

# Spatial Reasoning Across the Math Strands

Presented By: Diane Stang

**Date(s):**

Wednesday, January 24, 2018  
9:00 AM - 3:30 PM

**Session Location:**

Enmax Centre CWB Lounge  
2510 Scenic Drive S, Lethbridge, AB

**Registration Fee:**

\$50.00

<https://sapdc.ca/register/1490>

**Audience:** Teachers, Administrators

**Grade Level:** K-8

**About the Session:**

Spatial reasoning is critical to mathematical thinking and achievement. This engaging and practical workshop will focus on embedding spatial reasoning activities into all math strands so students gain strong conceptual understanding of the math. An overview of what spatial reasoning will be given as well as how to 'spatialize' the Alberta math curriculum. Spatial activities that use manipulatives, visual representations, and technology will be explored. The power of visualization and related activities will also be investigated.

**\*\*This learning opportunity is being provided through funding from Alberta Education\*\***

**About the Presenter(s):****Diane Stang**

Diane Stang has been an educator for nearly 35 years, working in various roles in the public and private sector. She began her career as a classroom and special education teacher, and later, as a systems resource coach. Next, she became a student achievement officer for the Ontario Ministry of Education, supporting educators in all subject areas, especially in mathematics. She has also been a provincial math facilitator for the ministry, with a special focus on supporting students with learning disabilities in math. In conjunction with her ministry work, Diane has developed professional learning math video resources. Diane is now working as a math consultant for Ontario school boards and most recently, for Scholastic Canada. She also offers a variety of engaging presentations and workshops on math, both online and at conferences.