

What does a school staff need to know about incorporating math work stations into the classroom?

This learning guided is designed for use by instructional leaders and learning communities or as a self-paced study to explore guided math.



This learning guide is intended to be used after viewing the video clip:

[Guided Math Video 4](#)

Big Idea: “Environments rich in mathematical opportunities are essential if we want our children to develop a thorough understanding of mathematics.”

~Laney Sammons. Guided Math: A Framework for Mathematics

Key understandings:

- Research tells us that increases in student learning are directly linked to the strategic instructional choices made by teachers. (Marzano 2003).
- “Math workshop is a key ingredient of success in a Guided Math classroom. As one of the most versatile components of the framework, it accommodates a vast array of learning tasks.” (p.11, Sammons, 2017)
- Math work stations are organized within a classroom where students can work alone, with a partner or small group to explore and expand their mathematical thinking, reasoning and problem solving skills.
- “Effective classroom management is the foundation to a successful Math workshop.” (pg.37, Newton, 2016)

Questions for discussion:

- In what ways do you currently differentiate your student’s learning in math? How might you expand that in new ways based on the examples given in the video?
- What cooperative learning activities you do in your math classroom? What rules, rituals and routines are in place to promote success?
- How can implementing math work stations promote the learning goals you have for your class?

For more information:

Marzano, Robert J. 2003. What Works in Schools: Translating Research into Action. Alexandria, VA: Association for Supervision and Curriculum Development

Newton, Dr. Nikki. 2016. Math Workshop in Action Strategies for Grades K-5. New York, NY: Routledge

Sammons, Laney. 2010. Guided Math: A Framework for Mathematics Instruction. Huntington Beach, CA: Shell Education

Sammons, Laney and Boucher, Donna. 2017. Guided Math Workshop. Huntington Beach, CA: Shell Education

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