

MathTalk

**Using Technology to Strengthen
the Way We Learn + Play**

www.math-talk.com

MATHTALK + PLL



MathTalk

About MathTalk



▲
For families, MathTalk was created to deliver unique resources, support, guidance, and interactive learning opportunities that make it easy for parents or other adults in children's lives to regularly engage with math, together.



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For children, particularly those from economically distressed communities, MathTalk helps to develop positive math identities by creating regular opportunities to discover and interact with math in their daily lives, wherever they are.

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About “math talk”

The concept of “math talk” is pretty simple—research shows that when parents and young children take time to explore, enjoy, and talk about math together, it sets the stage for positive early math experiences and helps young children view themselves as capable math learners.

But in reality, talking about math isn’t something that comes easily to everyone. In fact, **93% of adults in the U.S. report having at least some level of anxiety about math**. So while every parent *might* want to ensure that their child’s earliest math learning experiences are positive, understandably, many simply don’t know where to begin.



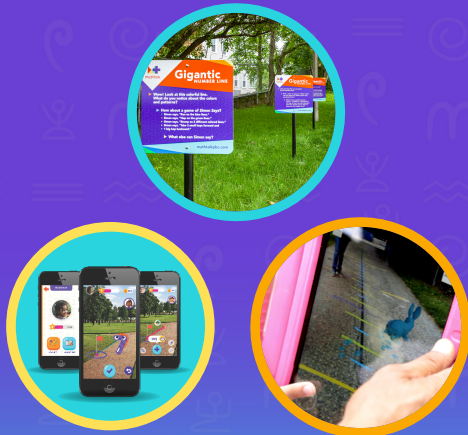
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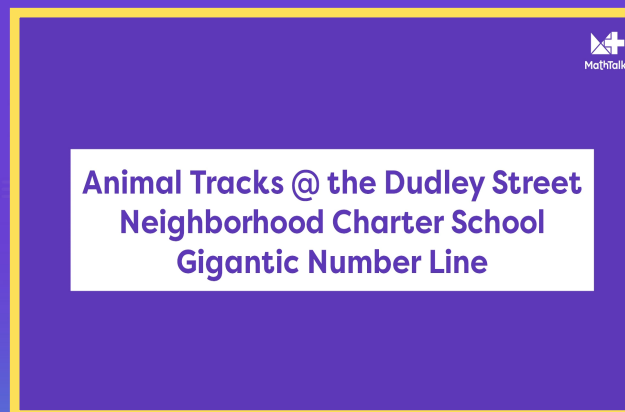
Math Motivation

MathTalk has committed to bringing math conversations to families through multiple platforms:

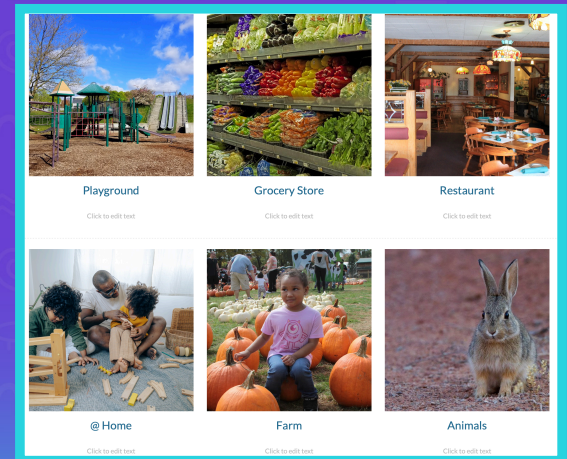
TECH



PUBLIC INSTALLATIONS



PLAYNOW!



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MEASURE EVERYTHING!

Informal math learning can be most effective when it is meaningfully connected to familiar experiences and materials from children's everyday lives
(Nemeth 2017)

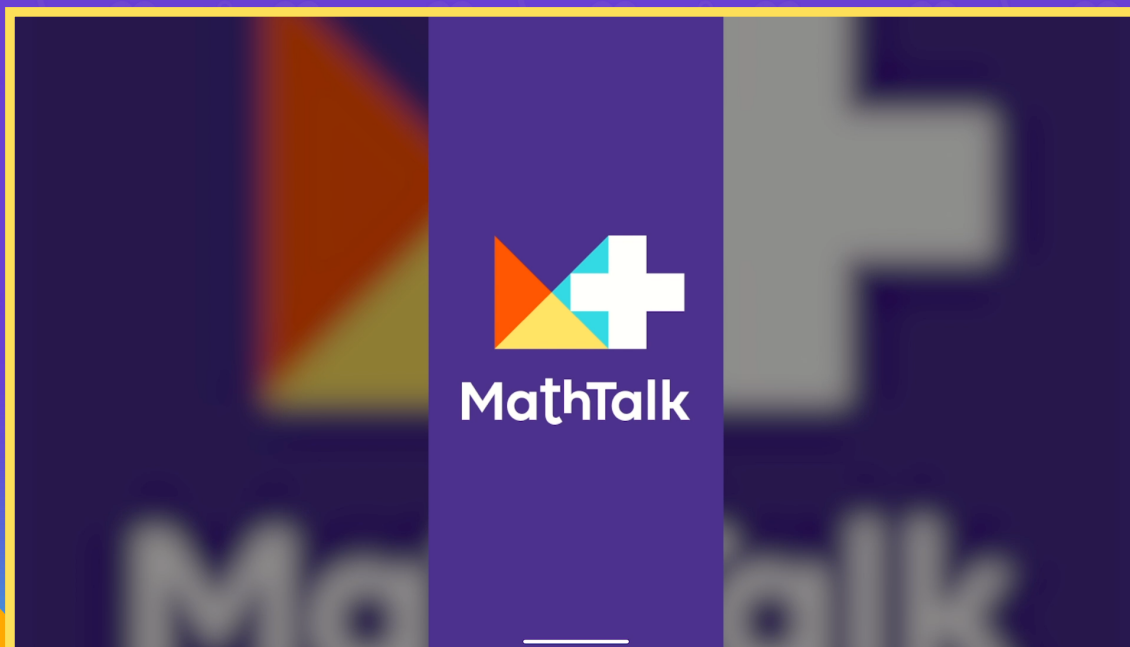


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Measure! Everything!

AR DEMO 1 GNL + MEASURE! EVERYTHING!



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Measure! Everything!



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Measure! Everything!

User Testing in Action

- Parent led support and conversation for younger children
- Independent learning and creation with older children
- Creating opportunities for social conversation with families and caregivers

Going Beyond the Screen

- Online and Digital app-based games have shown to help children learn measurement ¹
- Measure Up! app - was found to improve measurement knowledge for children 4-5 years old ²
- AR is a place-based educational tool that allows children to engage with their environment through play-based informal learning