

What do teachers need to know about implementing a guided math framework into their classrooms?

This learning guide 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 1](#)

**Big Idea:** “Environments rich in mathematical opportunities are essential if we want our children to develop a thorough understanding of mathematics. When students begin to recognize how numbers and problem solving affect their everyday lives, mathematics becomes more meaningful to them.”

Laney Sammons, *Guided Math: A Framework for Mathematics Instruction*

## Key understandings:

- Research indicates that increases in student learning are directly linked to the strategic instructional choices made by teachers. (Marzano 2003)
- Guided Math is a learning framework that provides a selection of effective strategies with a focus on small group instruction.
- The flexibility of this framework enables teachers to adapt it to align with the needs of all their students, as well as their own teaching style.

## Questions for discussion:

- Think about how you were taught mathematics as a student. How does it compare to your current approach to mathematics instruction?
- What form of mathematics instruction was most frequently visible in the video? How does it support student learning?
- Have you used any components of Guided Math in your classroom? If yes, what successes did you have? If no, what might you like to try?
- What challenges might be associated with small group lessons? How might you work through these challenges?

## For more information:

- Marzano, Robert J. 2003. *What Works in Schools: Translating Research into Action*. Alexandria, VA: Association for Supervision and Curriculum Development.
- Sammons, Laney. 2010. *Guided Math: A Framework for Mathematics Instruction*. Huntington Beach, CA: Shell Education.
- Newton, Dr. Nikki. 2013. *Guided Math in Action: Building Each Mathematical Proficiency with Small-Group Instruction*. New York, NY: Routledge.

## Acknowledgement:

This guide was developed by the Edmonton Catholic Schools and funded through a grant from the Edmonton Regional Learning Consortium. It is provided for free in support of improved teaching and learning under the following Creative Commons license.

