Bringing Math to Life: Sparking Joy and Curiosity through Play!

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On a scale of doggies tow do you feel about mat	h? 2
I	
3	4





















Why Reframe Math for Children?

- * Math is everywhere and does not exist in isolation in the classroom
- * Math is an organic, beautiful subject not confined to textbooks and worksheets
- * Math can be authentic and connected immediately to children's lives
- * We want children to engage in meaningful inquiries and persevere in challenging tasks
- * Many children grow distant from math through repeated negative experiences
- * We want children to develop into critical producers, not consumers, of information
- * Strong math skills equal a strong workforce in the maths and sciences













Teacher-provided activities are planned and led by the teacher. The teacher takes the lead, selecting the activity, setting the goals, and guiding the process.

Student-initiated activities are those where students lead and explore their interests and choices. Students have autonomy in their learning, making choices about activities, materials, and goals.







How much tin outdoors out	me do your students spend tside of scheduled recess?
	1 - never 2 - once a week
	3 - a few times a week 4 - daily
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Simp	le wooden be	oards
	become	
	RU	
A bridge	A car track	A fort
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The 'recipe' for turning an ordinary moment into a math moment...

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Havighurst, 1952





















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Interactive Math Displays

earthpix - Edward M



A Playground for Mr. Big Legs







Finding a Harvestman arachnid sparked:

- * Rich observation and communication
- * Research, planning and problem-solving
- * Integration of literacy and mathematics
- * Extensive spatial reasoning; proportional reasoning
- * Reflection and revision
- * A greater respect for the nature in our play yard



