



One on Epsilon

Nurturing Mathematical Curiosity



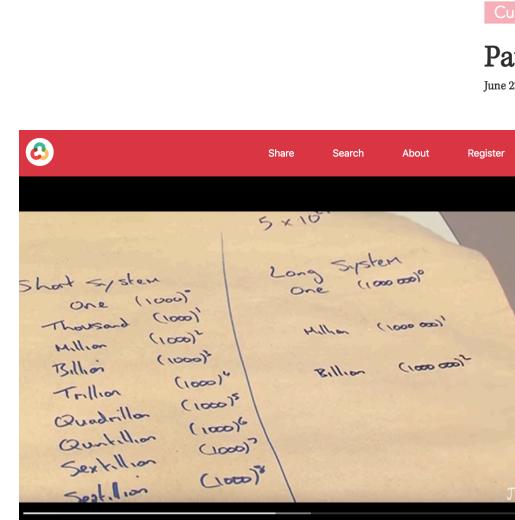
$$\sqrt{-1} \quad e^{\pi i} + 1 \quad \sum_{k=1}^{\infty} \frac{1}{k}$$



Epsilon Stream

Watch, Play and Explore Mathematics

The screenshot shows the Epsilon Stream website's home page. At the top, there is a red navigation bar with icons for Home, Share, Search, About, and Register. Below the navigation bar, the text "epsilon stream home" is displayed. On the left side, there is a sidebar with several items: "Curious Epsilon" (one on Epsilon's blog post series), "Recent Editors' Picks" (watch this month's picks), "Editors' Picks Archive" (all our monthly editors' picks), "One on Epsilon News" (updates about products and events), and a microphone icon for updates. In the center, a modal window titled "What are adjacent angles?" is open. It contains text explaining that adjacent angles share a common vertex and ray, and that angles DXE and EXF are adjacent angles. Below the text is a diagram showing three rays originating from a common vertex X: one pointing up-left labeled D, one pointing up-right labeled E, and one pointing down-right labeled F. A blue "OK" button is at the bottom right of the modal.



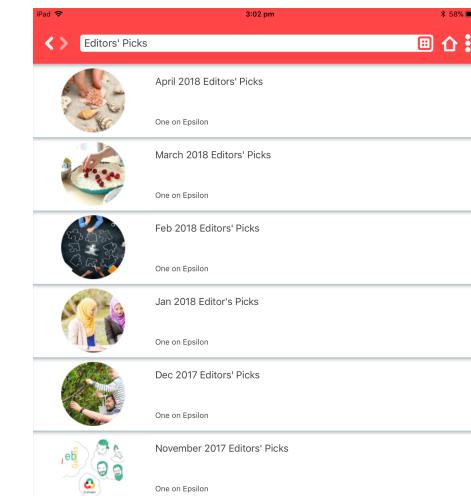
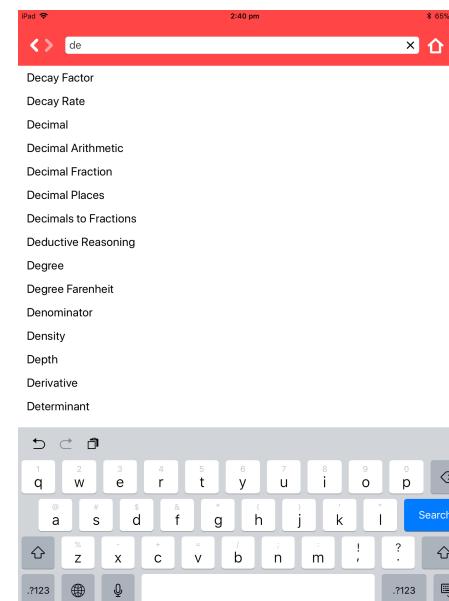
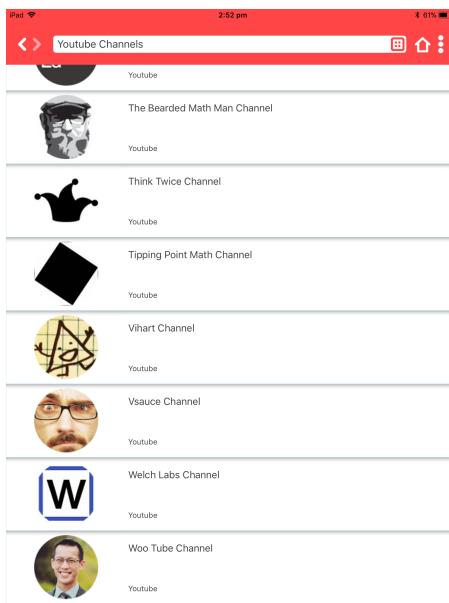
Curious Epsilon

Patterns in polygonal numbers

June 22, 2018 Phillip Isaac



have a favourite pattern? In fact, what is the first thing that comes to mind when you that question? I love gardening, and for me, one of the most fascinating things about plants is to see the patterns in how they grow. For example, is the leaf arrangement opposite or alternate? Is the leaf form compound or simple? What colour flowers? Identifying such patterns allows us to *classify* the type of plant, which helps to a better understanding of what grows in our garden. So, what does this have to do with mathematics?



Our Team



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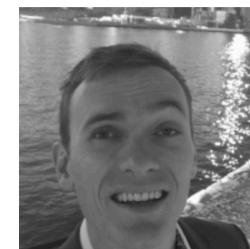
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Nurturing Mathematical Curiosity

Our Vision: A world where mathematical curiosity is cultivated through exploration.

