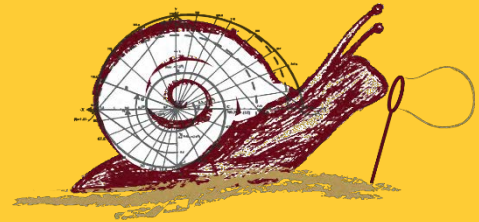


FSU MATH FUN DAY

SCHEDULE OF EVENTS

FEBRUARY 1, 2020 1:00PM – 5:00PM

Sponsored by:
College of Arts & Sciences
Department of Mathematics



ACTIVITY ROOMS – 1st and 2nd Floor of the LOVE BUILDING

Activity rooms are an open house style event, where people can come and go.

LOV 101: Math Escape Room – Ghosts of FSU (Sign-up Required Outside the Room) – Grades 5+
Ghosts from FSU's past have cursed you and trapped you in a room. Use your mathematical knowledge to unlock clues to the ghosts' past, break the curse, and escape. Each session is limited be sure to sign-up outside the room!

LOV 102: Fractals – All Ages

Fractals are infinitely repeating patterns. Learn what fractals are, and come create your own in 2D and 3D using geometry or a computer!

LOV 103: Math in Nature – All Ages

Organized by the FSU Student Undergraduate Mathematics Society
Discover where math appears in nature, music, art, DNA, plants, and animals.

LOV 104: Secret Codes and Puzzles – Grades 5+

Create your own secret codes and ciphers find out how to decipher messages! Be challenged by other mathematical puzzles and riddles! Special workshop on Secret Codes 4-5pm! Workshop space will be limited.

LOV 104A, 1 – 3pm: Polygons Through Programming – Grades 4+

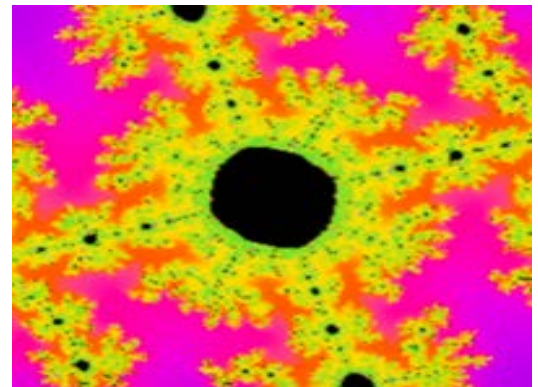
Work through a set of programming challenges related to mathematical ideas about polygons in the Scratch programming environment.

LOV 106: Easy as Pi with Featured Faculty – All Ages

Join faculty in a variety of hands-on mathematical activities. Activities with numbers, shapes, and software defined radio are some of the things you can try! Or just come and chat about math!

LOV 107: Mathematical Games – All Ages

Try your hand at 3D tic-tac-toe and other games. Learn mathematical strategies for playing various games!



Other First Floor Activities

Sea-to-See touch tanks: discover the mathematical intricacies of the snail shell.

Awesome bubbles with 3D shapes!

Outside: Try our π endulum and obtain π in unusual ways!

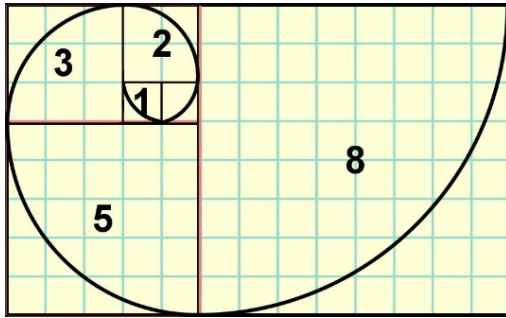
Support FSU Student Math Societies: purchase snacks or your very own Math Fun Day t-shirt!

SECOND FLOOR

LOV 200: Women in Mathematics – All Ages

Organized by the FSU Student Chapter of the Association of Women in Mathematics

Hands on activities demonstrate where women have made mathematical discoveries.



LOV 201: Symmetries and Patterns – All Ages

Explore geometries through easy to make models. Find hidden symmetries by folding your own hexaflexagons and origami shapes. Try our challenges and puzzles.

LOV 204B: Geometric Constructions – All Ages

Build polyhedral and other shapes with mathematical construction tools, such as Zome.

Easy as Pi with Featured Faculty

Join faculty in a variety of hands-on mathematical activities.

Recommended for all ages.

LOVE BUILDING ROOM 106

Dr. Samuel Ballas, Assistant Professor, Department of Mathematics

What is a Steinhaus longimeter? Learn how to measure the lengths of curves using this interesting device that was invented by a mathematician.

Dr. Arash Fahim, Associate Professor, Department of Mathematics

Improve your mathematical skills with a variety of games using dice and numbers.

Dr. Aseel Farhat, Assistant Professor in the Department of Mathematics

Polyominoes are used in the games of Blokus and Tetris. Try out some new math games and puzzles!

Dr. Jon Ahlquist, Associate Professor of Meteorology

Software-Defined Radio (SDR) is the future of radio communication! Become part of this fast-developing technology where most of a traditional radio is replaced by a computer and software.

Time: 2:30-4:00pm

LOVE BUILDING ROOM 104

Dr. Giray Okten, Professor of Mathematics

Join us for a special workshop on secret codes. Encode and decode your own messages!

Workshop space is limited.

Time: 4:00-5:00pm

Recommended: Grades 5+

If you would like to support FSU Math Fun Day and other outreach activities, please become a Friend of FSU Math

www.math.fsu.edu/Membership

Like us on Facebook: FSU Math Fun Day



Thank you for coming!

Dr. Monica Hurdal, Professor of Mathematics

and Director of Math Fun Day

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We hope to see you next year!