



# TEACHER TO TEACHER PUBLICATIONS, INC.

## **BUILD CAPACITY: SUPPORT FOR MATH COACHES & OTHER INSTRUCTIONAL LEADERS** USING *MAKING SENSE OF PROBLEM SOLVING* TO HELP TEACHERS STRENGTHEN INSTRUCTIONAL STRATEGIES AND DEEPEN CONTENT UNDERSTANDING

### Option 1: Prepare Math Coaches to Engage Teachers in Strengthening Instructional Strategies

Teacher to Teacher Mathematics Consultants:

- Collaborate with your district leaders to adapt our *Making Sense of Problem Solving* (MSPS) program to be the “best fit” for your district goals.
- Present an in-person one-day PD session with all math coaches and other instructional leaders, to demonstrate the PD program, using the Teacher to Teacher (TTT) Facilitator’s Guide and DVD, and to review the implementation-support process.
- Provide *Making Sense of Problem Solving Professional Development Facilitator’s Guide and DVD* to each math coach to use to facilitate four 1-hour PD sessions in each building, plus one grade level MSPS book for each teacher and one set of MSPS books for the math coach or other leader in each building. (Note: two or three specific lessons are assigned from MSPS grade level books after each PD session.)
- (Optional) On-line course (1 credit).

### Option 2: Implementation Support for Math Coaches to Strengthen Instructional Strategies

Teacher to Teacher Mathematics Consultants provide all services and materials in Option 1 above, as well as a 12-week math coach Implementation Support Program via state-of-the-art online collaboration network and conference calls:

- Facilitate weekly on-line discussions of specific problem solving topics and present monthly live broadcasts.
- Meet once a month with teams of math coaches via on-line collaboration network and/or conference calls to discuss successes, any challenges, and ways to deal with those challenges. Review math coaches’ role and use of Implementation Support Program record keeping forms.
- Provide directions and support materials for individual math coaches to analyze data gathered from Implementation Plan record keeping forms after 3-4 weeks of implementation, and again after 9 weeks of implementation.
- Participate in one meeting with each staff via on-line collaboration network to discuss progress and suggestions regarding any area(s) needing attention.
- (Optional) Classroom demonstration and observation sessions.
- (Optional) On-line course (1-3 credits).

### Option 3: Deepen Content Understanding and MSPS Implementation Support for Math Coaches

Teacher to Teacher Mathematics Consultants provide all services and Materials in Options 1 and 2 above, as well as an additional 12 weeks of ongoing support for math coaches who are working with teachers to deepen content understanding and improve best practices instructional strategies in mathematics:

- Four additional in-person PD days to include focus on deepening content understanding.
- (Optional) Additional days of classroom demonstration and observation sessions.
- (Optional) On-line course (1-5 credits).

### Option 4: Collaborate with us to develop a customized program for your district.