

## Spatial Reasoning Across the Math Strands (K-8)



PRESENTED BY

**Diane Stang**

SERIES SESSIONS

Date	Time
January 26, 2018	8:30 AM - 3:00 PM



LOCATION

**St. Leo Centre - 6220 Lakeview Drive SW**

FEE

**\$25.00**

QUESTIONS?

Contact Us:

[crc-register@arpc.ab.ca](mailto:crc-register@arpc.ab.ca)  
[403-291-0967](tel:403-291-0967)

REGISTER ONLINE

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### Program

**TARGET AUDIENCE: ALL K-8 MATH TEACHERS ARE ENCOURAGED TO ATTEND**

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 spatial reasoning will be given as well as how to 'spatialize' the 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 offered through curriculum implementation from Alberta Education.*

### Presenters

#### 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.

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## Registration Notes

Please note lunch is not included.



**Providing Quality Professional Learning  
Opportunities to K-12 Education Staff**