM Webinar Kick-off:** Christina Tondevold, author and owner of Build Math Minds – Improving Students' Fluency By Building Flexibility

**Date:** March 8, 2023

Sign up for the webinar: <http://idahoctm.org/event-4976969>

**Book Study Dates and Times:** March 15, 2023; March 29, 2023, April 12, 2023, April 26, 2023 & May 10, 2023, from 5:00 - 6:00 pm MST/4:00 - 5:00 pm PST

**Grade Level Focus:** PreK-2

**Instructor:** Anne Record from Build Math Minds

Sign up for Book Study: <https://form.jotform.com/222628573730155>

## Virtual Course - Leading Family Math Events

Events which educate parents on how to support a child's mathematics education at home are a research-based strategy which impacts student achievement. This course will provide practicing educators and administrators across the state with knowledge, strategies and resources needed to host high quality Family Math events in Idaho elementary schools. Participants will contribute to and have access to a collection of resources created through this course.

**Course will open April 1, 2023 and close June 1, 2023**

Participants can work asynchronously through course content with two synchronous sessions on April 11 and May 16 from 3:30 – 5:30 PT/4:30 to 6:30 MT

**Instructors:** ICTM Board Members: Erika Meadows, Idaho Science Coach; Kelli Rich, Advanced Construction Public Relations and Sharon Tennent, Boise School District Math Instructional Coach

Sign up here: <https://forms.office.com/r/XMydzmGsX6>



## Catalyzing Change in Idaho High School Mathematics – Virtual Book Study

This synchronous, virtual book study will engage high school educators in readings and discussions about exemplary high school mathematics programs using the NCTM publication *Catalyzing Change in High School Mathematics*. Essential content for all students will be discussed in alignment with the 2022 Idaho Content Standards for Mathematics.

Course Dates: April 24, May 8, May 22, June 5 (4:30 - 6:30 PT/5:30 – 7:30 MT)

[Register here](#)

## Mathematical Modeling and Modeling Mathematics – Hybrid Course

What is the difference between mathematical modeling and modeling mathematics? This professional development course for in-service educators and administrators will support them as they incorporate modeling, both modeling mathematics and mathematical modeling, into their instructional practice to improve the learning of mathematics and its applications for all students.

Virtual Synchronous Sessions: April 18, May 2, May 16 (4:00 - 5:30 PT/5:00 – 6:30 MT) with regional in-person sessions 9:00 to 4:00 (local time) on June 12 (Regions 5 & 6), June 13 (Regions 3 & 4) and June 14 (Regions 1 & 2).

[Register here](#)

## Teaching Mathematical Thinking – (TMT)

TMT courses are the state-approved mathematics course required for some certifications. TMT courses are offered in a variety of formats in each region of the state through Idaho's Regional Math Centers. Class participants may sign up for a class in any region. See <https://www.sde.idaho.gov/academic/math/files/mti-tmt/files/TMT-Flyer.pdf> for a complete listing of TMT courses and sign-up information.