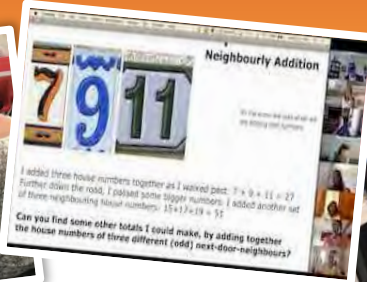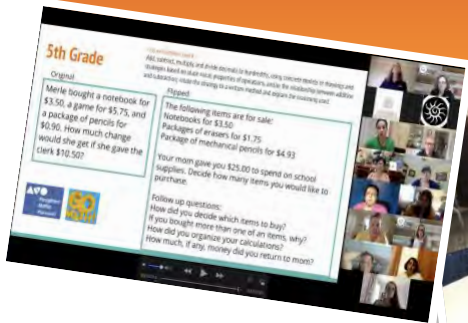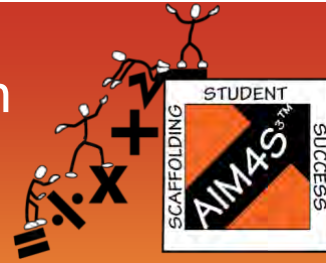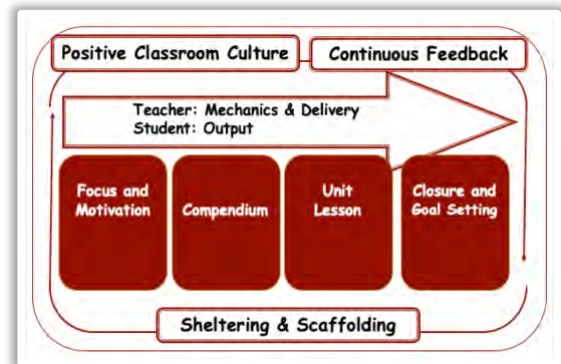# AIM4S³™ Training in Action

What is AIM4S³™?

Achievement Inspired Mathematics for Scaffolding Student Success (AIM4S³™) is a framework that shelters mathematics content to make it comprehensible and accessible to all students, with a specific focus on language learners (ELs/SLs) and students who struggle with math. AIM4S³™ supports implementation of your state math standards and can be used with any mathematics program for students in kindergarten through secondary.
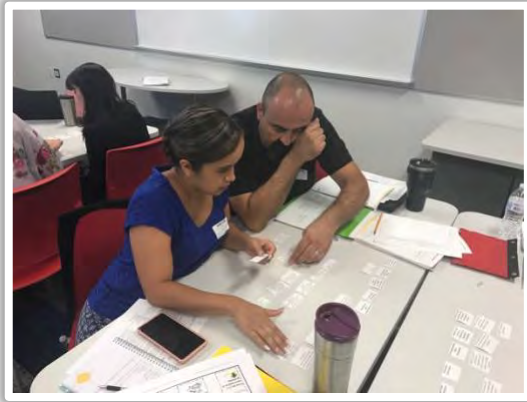

Grounded in research-based effective PD practice

The AIM4S³ framework is grounded in the following research-based effective professional development practices:

1. is content focused;
2. incorporates active learning utilizing adult learning theory;
3. supports collaboration, in a job-embedded context
4. uses models and modeling of effective practice;
5. provides coaching and expert support;
6. offers opportunities for feedback and reflection; and
7. is of sustained duration.
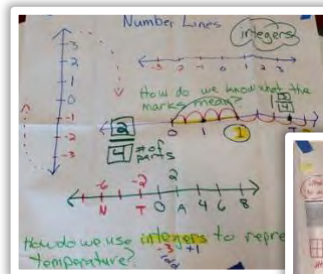   (Darling-Hammond, L., Hyler, M. E., & Gardner, M., 2017)
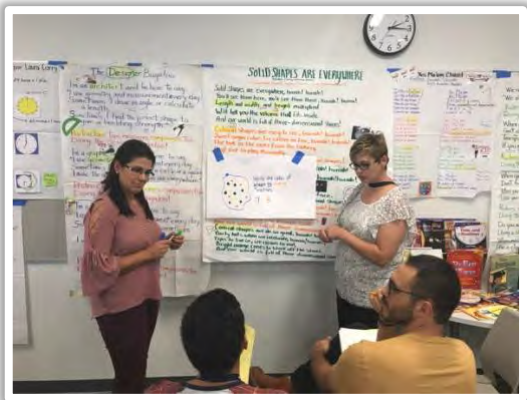
Strengthen teacher pedagogy

