

Recapture the loy of Mathematical Creativity

If you truly love Math, then This is the place to be!

Thursdays

4-6pm

Room 2-225, Academic Building, **Kettering University** 1700 West Third Avenue Flint, MI 48439

Middle School students, High School students and College students who truly love math and are interested in exploring deeper aspects of mathematics will enjoy our sessions tremendously.

$$\lim_{n \to \infty} \frac{1}{n^p} = 0 \text{ if } p > 0$$

Come Join Us.

Let's Have Fun With Math in a Relaxed Yet Supercharged atmosphere! Email us: mathcircle@kettering.edu

$$||f||_p = \left(\int |f(x)|^p dx\right)^{1/p}$$

FLINT MATH CIRCLE

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E-mail: mathcircle@kettering.edu

- Number Theory Abstract Algebra
- **Chaos Theory**
- **Probability and Statistics**
- **Applied Math**
- Geometry
- Foundations of Computing
- Cryptography
- Game Theory Artificial Intelligence

Each week, we choose an exciting mathematical theme/topic, and we invite a great mathematician—who is a specialist in that topic—to come and animate the session. You, the young math enthusiast then join us at the Flint Math Circle on Thursday, at 4pm, and explore the amazing facets of Math along with other young enthusiasts, all in the company of an academically active accomplished mathematician. Our sessions are interactive. You are not given answers! You are provided with hints to guide you in the right direction, so that you

- we also bring in experts on creativity to help unleash your creative genius. Our topics include: Examining the connection between rearing rabbits and Internet security.
- Exploring Mathematical Coincidences (The Famous Birthday Problem).
- Probing the Intricate Mathematics behind Video Games.
- How does Combinatorics help find the Odds of Winning the Jackpot?
- Fractals, Chaos theory and Mathematical Art: How are these related?
- What are Probabilistic Matrices? How do they help figure out the Gambler's ruin?
- How is Mathematics used in Forensic Science to decipher crimes?

If you are interested in joining the circle, please visit our website for more information, or send an email to mathcircle@kettering.edu with your name, email address and info.

end up discovering the answer for/by yourself. Clearly, that sharpens your creativity. In fact,



