Lesson Study

Lesson Study is a collaborative professional development approach focused on student learning. The Lesson Study Cycle is comprised of four stages. Typically, teams complete one or two cycles each academic year. Attention to the three Lesson Study Implementation Practices helps teams build capacity to understand student learning and make meaningful changes to their teaching practice.

Lesson Study Cycle

1. **Study and Plan**
   - The team identifies goals for students, investigates curricula, and examines research on classroom practice and student learning. They develop a detailed lesson plan that includes tasks, anticipated responses, instructor moves, and evaluation questions.

2. **Teach and Observe**
   - One team member teaches the lesson while others observe and record evidence of student learning.

3. **Debrief and Revise**
   - Team members share observation data, discuss evidence of student learning, and explore whether students achieved goals. Based on these findings, the team revises the lesson to improve its effectiveness.

4. **Reteach, Reflect, Report**
   - A team member reteaches the lesson while others observe and collect evidence of student learning. The team reflects on the results and generates a report to share professional knowledge with the field.

Implementation Practices

**DEVELOP AND SUSTAIN A COLLABORATIVE TEAM**
- Establish purpose and long-term goals
- Articulate and attend to collaboration norms
- Maintain an inquiry focus on student learning

**STUDY RESEARCH AND APPLY EVIDENCE-BASED PRACTICES**
- Explore research literature on student development of mathematical understanding
- Investigate evidence-based instructional approaches and practices

**GENERATE AND SHARE PROFESSIONAL KNOWLEDGE**
- Synthesize and document lessons learned
- Consider broader application for teaching practice
- Share knowledge with the field