



Spring 2023 ICTM and SDE Mathematics Professional Development

The Idaho State Department of Education partners with the Idaho Council of Teachers of Mathematics (ICTM) to provide professional development in mathematics. We pair virtual book studies with ICTM Webinars and connect Idaho mathematics educators from across the state through these opportunities. These professional development opportunities are provided at no cost for teachers working in an Idaho public or charter school. The state department will provide one professional development credit and the course book for each participant. Course sessions are synchronous via zoom with asynchronous reading and classroom-related assignments between sessions.

Grade level focus on courses indicate the grade levels the course content will be most relevant for. Teachers of all grade levels are encouraged to join courses above and below their present teaching assignments to develop their mathematical content knowledge and awareness of systemic issues in K-12 mathematics education.

Virtual Book Study: *Beyond Invert and Multiply* by Julie McNamara (2022)

Beyond Invert & Multiply is a powerhouse resource for focusing on fraction computation. It builds on foundational understandings of fractions and applies them to a variety of relevant problem-solving situations.

ICTM Webinar Kick-off: Michelle Carney, BSU Professor – Fraction Representation

Date: Wednesday, January 25, 5:00 - 6:00 pm MST/4:00 - 5:00 pm PST

Sign up for the webinar: <http://idahoctm.org/event-4976957>

Book Study Dates and Times: Wednesdays, February 1st - March 1, 2023, from 5:00 - 6:00 pm MST/4:00 - 5:00 pm PST

Grade Level Focus: Grades 3 – 6

Instructor: April Taylor, Elementary Teacher in Idaho Falls District 91 & ICTM Board Member

Sign up for Book Study here: <https://form.jotform.com/222628047078156>

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: Ann Elise 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>