

MULTISENSORY MATH AND LITERACY :
Strategies for Struggling Students

Don't miss this fantastic opportunity to hear from some of the nation's leading experts on math and literacy. Covering a breadth of areas from fractions to close reading, there promises to be something for everyone.



Marilyn Zecher

Session 1

Multisensory Math: Scaling the Third Grade Wall-Multiplication

Session 2

*Multisensory Math: Fractions are Our Friends
(Full session details on p.2)*



Joan Sedita

Session 1

Keys to Academic Vocabulary Instruction

Session 2

*Keys to Close Reading
(Full session details on p.2)*

To register now, visit our website at:
sc.dyslexia.org/events

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3RD**

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**(Lunch and refreshments
included)**

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(5+ teachers from one district or
school)

** All profits go to the SC Public
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website for more details.*



SESSION DETAILS

MARILYN ZECHER*

Session 1

Multisensory Math: Scaling the Third Grade Wall-Multiplication

Developing multiplication fluency is a significant hurdle for many students with dyslexia. Even when grounded in an understanding of the underlying concepts, retrieval of math facts is difficult because it depends on word retrieval, a deficit for those with language disabilities. For those students who struggle it is sometimes called the Third Grade Wall, yet these skills are essential for higher math.

This introductory hands-on workshop will focus on ways to develop fluency and truly comprehend the meaning of multiplication and division concepts. The methods are appropriate for all students but essential for some.

Session 2

Multisensory Math: Fractions are Our Friends

National test scores demonstrate that students with learning challenges struggle with specific concepts and operations in the hierarchy of skills necessary for higher math.

No area of difficulty appears to be more pronounced than that of fraction concepts. Evidence suggests that students who receive multisensory instruction using manipulative objects master fraction concepts and operations more thoroughly and retain that information longer.

In this approach, the instructional language paired with hands-on practice holds the magic key. Join us for three hours of fraction fun and learn how to make fractions your friends.

JOAN SEDITA*

Session 1

Keys to Academic Vocabulary Instruction

This workshop will provide instructional suggestions for teaching a combination of direct and indirect instructional practices that have been identified consistently in the research as most effective for growing student vocabulary in any subject area. The following topics will be covered:

- *Activities for previewing vocabulary before reading*
- *Four activities for teaching words by relating them to background knowledge and related words*
- *Selecting specific words from content to teach in-depth*
- *Using vocabulary templates to learn everything about an academic word.*
- *Using word parts to determine the meaning of unfamiliar words*

Session 2

Keys to Close Reading

Close reading means figuring out what a text says by thinking critically about the words and ideas in the text. It is sometimes described as deep reading, reading like a detective, or dissecting text. Most students need explicit instruction for how to read text closely, and educators can provide this instruction by planning and conducting close reading lessons. During the workshop, participants learn how to plan and conduct a close reading lesson.

The following topics will be covered:

- *Definition and characteristics of a close reading lesson*
- *Planning a close reading text: how to select sample text, analyze text complexity, generate questions, plan think aloud*
- *Generating text-dependent questions*
- *Stages of a close reading lesson*

* For full bios please visit the events page at: sc.dyslexiaida.org
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