University of Massachusetts Amherst

ScholarWorks@UMass Amherst

Digital Choice Boards and Interactive Learning Materials for Teachers and Students

Department of Teacher Education and Curriculum Studies

2023

Math Tutoring Choice Board (Version 2)

Sharon A. Edwards University of Massachusetts Amherst

Robert W. Maloy University of Massachusetts Amherst

Torrey Trust University of Massachusetts Amherst

Madeline Hill Univeristy of Massachusetts Amherst

Sara Shea University of Massachusetts Amherst

Follow this and additional works at: https://scholarworks.umass.edu/tecs_ed_materials

Part of the Elementary Education Commons, Science and Mathematics Education Commons, and the Secondary Education Commons

Recommended Citation

Edwards, Sharon A.; Maloy, Robert W.; Trust, Torrey; Hill, Madeline; and Shea, Sara, "Math Tutoring Choice Board (Version 2)" (2023). *Digital Choice Boards and Interactive Learning Materials for Teachers and Students*. 54.

https://scholarworks.umass.edu/tecs_ed_materials/54

This Book is brought to you for free and open access by the Department of Teacher Education and Curriculum Studies at ScholarWorks@UMass Amherst. It has been accepted for inclusion in Digital Choice Boards and Interactive Learning Materials for Teachers and Students by an authorized administrator of ScholarWorks@UMass Amherst. For more information, please contact scholarworks@library.umass.edu.

Code a <u>Scratch</u> or <u>Snap</u> animated story about learning math.



Explore Pixar in a Box and write a script about what life would be like if math was never invented.



Choose a mathematical concept and draw a math comic representing the concept.



Explore the <u>Fibonacci</u> sequence in nature and write a Fibonacci poem.



Evaluate how math is used in digital games (examples: Spent, Qwirkle, Zoombinis, Minecraft, & Among Us). Then design your own game.



Make a stop motion

animation about a story

with math. Then consider:

What roles did math play

in making the animation?

Math Learning
Digital Choice Board

Ideas & Strategies for Teachers & Tutors



Find Interactive Math definitions at Maths Dictionary for Kids

Explore Math and Writing Connections

Bookcase for Young Writers (Ch. 9)

Create a <u>3D monument</u> to honor the <u>achievements of women mathematicians</u>:

Ada Lovelace, Grace
Hopper, Maria Agnesi.



explore voice poetry and write a 2 or 3 voice poem about different methods for solving a math problem of your choosing.



Answer one of the Would You Rather Math prompts and show your process on a Google Jamboard.



Design your own math problem and hear it read aloud using Immersive Reader.



Design, fly and measure paper airplanes, then create a TikTok about how you used math in engineering and design.



Propose a new entry for a <u>Kid-Friendly Dictionary</u> and <u>Pictionary</u> about math terms and procedures.

