



RICE UNIVERSITY
School Mathematics Project
Spring 2024
Exploring Algebraic Reasoning (Grades 3-5)

Tuesdays: February 6, 13, 20, and 27
4:30 p.m. – 6:30 p.m. in the **RUSMP classroom, 5615 Kirby Drive, Suite 300**

This course is designed for elementary teachers who are seeking to strengthen their understanding of algebraic reasoning. The primary focus of the course is exploring algebraic thinking with an emphasis on mathematical processes and utilizing student centered activities that promote success. Concepts are aligned to state and national standards.

- Algebraic thinking and symbolic reasoning
- Number theory through patterns
- Tools for problem solving
- Underpinnings of algebraic thinking as it relates to number and geometry
- Use of manipulatives and technology to explore concepts
- Differentiating instruction
- Test-taking strategies

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:

Dr. Anne Papakonstantinou
RUSMP Director
713-348-6076
713-348-5428 (fax)
<http://rusmp.rice.edu>