

Why is math so difficult?

How Do Our Brains Learn To Do Math?
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Did Your Child Meet Standards on the ISAT?
.....

Why is math so difficult?
.....

Why do our brains learn how to compute differently?

HELP US STUDY LEARNING DISABILITIES!

WHO WE ARE:

Northwestern University's Developmental Cognitive Neuroscience Lab

WHAT WE DO:

We study children's brains, and how they change when learning how to do math.

We use fMRI (Magnetic Resonance Imaging) to measure brain activity. This is a safe and widely used tool, and it is utilized often in clinical practice.

WHOS INVITED:

Children ages 8-16 years old

- Typically developing children
- Children with dyscalculia (math disability). Children with dyslexia (reading disability).

Opportunity for children and parents to participate in a study for the improvement of diagnoses and treatment of children with Learning Disabilities.

WHAT TO EXPECT:

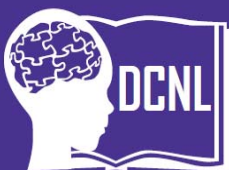
Participants will be asked to participate in:

- Standardized academic testing
- MRI practice sessions while playing math and reading games to become familiar with the MRI procedure.
- Real MRI sessions

Participants who enroll in this study will be paid.

MORE INFORMATION: Principal investigator: James R. Booth, PhD
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NORTHWESTERN UNIVERSITY



Developmental Cognitive Neuroscience Laboratory

If you are interested, please call the Project Coordinator at
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Understanding Disabilities in Developing Brains