Math is important to academic success, the modern workplace, and a STEM oriented future. Unfortunately, not all children perform equally well in mathematics.

Math differences are apparent even before children start formal schooling. To enable the best preventions and interventions, we need to understand why these differences arise in early life.

Here, we investigate ways socioeconomic status influences math in 4-6 year olds. We carefully examine potential mediators such as parents’ teaching abilities and language usage, responsive parenting styles, working memory, and underlying neuro-circuitry.

The study is funded by the National Research Foundation (NRF2016-SOL001-003) NTU-IRB approval ID: 2016-04-015
WE NEED YOUR HELP!
Why do some kids think math is easy but others don’t? Is it because of tuition, memory or even how they play? Be a part of this research journey to understand your child better and also help other kids in school! You will be reimbursed for your participation.

CHILD’S ACTIVITIES
- Computer games
- Paper- & pencil activities
- Activities with parent

PARENT’S ACTIVITIES
- Computer games
- Paper- & pencil activities
- Activities with child
- Questionnaires

CHILD’S ELIGIBILITY
1. SG citizen/ PR
2. Right-handed
3. Exposed to English & Chinese languages
4. No neurological/ psychological disorders
5. Between 4 years 4 months to 4 years 8 months old (anytime in 2019)

WHEN
- 3 sessions over 2 years
- At a time of your convenience
- Reimbursed for each session

WHERE
- Home
- NTU/NIE campus

Interested to know more?
8454 6642

An Institute of
NIE
National Institute of Education
Singapore

facebook.com/space.nie | space@nie.edu.sg |
PI: Dr. Anne Rifkin (6219 6253) | NTU-IRB: 6592 2495/IRB@ntu.edu.sg
NTU-IRB approval number: IRB-2018-04-015
Parental consent and child consent are required for participation.