MATH + TEXAS HISTORY = NEW PROGRAMMING POSSIBILITIES

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MATH + TEXAS HISTORY

- INTRODUCTIONS
- WHY MATH & HISTORY?
- EXAMPLES
- PIONEER FARMS CASE STUDY
- REFLECTIONS
- HANDS-ON TIME
MathHappens Foundation
WHY COMBINE MATH & HISTORY?

* Educators are aware of an “emotional crisis” in math.

* Not one of the 11 is “go to a museum or cultural center”

* Yet one of our biggest challenges is to motivate students to value their math studies.

* History connects us to our community, and also helps us understand other communities and perspectives.

11 ways to help your child enjoy math
WHY COMBINE MATH & HISTORY?

Inspire Educators to bring context to classroom:

“I was at the Oakwood Cemetery last year for the Murder, Mayhem and Misadventure event. There was a cool wooden plumb line with a skull attached to it that was part of a demonstration. I was able to get one and I gave it to a math instructor where I work at ACC. If possible, I’d like to get a couple more for some of the other math instructors to use in class. As you can guess, it is a big hit with the students, as well.”
WHY INTEGRATE MATH INTO HISTORY MUSEUMS?

- The changing educational landscape
- Museum relevance
- Math is not separate from history
- Opportunities for innovative programming
BULLOCK TEXAS STATE HISTORY MUSEUM
PIONEER FARMS
<table>
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<th>Lessons Learned</th>
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<td><strong>MathHappens Foundation</strong></td>
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<tr>
<td>• MANY OPPORTUNITIES</td>
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<td>• CONTEXT INSPIRES BEST CONTENT</td>
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<td>• BE SENSITIVE TO MATH HESITANCIES</td>
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<td>• GROWING INTEREST IN MATH FIELD TRIPS.</td>
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<td><strong>Pioneer Farms</strong></td>
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<td>• IT’S EASY TO INTEGRATE</td>
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<td>• VISITORS ARE PLEASANTLY SURPRISED</td>
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<td>• THERE IS A DEMAND</td>
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ACTIVITY TIME

Brainstorm an activity for your organization

Try a math activity

Time for questions