Our Mission: Delivering engaging curated mathematics through innovative software and content.

Our Values:

- Everyone is capable.
- Anyone can build a mathematical mindset.
- Learn the “how” while understanding the “why”.
- Joyful mathematics.
- Global mathematics.
- A team of diverse educators creates outstanding products.



Major Partnerships and Affiliations



**GLOBAL
MATH
PROJECT**

Uplifting Mathematics for All

**BUZZ
HUNTER**

 **EduGrowth**

Connecting and Collaborating to Accelerate
Australia's EdTech Ecosystem Globally



Community Events

University of Queensland lecturer inspires tiny mathematicians

Lorraine Sathicq

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Photo: [Lorraine Sathicq](#)

Photo: [Lorraine Sathicq](#)

"One on Epsilon" מפגש מתמטיקה עט ידי יוני נזרתי מורה בברנשטייך וספסטיקס קאנפראיסיט קוונטונד אסתטורי שירע בערבי ויד חמוץ שיער' ביש (27.6.18) בשעה 12:30 במלון טיאגו, רוד הומניטה בנג'י וחומי קומו נכסה הלהקה.

בכינוס: מפגש המתמטיקה הראשון לילדי יוניברסיטת ברנשטייך וספסטיקס קאנפראיסיט קוונטונד אסתטורי שירע בערבי ויד חמוץ שיער' ביש (27.6.18) בשעה 12:30 במלון טיאגו, רוד הומניטה בנג'י וחומי קומו נכסה הלהקה.

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Get Irrational, Impress your Kids February 25, 2017 Yoni Nazarthy

A Formula for the Personality of a Number March 24, 2017 Yoni Nazarthy

ε = $\prod_{k=1}^n p_k^{a_k}$

ε = $\sum_{n=1}^{\infty} \frac{1}{2^n}$

ברוך שם שם יי



Mathematical Markov Chains, Jazz Music, and Curious Circles in North Carolina.

A Mathematical Jazz Morning
by Nadav Nazarathy and Yoni Nazarathy

[Natural Math -- One on Epsilon -- Nadav Nazarathy Piano](#)

Tuesday, July 18, 9:30am – 11:30am

You don't need to be a *musician* to enjoy jazz and you don't need to be a *mathematician* to explore Markov chains. Join brothers Nadav and Yoni for an exploratory musical math morning in Chapel Hill, NC.

The basic idea of a Markov chain is the concept of state.





Youtube Mathematics Experts

- Following over 60 channels closely
- Monthly Editors' Picks
- Daily featured video Tweets @OneOnEpsilon

Youtube Channels

- Youtube
- The Bearded Math M
- Youtube
- Think Twice Channel
- Youtube
- Tipping Point Math C
- Youtube
- Vihart Channel
- Youtube
- Vsauce Channel
- Youtube
- Welch Labs Channel
- Youtube
- Woo Tube Channel
- Youtube

Nurturing Mathematical Curiosity

Tweets 408 Following 1,473 Followers 1,962 Likes 190 Lists 1 Moments 0

One on Epsilon @OneOnEpsilon

The makers of the free Epsilon Stream App - Watch, Play and Explore Mathematics. Daily tweets feature great

Tweets **Tweets & replies** **Media**

Pinned Tweet

One on Epsilon @OneOnEpsilon · Jun 23 Curious Epsilon: Grow your triangles, squares, pentagons and more... explore the patterns that emerge.

Your Tweet activity Your Tweets earned 5,200 over the last 28 days View your top Tweets

April 2018 Editors' Picks

April 12, 2018 One on Epsilon Team



Here we present some of the best mathematics videos that our content team has curated this month. Our free [Epsilon Stream App](#) presents you with the best selection of curated mathematics videos, blog posts and games. You can search the App for almost



Curious Epsilon

Blog Posts

Nurturing Mathematical Curiosity

Students

Teachers

Parents

Enthusiasts

A Formula for the Personality of a Number

March 25, 2017 Yoni Nazarathy



Thinking outside the coordinate plane

March 2, 2018 Clara Valtorta and Phillip Isaac



What factors make up a person's personality? There are many but I don't think that the answer is as simple to understand than human behavior.

What do kale, coral, and potato chips (crisps) have in common? It turns out that the surfaces of these objects have an unusual type of geometry. Recently Clara and Phil were talking about such objects, in particular their surfaces. It reminded Clara of her days as a student. Quickly the conversation turned to math.

Get Irrational, Impress Your Kids

February 25, 2017 Yoni Nazarathy



son is currently very curious about big numbers. For example, the number of seconds in a day, 86,400, the number of minutes in a year, 52,704, the number of stars in the Milky Way, estimated at around 300 billion, and so on.

the other hand, have grown out of being in denial. They have already comprehended that there is not a single answer to this question.

Do you pay 99 cents or 1 dollar?

June 2, 2017 Coco Bu



Choosing a Fair Estimate

May 27, 2017 Yousuf Marvi



with prices such as \$1.99 or \$36.99 as well. This makes us feel that we are paying a lot of money.

title of water that was priced \$0.99 at a gas station.

Imagine you went out to dinner with a group of nine friends. You enjoyed the dinner a



The Business, where to...



2018:

- Reach and sustain 3,000 Unique Daily Engagers
- Continue to understand tutoring market
- Improve Data Science / Machine Learning company insights

2019:

- Develop **Epsilon Coach**, Personalised Learning Augmentation System
- Seek significant investment
- Maintain and build Epsilon Stream / Curious Epsilon / Community activities

2020:

- Begin generating revenue