Learn to Use Eventmath – A New Wiki for Sharing Math Lesson Plans Based on Current Events!

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Outline

1. Why Is Teaching Numeracy Challenging?
2. What Resources Address These Challenges?
3. What Value Does #Eventmath Add?
4. What Value Can You Add?
Why Is Teaching Numeracy Challenging?

<table>
<thead>
<tr>
<th>Content</th>
<th>Logistics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Static books and websites</td>
<td>No existing wiki infrastructure</td>
</tr>
<tr>
<td>Inaccessible resources</td>
<td>$$$$$$</td>
</tr>
<tr>
<td>Missing detailed, flexible plans</td>
<td>Time burden</td>
</tr>
<tr>
<td>Lack of feedback on lessons</td>
<td>Technological hurdles</td>
</tr>
<tr>
<td>Dynamic misinformation</td>
<td>Shifting media literacy landscape</td>
</tr>
</tbody>
</table>
What Resources Address These Challenges?

Books

- Expensive materials
- Publishing forces choices about scope and depth
- Not easy to adapt
What Resources Address These Challenges?

Websites

- Not updated often
- No feedback mechanism
- Hard to find
- Not very many

https://serc.carleton.edu/sp/library/teaching_news/index.html

https://www.tas-education.org/numeracy/
What Value Does #Eventmath Add?
Example Lesson Plan

1. What claim is this tweet making?
2. How does it use data?
3. Is that claim supported?

https://twitter.com/Neoavatara/status/1341581271991013376
https://twitter.com/JSEllenberg/status/1341786203738304514

Explain why this actually is a graph of Germany being a success story (relative to the US) would be a great calc test essay question.

Remember: Germany is supposed to be a SUCCESS STORY.
Example Lesson Plan

1. What claim is this article making?
2. How does it use data?
3. Is that claim supported?

Proportions and voting power under the Electoral College

Voters In Wyoming Have 3.6 Times The Voting Power That I Have. It’s Time To End The Electoral College.

11/10/2016 04:52 pm ET | Updated Nov 11, 2017

https://www.huffpost.com/entry/its-time-to-end-the-electoral-college_b_12891764

https://graphics.reuters.com/USA-ELECTION/ELECTORAL-COLLEGE/qzipqaegapx/
What Value Does #Eventmath Add?

Wiki infrastructure
Site design
Made for educators
What Value Does #Eventmath Add?

Wiki infrastructure

- **Living resource**
  - All pages editable
  - Keep content current

- **Open-access**
  - Archived sources
  - Feedback mechanisms
What Value Does #Eventmath Add?

Site design

- Friendly navigation
  - Tabs
  - Search
  - Directory
- Optimized for search
What Value Does #Eventmath Add?

Made for educators

● Easy to find materials
  ○ By math type
  ○ By event type
  ○ By teaching vitals

● Easy to contribute
  ○ Preloaded instructions
What Value Can You Add?

Value already added by...

- Graphic designer
- Proposal endorsers
- Wikimedia Foundation
- Form respondents

And we will add a lesson plan page, together, right now!
I ordered a 9-inch Pizza. After a while, the waiter brought two 5-inch pizzas and said, the 9-inch pizza was not available and he was giving me two 5-inches Pizzas instead, and that I am getting 1 inch more for free! I requested the waiter to call the owner.
Lesson plan idea

Main activity: Students create a “practical guide” that they can use to compare two X-inch pizzas with one Y-inch pizza.

In small groups, students…

1. predict rest of story,
2. calculate and compare,
3. explore and share findings.

Source: https://twitter.com/cretiredroy/status/1542351841866153984
I ordered a 9-inch Pizza. After a while, the waiter brought two 5-inch pizzas and said, the 9-inch pizza was not available and he was giving me two 5-inches Pizzas instead, and that I am getting 1 inch more for free! I requested the waiter to call the owner.
1/3
What Value Can You Add?

Attend a **workshop**!

1. Live help
   a. Work with a partner
   b. List of sources
2. **Community-building**
   a. Create a user page
   b. Meet QR/QL educators
   c. Share your result online
3. **Feedback**
   a. Discuss lesson plan ideas
   b. We learn from you, too!

[https://en.wikiversity.org/wiki/Eventmath/Meetups/Summer_2022_workshops](https://en.wikiversity.org/wiki/Eventmath/Meetups/Summer_2022_workshops)
What Value Can You Add?

Register for Eventmath Workshop

- Wednesday, August 17, 7:00 p.m. – 8:30 p.m. EDT
- Thursday, August 18, 2:30 p.m. – 4:00 p.m. EDT
- Friday, August 19, 10:30 a.m. – noon EDT

https://en.wikiversity.org/wiki/Eventmath/Meetups/Summer_2022_workshops
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Links

- Wikiversity: Eventmath Portal
- Wikimedia: Project Grant Proposal

Thank you! 😊