



Idaho Regional Math Center, Region II

Fall 2020 Offerings

VIDEO-BASED REFLECTION ON TEACHING

Our newest offering, VBRT is a cyclical professional learning opportunity for teachers eager to transform their vision and understanding of effective teaching into daily practice. Research supports evidence of increased student achievement with VBRT, particularly when done in multiple cycles. Teachers connect their daily teaching practice to research-based teaching practices through structured examination and collaborative, reflective discussions with the Regional Math Specialist.



ONE-ON-ONE INSTRUCTIONAL COACHING

Do you have a particular goal to improve your instructional practice? The Regional Math Specialist can help you investigate by working alongside you in your classroom.



CUSTOMIZED SERVICES

Since the needs across classrooms, schools and districts are so varied and diverse, we will work with you to offer customized services for your specific needs.



NEEDS ASSESSMENT

We will work with your school or district to meet your unique needs, customizing our support. Please contact us so we can begin our work with you!

CONTACT US

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Our Collaborators
 Idaho State Department of Education
 Lewis-Clark State College
 Idaho Regional Math Centers





RESEARCH-BASED

Lesson Study Cycles

Are you ready to choose the topics of your professional learning?

Would you like to be given the time to collaboratively plan lessons with colleagues based on topics that you have seen your students struggling with?

Have you been thirsting for the opportunity to observe classroom lessons together with other teachers?

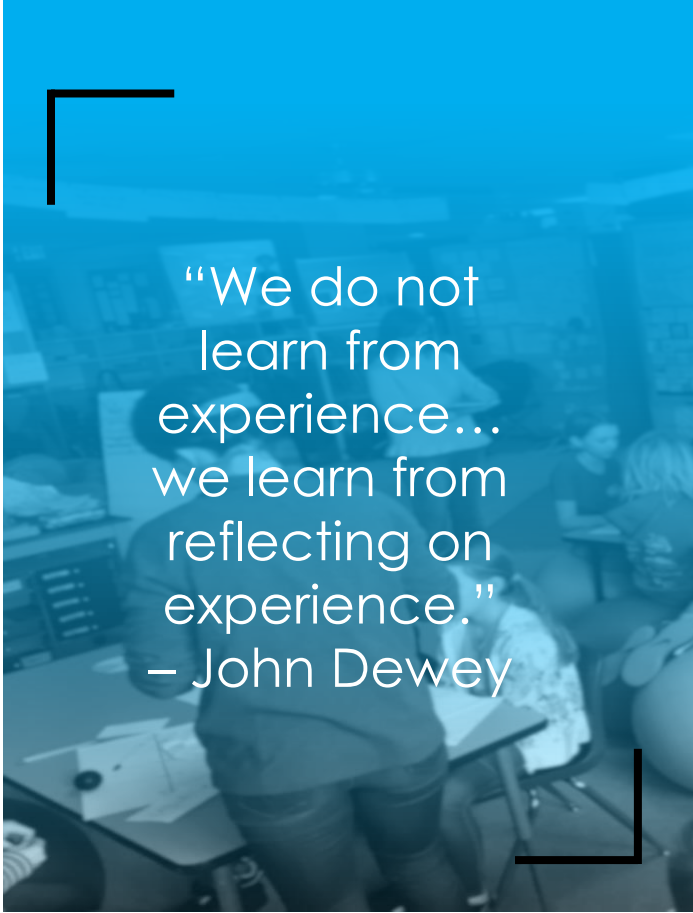
Many teachers across our region are doing just that through their participation in our lesson study groups, and all teachers are welcome to join!

Widely viewed as the foremost professional development program, lesson study is credited with dramatic success in improving classroom practices for the Japanese elementary school system. A particularly noticeable accomplishment in the past 20 years of lesson study has been the transformation from teacher-directed instruction to student-centered instruction in mathematics and science, which makes this form of professional learning especially powerful in the era of our Idaho Content Standards.

During lesson study, teachers engage in each of the following phases in small teams of 3-6 teachers with the full support of the Regional Mathematics Specialist:

1. Identify a challenge/topic.
2. Co-plan lessons together based on current research.
3. Carefully observe the students engaged in a co-planned lesson.
4. Discuss what was observed in the lesson and generalize effective practices that were evident in the lesson.

This intense process revolutionizes the way we view professional development, allowing teachers to be the decision-makers and providing the support and facilitation needed to be certain the learning is powerful and relevant. We invite all of our Region II teachers to join a lesson study group and engage in what will likely be the most powerful professional development you have yet to experience.



“We do not learn from experience... we learn from reflecting on experience.”
– John Dewey



Video-Based Reflection on Teaching (VBRT)

Desired Outcomes

- Connect one's daily teaching practice to research-based teaching practices
- Examine one's own teaching practice critically
- Collaboratively discuss one's own teaching practice in retrospective reflection
- Research strongly suggests engaging in more than one cycle as described above

What participants will do in one cycle

- Choose a research based teaching practice to work on, often a hypothesis from a previous lesson study cycle
- Record a 10-15 minute segment from the classroom with an IRMC provided Swivl device that captures a moment of attempting to enact that chosen research-based teaching practice
- View the self-recorded video, providing time-stamped comments related to the enactment of that teaching practice as seen by the teacher
- Share the video and comments with the Regional Math Specialist, who will also view, record and share time-stamped comments
- Engage in a 20-minute discussion with the RMS to summarize what was learned about that teaching practice and decide on next steps

Individual Needs

The members of the Regional Mathematics Centers have experience in K-16 mathematics education, designing and delivering professional development, instructional technologies, and educational research. We are able to provide both regional and school-specific support in mathematics education. The nature of this free and focused support can include such things as in-class feedback and modeling of lessons, school-wide workshops, Professional Learning Community guidance, continuing credit courses for re-certification, and district-wide conferences. Please contact your Regional Mathematics Specialist or the Director to schedule a time to discuss how we can best meet your needs. And don't forget, we will come to you!

