


MATH MY WAY



DOING MATH
DIFFERENTLY

OBJECTIVES:

To serve from a cognitive science & social emotional learning mindset.

To equip people to succeed in math by understanding how they learn and then by finding and filling in their math gaps.

To empower people with their math learning by helping them to believe in their math potential, which will ultimately broaden their career options & life trajectory.

ABOUT US:

Since 2009, teaching Math(s) to Special Education Students

Since 1997, teacher certified

STAFF ACHIEVEMENTS
Coed Special Education
LEGO Robotic Team
· 2018-19 District: Rising Star Award
· 2019-20 District: Champion's Award
· 2019-20 Provincials: Judge's Award

HELLO@:

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BE PREPARED:

WHAT

ARE THE TOP 5+ STRUGGLES IN THE STRANDS

Number

- subitizing
- mental math: number lines
- hundreds chart
- place value
- skip counting 3's and 4's
- bonds of ten
- doubles and halves
- more or less than language
- counting a combination of nickels and dimes
- subtraction with regrouping
- rounding to the nearest ten

Data

- tallies
- pictographs (half an item value)
- interpreting graphs
- interpreting tables
- frequency
- rate
- most of probability

Financial Literacy

- coin names
- counting coins (skip counting when patterns change - collection of dimes & nickels)
- comprehension: if you have \$5 can you buy the \$5.23 cent item or the \$4.95 item
- making change

Spatial

- linear measurement
- estimating measurement
- counting sides and faces
- 2D measurement
- 3D measurement
- rotations
- angles
- time
- nets of 3D shapes
- compass directions
- elapsed time
- unit conversions
- formulas

Algebra

- analogue clocks
- clock phrases (quarter to & quarter after)
- using a calendar
- table of values
- variable: solving for x
- algebraic expressions
- equations

NEXT STEPS:

Be prepared:

HOW

MATH MINDSET CHECK-IN

How do they feel about math?

- Student perspective
- Parent perspective
- Siblings perspective
- Extended family perspective