LESSON PLAN (How to GERRYMANDER!) 🦎

By the 2023 Math of Democracy Class 🦎🦎🦎🦎🦎🦎🦎🦎🦎🦎

- Gerrymandering - 99% Invisible 🦎
- Salie 🦎
- NY Times game 🦎
- Example from Washington Post 🦎
- Johnny 🦎
- https://fivethirtyeight.com/tag/the-gerrymandering-project/ 🦎
- How to write gerrymandering 🦎
- Boardgame 🦎
- MUSIC 🦎
- Gerry amdering resource (⚠️IMPORTANT ⚠️) 🦎

Mapmaker: The Gerrymandering Game
April 10, 2019 ·

Thank you Arnold Schwarzenegger for being our biggest Kickstarter supporter (ordering 9 copies for the Supreme Court, 32 for governors, and 37 for state legislators). We were so honored to meet you in DC and inspired by your work in the fight to terminate gerrymandering.

https://www.kickstarter.com/.../mapmaker-the...

▼ What is the isoperimetric inequality?

For a closed shape.

$A \leq \frac{L^2}{4\pi}$

$L^2 \leq \frac{4\pi}{A}$

$\frac{A}{L^2} \leq \frac{1}{4\pi}$

▼ Proof with circle

$r = 3$

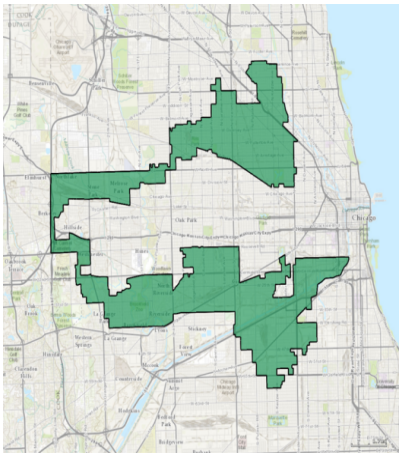
$A = \pi a^2$

$L = 2\pi a$

$\frac{\pi a^2}{(2\pi a)^2} \leq \frac{1}{4\pi}$

$\frac{\pi a^2}{4\pi^2 a^2} \leq \frac{1}{4\pi}$

$\frac{1}{4\pi} \leq \frac{1}{4\pi}$



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