

## What is a TACTivity?

A tactile activity that encourages collaboration and engagement

Tactile (movable pieces)

Actively engages students

Can be used to help teach or review a concept

Most are designed for groups of 2-4 students

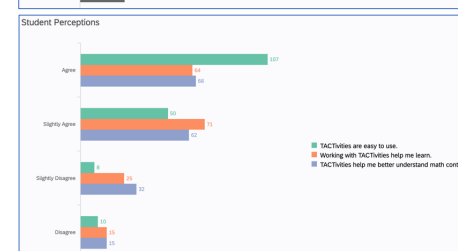
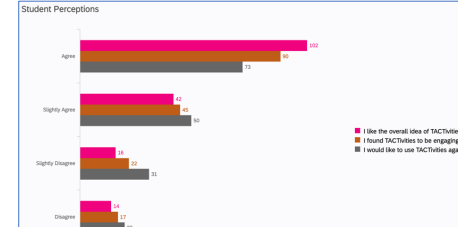
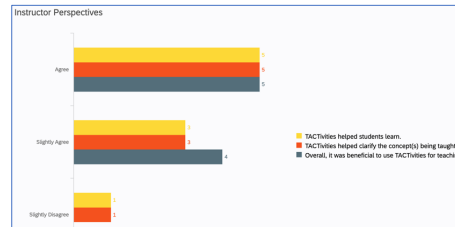
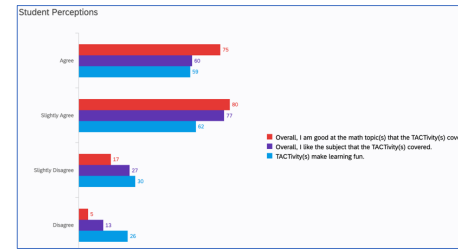
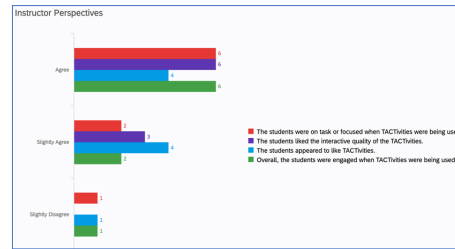
Often self-checking

No moves are permanent

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**Try a TACTivity**

# TACTivities Explored: Understanding Instructor and Student Perspectives in Mathematics Education



## Study Details

Instructor and student perceptions of the use of TACTivities were examined.

### Setting:

25 sections of a coordinated pre-calculus course at the same university

### Student Participants:

N = 163 out of 900 pre-calculus students  
212 students started the survey

### Instructor Participants:

N= 9 out of 13 pre-calculus instructors  
8 of whom were GTAs  
2 had previously used TACTivities

### Data Collection:

Qualitative and quantitative data collected using Qualtrics

### Tools:

Modified CEI and LOES-S/T instruments



Take a picture to access resources or visit <https://tinyurl.com/MathFest2024TACTivities>



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