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Free & Fun

*Sonia Kovalevsky
Mathematics Day*

for High School Girls



*Mathematics Department
Western Oregon University*

www.wou.edu/math/sk

Saturday, February 27th

9:15 a.m. ~ 3:00 p.m.

Registration Deadline Feb. 19th

Registration Form

Schedule of Events

9:15-9:45 a.m.

Registration

Columbia Room
Werner University Center

9:45-10:00 a.m.

Welcome & Opening Address

Dr. Kent Neely
Provost
Dr. Cheryl Beaver
Mathematics Department

10:00-10:45 a.m.

Three concurrent hands-on sessions

Paper Capers: Fold and Cut Magic:

What can you make by folding a piece of paper and cutting it just once? A butterfly? A fish? Find out in this math-a-magical session.

The Chaos Game: We will be discovering facts about Sierpinski triangles, and their connections to random events. In the Chaos Game, we will employ an alternative method for generating the Sierpinski triangle.

Walk the Path: How well can you walk along a curved path? Find out as we use velocity sensors to track your progress as you try to “walk the path”.

10:45-11:30 a.m.

Campus Tour

11:30 a.m.-12:15 p.m.

Three concurrent hands-on sessions

(Paper Capers, Chaos Game,
Walk the Path)

12:15-1:15 p.m.

Lunch

1:15-2:00 p.m.

Three concurrent hands-on sessions

(Paper Capers, Chaos Game,
Walk the Path)

Resource Session for Teachers

Brian Hanna
Mathematics and Nursing Building 110

2:00-3:00 p.m.

Math Fair

An afternoon of student-centered, hands-on, all-inclusive problem solving. Working with mathematics students from Western Oregon University, participants will help to solve interesting and exciting problems and win fun prizes.

Door Prizes Awarded

Name: _____

Grade: _____

School: _____

Teacher's Name: _____

Home Address: _____

Phone: _____

Email: _____

Contact person, in case of emergency:

Dietary Restrictions: _____

Register soon—space is limited!

Please return application to:

Mathematics Department
Western Oregon University
345 N. Monmouth Avenue
Monmouth, OR 97361