



**PROGRAM
ANNOUNCEMENT
Spring 2025**

Essential Mathematics for Developing Algebraic and Geometric Thinking in the Middle Grades (Grades 6-8)

**Wednesdays: January 29 and February 5 (9:00 am – 2:00 pm)
in the RUSMP classroom, 5615 Kirby Drive, Suite 300**

This course is designed for middle school mathematics teachers who are seeking a strong foundation in algebra and geometry for Grades 6-8. The course provides strategies for developing students' algebraic and geometric reasoning and emphasizes the use of mathematical models and representations, and symbolic reasoning. Concepts are aligned with the TEKS.

The topics that will be explored in this course include:

- Proportional and non-proportional reasoning
- Function families through multiple representations
- Solving equations
- Lines and angles
- Perimeter, area, and volume
- Triangles and the Pythagorean Theorem
- Algebraic and geometric transformations

Each teacher will receive course materials and professional development credit.

Enrollment is limited.

For information and a link to the online application, please visit the RUSMP web site at <https://rusmp.rice.edu/register/teachers> or contact:

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