

Mathematics Instruction as Language Instruction

Problem-Based
Learning



Standardized
Assessments

If you have been involved with mathematics education on any level, you have probably heard at least one of the following:

- When are we ever going to use this in real life?
- My dad says he hasn't used algebra since high school.
- The test was more of a reading test than a math test.

While the first two sentiments often have easy responses, the third is a very real problem in mathematics education. Often times students possess the necessary math skills but lack the skills that allow for the processing and analyzation of information, the skills often found in effective English & Language Arts classrooms; join us as we explore those skills in a 2-day series devoted to approaching mathematics instruction as language instruction.

**Day 1 – Learning Resources
Training Room (Allegany)
October 10th, 2018
8:30 a.m. – 2:30 p.m.**

- What defines mathematical comprehension?
- How can we visualize math vocabulary?
- What are the right questions?
- What other literacy strategies can we use?

**Registration begins at 8:00 a.m.
Lunch and refreshments provided**

**Day 2 – Southern Tier West
Training Room (Salamanca)
January 8th, 2019
8:30 a.m. – 2:30 p.m.**

- What is problem-based learning?
- How can we bridge the gap between problem-based learning and state assessment items?
- How can students write with video in math class?

**Registration begins at 8:00 a.m.
Lunch and refreshments provided**



This is a COSER 529 Opportunity
NYS Teaching Standards II, III, & VI

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