

# MATH LEARNING DIFFICULTIES AND STRATEGIES

## PRESENTER

**Eryle Okamura, B.S. Visual Science, O.D., M.Ed.**



In private practice as an optometrist since 1985, Dr. Okamura also received specialized multisensory math training through UC Berkeley and with Ron Yoshimoto, M.S.W., Fellow/AOGPE. He received his Master's in Education degree in Mathematics: Curriculum and Instruction, and has been teaching students with learning differences since 2010. He practices alongside his wife, Susan Okamura, a Certified Orton-Gillingham practitioner and a speech-language pathologist who owns Bridge the Gap academic services.

*A workshop to give classroom teachers, tutors and parents of children in grades K-5 strategies to help remedy some of the common math difficulties their students encounter.*

## OVERVIEW

Math difficulties range in severity/topic areas. Math difficulties may be further complicated by co-existing difficulties in language comprehension, affecting student ability to effectively manage word problems.

Some of the most common math difficulties:

- ⇒ telling time; using devices (e.g. a ruler, a protractor, etc.) for measuring; basic numeracy
- ⇒ math operations (subtraction, multiplication, division, and their algorithms)
- ⇒ fractions, place value, integers, percent, and algebraic expressions

Workshop participants will understand:

- ⇒ critical math skills that are typically achieved during childhood
- ⇒ brain function and specific cognitive areas as they pertain to math learning
- ⇒ concepts such as visual spatial perception, working memory, processing speed, fluid reasoning

Workshop participants will also:

- ⇒ use manipulatives to practice application of strategies to help students
- ⇒ explore iPad apps that support student acquisition of math skills

**Workshop fee includes a set of manipulatives for participants to keep and use in their teaching to support student learning.**

## WHEN

Sept 14, 2019 · Saturday  
8:30 am-12:30 pm

## WHERE

Hongwanji Mission School  
41 Iliahi Street - Honolulu  
Room 41 (*Ewa side of the Administration Building*)

## PARKING

Free parking on-campus.  
Enter via Iliahi Street, off Nu'uanu Avenue.

## REGISTER

[hida0914.eventbrite.com](https://hida0914.eventbrite.com)  
Registration Fees\*:  
\$40 - HIDA Member  
\$50 - Non-Member

\*online payment processing fee will be applied; set of manipulatives included

PARTIAL SCHOLARSHIPS  
AVAILABLE FOR TEACHERS --

APPLY BY AUGUST 30, 2019

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*Cancellation Policy: HIDA reserves the right to cancel the workshop due to insufficient number of participants. HIDA will refund the full registration fee paid.*

*Withdrawal Policy: A full refund of the registration fee paid less a \$15 processing fee will be given to those who voluntarily withdraw prior to the day of the workshop.*