



# TULSA GIRLS' MATH CIRCLE

A Math Circle is a group meeting of professional mathematicians and students who work together to solve challenging and interesting problems. The goal is to have fun working on problems and kindle a passion for mathematics.

The Tulsa Girls' Math Circle is open to girls from the Tulsa area in grades 6, 7, or 8. Meetings will be held on the campus of the University of Tulsa on Tuesday evenings from 6:00 to 8:00 pm. Faculty from the University of Tulsa, local educators, and outside speakers will participate.

If you are a girl in grade 6, 7, or 8 who:

- **Loves to solve problems**
- **Is curious about mathematics and using what you've learned**
- **Would like to meet others who share your enthusiasm for mathematics**

Then the Tulsa Girls' Math Circle might be for you!

Application Forms are available at <http://tgmc.utulsa.edu>. Applications are accepted throughout the year for the fall, winter or spring quarters.

For more information, please contact: Dr. Donna Farrior, 918-631-3674, [donna-farrior@utulsa.edu](mailto:donna-farrior@utulsa.edu)

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Join us for an **Open House** to learn more about the Tulsa Girls' Math Circle.  
Allen Chapman Student Union Great Hall B  
The University of Tulsa  
Tuesday, September 29, 2015  
6:00 to 7:00 pm

**Tulsa Girls Math Circle 2015 – 2016 Schedule**  
**Tuesdays, 6:00 – 8:00 pm**  
**Please enroll for any quarter at least a week prior**

<b>Fall 2015</b>	<b>Winter 2016</b>	<b>Spring 2016</b>
October 13	January 12	March 22
October 20	January 19	March 29
October 27	January 26	April 5
November 3	February 2	April 12
November 10	February 9	April 19
November 17	February 16	April 26



# TULSA GIRLS' MATH CIRCLE

A math circle is a group of people who work together to explore new mathematics. Sessions are informal, fun, and consist of students and leaders working together on a series of problems. Our math circle will be focused on the interests of girls in grades 6-8. We are part of the National Association of Math Circles, <http://www.mathcircles.org/>.

## ***Who should come to the Tulsa Girls' Math Circle?***

Any intellectually curious and highly capable girl who is in grade 6, 7, or 8 from any school in the Tulsa area. Students should have an interest in mathematics and willingness to learn new ideas. The sessions are informal and interactive and include problems to help develop the ideas needed to attack new topics.

## ***What are some things that we will do at our math circle?***

- Work with fellow students in solving lots of problems.
- Look for interesting patterns, make conjectures (guesses), and try to determine when they are true.
- Learn how to make sense of an unfamiliar problem.

## ***What are some things we will not do at our math circle?***

- Lecture.
- Work on homework, study for school classes, or receive tutoring.
- We will not make assignments that must be done outside of our meetings. We will give optional reading or problem sets for interested students.

## ***Who will conduct the math circle sessions?***

Presenters will be drawn from University of Tulsa faculty and area educators interested in problem solving. Graduate and undergraduate students from the University of Tulsa will also be presenters and mentors.

## ***How will coming to a math circle help a student?***

The rewards from attending the math circle include: the thrill of solving difficult problems, friendships with students and professional mathematicians from across the area who share an enthusiasm for mathematics, development of problem solving skills which will carry over to learning new material for a lifetime.

## ***What is the cost of attending the Tulsa Girls' Math Circle?***

It is free to all students. The Tulsa Girls' Math Circle is an outreach program of the Department of Mathematics and the College of Engineering and Natural Sciences at the University of Tulsa.

## ***How do I get started?***

An application form is available on our website: <http://tgmc.utulsa.edu>. You can join the math circle by submitting an application for the fall, winter or spring sessions. For any information, contact Dr. Donna Farris, [donna-farris@utulsa.edu](mailto:donna-farris@utulsa.edu) or Dr. William Coberly, [coberly@utulsa.edu](mailto:coberly@utulsa.edu), 918-631-3674.