



OUR STORIES, OUR SHELVES

MLA • DLA Conference 2026

Using the **M** In:



Engaging Children in Math

STEM Enthusiasts



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What is **STEM**?

STEM is an acronym that stands for 4 education disciplines:



Science



Technology



Engineering



Mathematics



M stands for

M A T H E M A T I C S

Mathematics is the study of numbers, shapes, and logic. We use it every day, in activities such as baking.



Benefits of Mathematics

Analytical Skills

Logical Reasoning

Critical Thinking

Fosters Collaboration

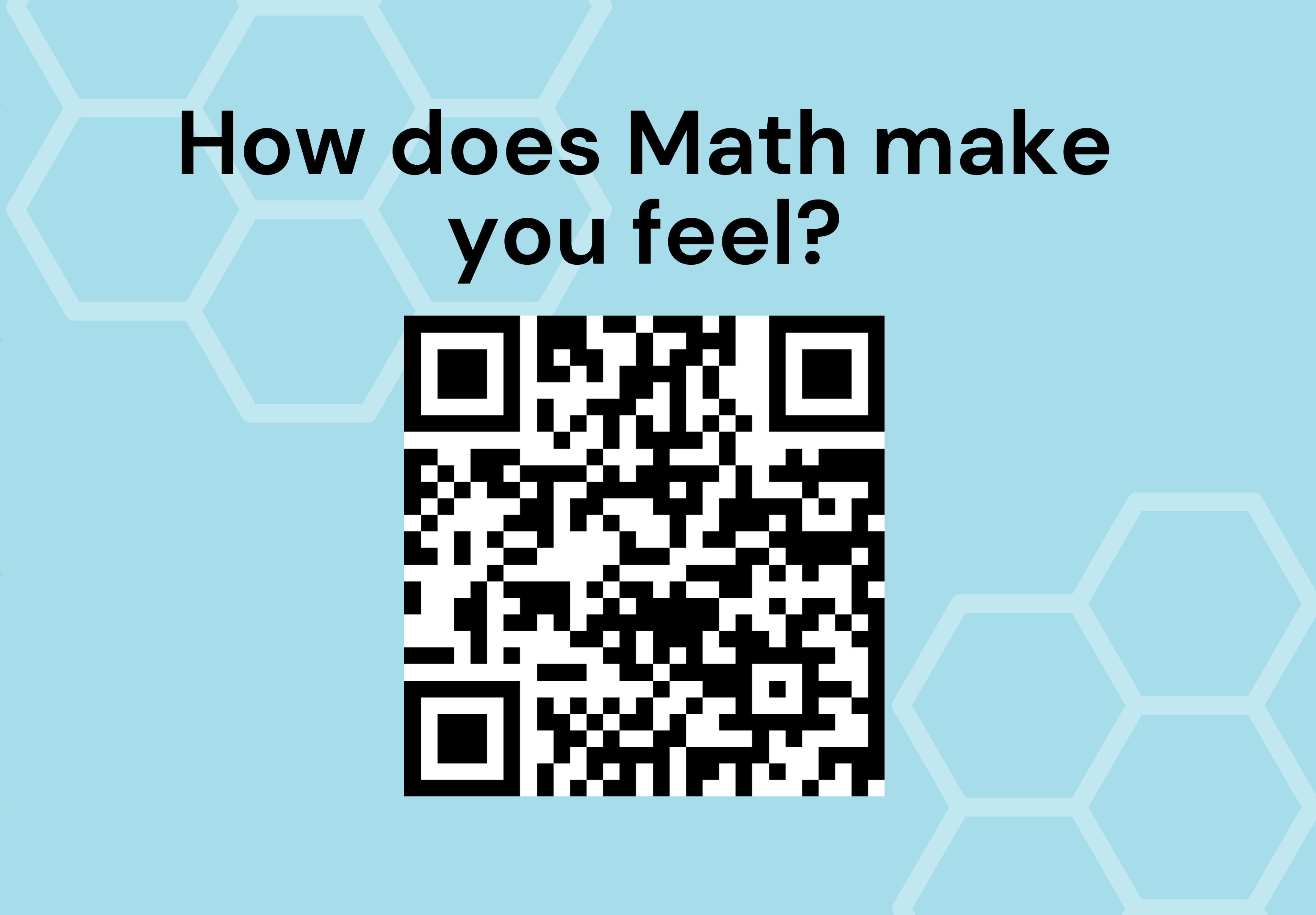
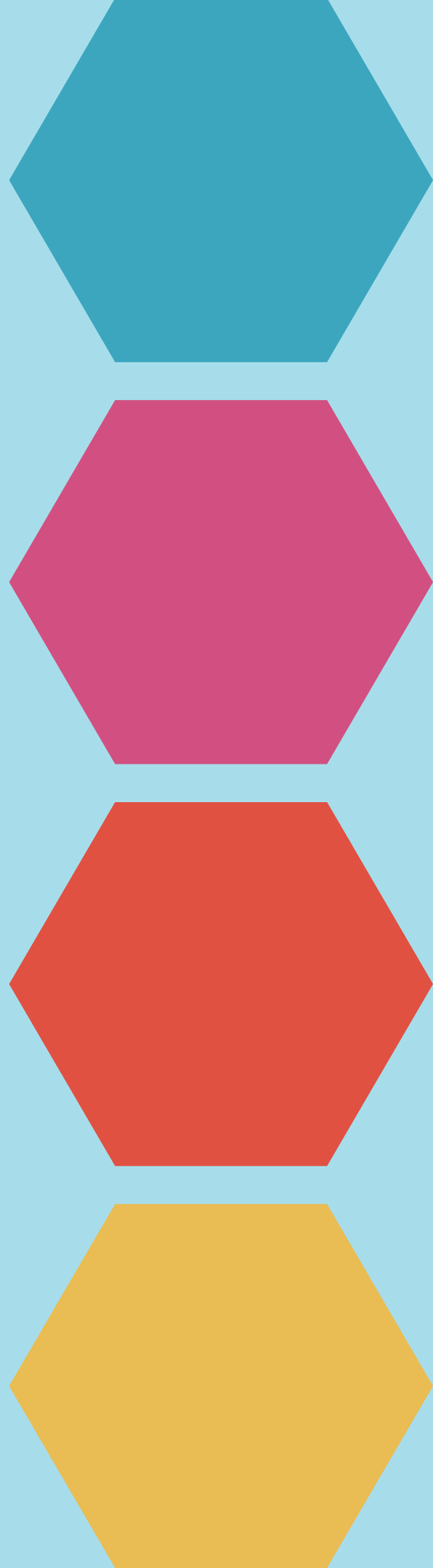
Encourages Curiosity