Participants receive training on the AIM4S$^{3™}$ Components and Key Instructional Principles to strengthen teacher pedagogy around math instruction and strategies that support diverse learners.

Learn through classroom observations

Teachers observe trainers modeling the AIM4S$^{3™}$ Framework in multiple classrooms with students. This can include in-person demonstrations as well as video of online instruction with students.

Example from 2nd and 6th grade demos.

Lesson plan and practice with colleagues

Participants plan lessons to support students' mathematics achievement and support implementation of the CCSSM. They then deliver the strategies and receive feedback from colleagues.
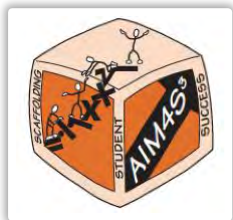
Reflect on classroom implementation

After implementing the planned and practiced lessons from the training with their students, teachers share and reflect on the artifacts from the lesson at the next training session.

For more information about AIM4S$^{3™}$, email aim4s3@dlenm.org or visit http://aim4scubed.dlenm.org.

AIM4S³™ Objectives for Level I Training

- Build and expand the belief that everyone can be successful in math; everyone can learn new math concepts, skills, ways of teaching and learning, and approaches to problem solving.
- Increase our confidence to plan, reflect on and improve math lessons with multiple strategies to make math accessible for all learners.
- Incorporate the AIM4S³™ Framework into our math planning, assessment and instruction to become architects of a classroom culture where students do the heavy mathematical thinking, talking and problem solving.

This training is an in-person six-day training that is done in three two-day sessions. It is offered in-person and virtually.

Outline of Level I Training

Session	Agenda at a Glance
#1	AIM4S³™ Framework focus: *Positive Classroom Culture* *Focus and Motivation* *Sheltering and Scaffolding Unit Lessons* Classroom demonstrations or video of online instruction (45 min.) Participant planning and practice of strategies
#2	Participant share out strategies they've implemented from the framework AIM4S³™ Framework Focus: *Continuous Feedback* *Teacher Mechanics and Delivery* *Compendium* Classroom Demonstrations or video of online instruction (45 min.) Participant planning and practice of strategies
#3	Participant share out their Preassessment and Compendium AIM4S³™ Framework Focus: *Putting it all together* Classroom Demonstrations or video if not in an in-person training (90 min.) Participants plan their next math unit with the AIM4S³™ Framework

Often Asked Questions

Can AIM4S³™ be used with our materials? Yes, the AIM4S³™ Framework supports teachers in planning using your state standards, assessment information about their students and district math resources (i.e., district pacing tools, exemplar tasks, adopted materials). Trainers also share additional resources and tools that can help teachers meet the specific needs of the students in their classrooms.

How do you address assessment during the training? Using assessment data to inform instruction is a foundational part of the framework. Each classroom demonstration includes multiple, practical examples of formative assessment information being used to guide instruction. Planning for assessment is also part of the lessons and unit plan that teachers develop during the training.

Are there online resources to support teachers? Yes, participants get access to videos, the Compendium Bank, the DLeNM Chant bank, publications, as well as other resources to support them with implementing the framework. In addition, there is a quarterly email called *Staying Connected with AIM4S³™* that shares new resources with participants.