

Come to Oklahoma State University for a

Math Workshop

to celebrate Sonia Kovalevsky Day!



This workshop is open to **all area middle school and junior high students, grades 6-9**, and is **free — including lunch**. Our goal for this workshop is to **increase girls' interest in mathematics**, assist them in the transition to high school math and encourage their pursuit of STEM disciplines. The workshop is **open to all genders!**

Join us for
Sonia Kovalevsky Day
April 20, 2024 9 a.m.-4 p.m.
in the MSCS building
on the OSU campus!

You will enjoy three hands-on workshops, including:

- **Golden Ratio: Math in Nature**

Have you ever thought that math and nature were worlds apart? Well, they may be more related than you think! We are extremely excited to lead you through some extraordinary properties of the Fibonacci numbers and the Golden ratio!

- **Geometry**

We know a lot about how to classify rigid 2D shapes, but what about rigid 3D shapes? And what happens if we think about letting each side of our shape be rubber? Spoiler alert: the earth and a banana become the same shape! Come learn some geometric topology with us!

- **The Coloring and Scheduling Problems**

Do you like math AND coloring? Do you and your friends have busy schedules and want to plan more efficiently? If you answered yes to either question, then join us and learn how graph theory (and I'm not talking about XY graphs) can be used to solve these questions and do some coloring in the process.

The Department of Mathematics at **Oklahoma State University** and the OSU Student Chapter of the **Association for Women in Mathematics** are hosting this workshop on **Sonia Kovalevsky Day**.

Kovalevsky was a 19th-century mathematician, advocate of women's rights and **pioneer for female mathematicians** around the world.

Space is limited — learn more and register at

https://cas.okstate.edu/departments_of_mathematics/events_and_conferences/sonia_kovalevsky_day/
by April 1, 2024



DEPARTMENT OF
MATHEMATICS
College of Arts and Sciences



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