Problem Solving

Sharpens Memory

Teaches Perseverance

**How does Math make
you feel?**



Roadblocks of Math Learning

Increasing Complexity

Wrong Teaching Style

Fear of Failure

Lack of Practice

Math Anxiety

LIBRARIES

Libraries are low stakes learning environments where kids don't feel pressure to perform.

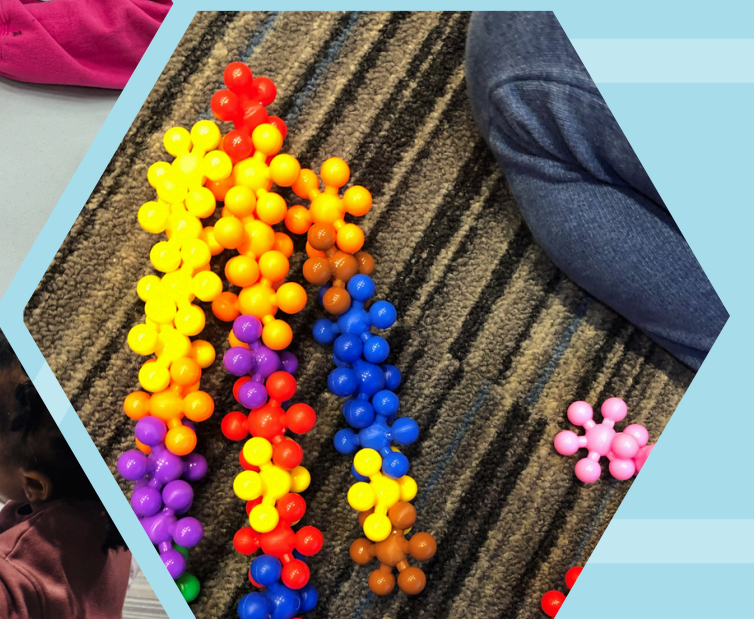
Mathapalooza

- Math Bingo (Elementary/Teens)
- Math Board Games (Elementary/Teens)
- Math Crossword Puzzles (Elementary/Teens)
- Math Obstacle Course (Elementary)
- Measurement Scavenger Hunt (Elementary)
- Optical Illusions (Teens)
- Puzzle Races (Elementary/Teens)
- Tangrams (Elementary/Teens)
- Telling Time (Elementary)
- Math STEM Festival (Preschool)



STATION 1: Early Learning Math Manipulatives

- Button Counting
- Dot Painting Coloring Pages
- Glow Stick Polygons
- Math Stories
- Ready 2 Read STEM Festivals
- Number Puzzles
- Shape Sorters



STATION 2: School-Aged Math Manipulatives

- Coding with Ozobots
- Clock Making
- Glowstick Geometry
- Math Olympics
- Measuring
- Multiplication Relays
- Pizza for Fractions
- Puzzles
- Tangrams

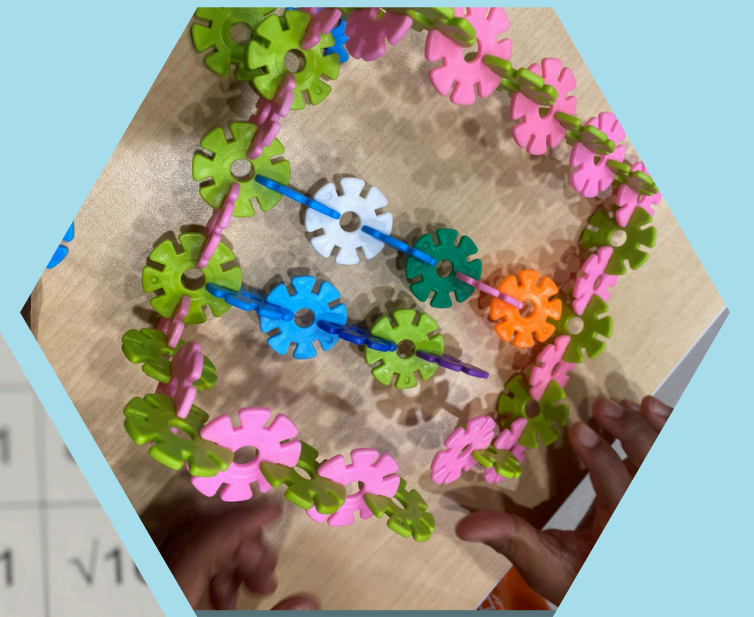


STATION 3: Teen Mathematics

- Crossword Puzzles
- Dominoes
- Legos
- Math Bingo
- Math Board Games
- Math Jeopardy
- Math Relay
- Math Obstacle Course
- Monopoly
- Optical Illusions



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6 ⁰	$\sqrt{49}$	$\sqrt{100}$	6^1	
6^0	2^2	9^1	4^1	$\sqrt{1}$
$\sqrt{4}$	$\sqrt{81}$	Free!	5^1	$\sqrt{3}$
5	1^1	$\sqrt{1}$	3^2	



Resources

[Early Math Webinar](#)

[Free Math Resources](#)

[Gingerbread Man Button Busy Bag](#)

