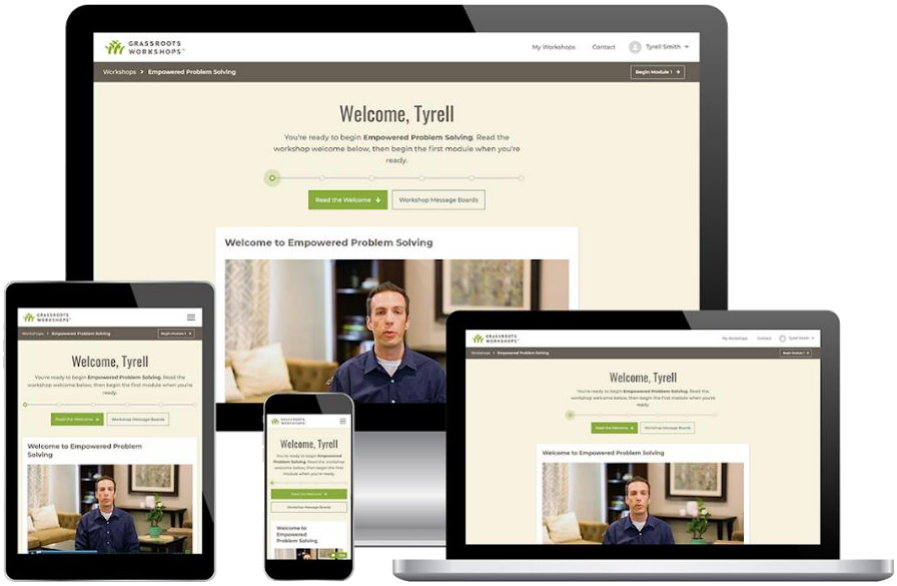
EMPOWERED PROBLEM SOLVING



My six-week interactive online workshop is designed to give you the resources and strategies you need to teach math through problem-solving. I'll be working with you to answer your questions and make sure you feel supported.

Standard access costs $375 for four months of time while extended access costs $450 for twelve months of access. There's approximately 17 hours of professional development content.

Participant Feedback

"This is truly the **most relevant and useful workshop** I have taken. You have carefully thought through all we need to implement problem-based lessons. You did a great job in making sense of the levels of Depth of Knowledge. I don't think I've seen a better explanation. For me, **this has been transforming**. It's exciting and I have revamped the way I do things for my adult learners."

– Dee Mallie, Teacher in Elgin, IL

"Often in a workshop, I hear 1 or 2 things that resonate with me, and, because I teach in a small, private school that has unique characteristics such as no grading, most of it does not apply to me. But **every segment of this workshop had moments that resonated with me** as a teacher and as a person. Your ideas can be implemented **not just in Common Core states**, which Virginia is not, **not just in public schools**, which mine is not, not just in certain types of classrooms, but **in any classroom**, for any teacher who wants to do a better job reaching and teaching students. You have expanded my sense of what's possible and what's necessary for problem-based learning."

– Katrien Vance, Teacher in Afton, Virginia

Workshop Content

Module 1: Why is problem solving so important?

- What does problem solving look like?
- How should students explain what they did?
- Why is this change needed?

Module 2: How would it work with my students?

- How do students respond to these lessons?
- How do I support my students?
- Why can't I use strategies like CUBES?
- What does it look like when students can't apply math?
- What should I focus on when teaching?
- Where can I find problems to use?
- What questions do teachers frequently ask?
- How do elementary students respond to these lessons?
- How do high school students respond to these lessons?
- How do I use a problem-based lesson digitally?

Module 3: How do I prepare to teach a lesson?

- Why should we prepare to teach these lessons?
- What's a problem we can practice facilitating?
- How do I facilitate a discussion about the problem?
- What might that discussion look like?
- How can I practice facilitating this discussion?

Module 4: What if it doesn't go as planned?

- How can I anticipate lesson failures in 60 seconds?
- How to handle eleven of the most common worst-case scenarios when implementing problem-based lessons. (including "What do you do when a student comes up with a strategy for solving the problem that you do not understand?")

Module 5: How can I help students better understand math concepts?

- How can students get correct answers yet not understand?
- How can I support both students who struggle and those looking for more challenge?
- How do I help students persevere?
- Where can I find more Open Middle problems to use?
- How do I use an Open Middle problem digitally?

Module 6: How do I merge this with what I'm already doing?

- How do we make time for this?
- How do I fit this into my pacing plan?
- How do I assess problem-based lessons?
- What should I tell people who observe me?
- How do I stay focused on what's important?