



**RICE UNIVERSITY**  
**School Mathematics Project**  
**Spring 2024**

**Can You Prove it?**

**Thursdays:** February 1, 8, 15, and 22

4:30 p.m. – 6:30 p.m. in the **RUSMP classroom, 5615 Kirby Drive, Suite 300**

Join this fun and relaxing short-course. Prove some of Anne's favorite theorems and share some of your favorites. Proof and justification are the cornerstones of mathematics. This course is designed for teachers who are seeking to review approaches to construct mathematical proofs. We will prove statements using a variety of methods – direct proof, contradiction, the law of contraposition, and mathematical induction, and will read classical proofs of important theorems.

The purpose of this short course is to help teachers develop students' mathematical reasoning so that students may confidently read and construct proofs. I promise it will be enjoyable doing math with others who also love math!

Each teacher will receive course materials and professional development credit (12 hours).

**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  
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713-348-6076  
713-348-5428 (fax)  
<http://rusmp.rice.edu>