



MATH CONQUEST

How can you tackle your child's math anxiety?

Most studies have shown that math competency is often a result of hard work rather than genetics. The willingness to keep going, is the result of one's ability to

- (a) get over stereotypical thinking and pessimistic thoughts
- (b) improve building blocks of learning and
- (c) increase questioning behavior – think of math as a great mystery to solve!

Through a carefully crafted programme, we seek to re-structure our children's perceptions of math through fun filled activities that eventually link concepts to application, ultimately overcoming self-defeating thoughts about Math.

WE AIM TO TACKLE MATH ANXIETY THROUGH 3 PHASES

1. Fear Elimination

- Making Math approachable
- Provide an interactive and engaging learning experience
- Provide students with a safe environment to make mistakes

Math Shop till you drop!

Focusing on: Four operations, money, percentage

- Participants indulge in a shopping game, where some participate as buyers and some as sellers. Participants learn to appraise what is a better value, and exchange of cash.
- Participants get to link concepts to play activities
- Participants get to write out their own problem – for the teachers to solve
- Participants get to solve each other's written problem

Be My Architect!

Focusing on: Angles, measurements, ratio

- Participants learn to build a house based on the demands of your clients! Are you able to ensure that the angles and measurements are precise?
- Sell the houses that they've built! Showcase your wonderful designs and link floor spaces and measurements to price.
- Participants get to write out word problems for the teachers to solve, and learn how to use different kinds of measurements.

AND MORE! Through these activities, students will also get involved in constructing and designing questions, placing more focus on the process than the end goal. The next three months will be focused on equipping them with Building Blocks of math success.

2. Building Blocks

- Building foundations and consolidating skills in Math
- Understanding the relationships between numbers and concepts

Participants will be guided through a series of concepts, to ensure that they are well equipped with a set of foundational skills to tackle higher level problems. Each concept will be built upon the previous, and links will be drawn for participants to understand the big picture of Math and that every topic is interrelated! These concepts include:

- Place values
- Four operations
- Fractions

To increase Grit in learning, we will focus the next three months on reprogramming internal set of questioning necessary to do math.

3. Math Detective Bootcamp

- Increase thinking behaviours that seek out strategies
- Provide students with responsibility for their own learning

Participants participate in a cognitive behavioral changing bootcamp that services to:

- Eliminate trial and error behavior
- Increase thinking behaviors that seek out strategies
- Visual transference behaviours
- "Keep going" even as the going gets tough behaviour
- Emphasizing on the process and not the product
- Fostering mutual respect
- Provide students with :
 - Ways of seeing
 - Ways of representing
 - Different pathways to strategies/ideas
 - Different methods
 - Develop self-awareness and responsibility of own learning and others

LEARN. GROW. PLAY.

Help your child to:

1. Change their perception
2. Conquer their fear
3. Build essential and solid foundations
4. Establish connections to different ideas
5. Instill an own sense of responsibility and resilience towards learning



Find Out More!

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