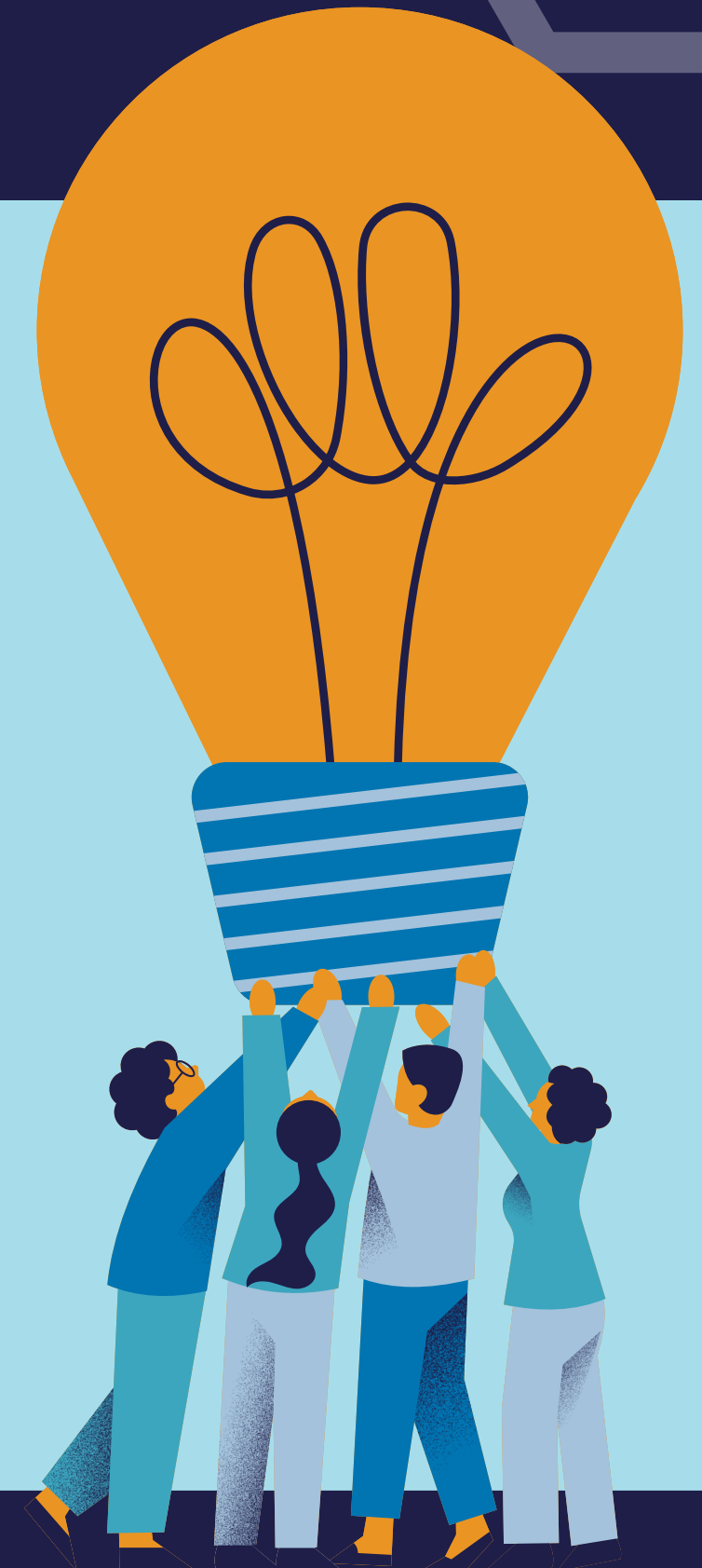
[Illustrative Mathematics](#)

[Jeopardy Math Games](#)

[Math Bingo Cards](#)

[Olaf Bowling Game](#)

[Preschool Early Math](#)



Give Us a Shout!

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**Please take a moment to
complete the program survey.**



SCAN ME!



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