

REAL-WORLD MATH

Mondays, January 25-April 26 (no class Feb 15, Mar 15 or Apr 5; 11 weeks)

12:30-1:45pm

Ages 8-10

Students learn to recognize numbers and patterns in unconventional ways as they relate math problems and concepts to the real-world situations, and develop stronger problem-solving skills. All lab costs are included in registration fee. Course enrollment is limited to 12 students.

Instructor: Candra Umunna, BSc

Location: Science Center (suite 5)

Course fee: \$200 OR \$20/lab

10% sibling discount

LAB SCHEDULE:

Minute to Win It - Monday, January 25

Today, we review SI units and measurements in science as we play timed challenges interpreting numbers and data.

Measurements in Cooking - Monday, February 1

We study fractions associated with developing protocols for experiments or creating recipes for cooking.

Money - Monday, February 8

Students become more comfortable with handling and counting money during transactions as we work through decimals.

Percentages - Monday, February 22

This week, we work through representing values as percentages as we create presentations about the components of the atmosphere.

Probability - Monday March 1

We study ways to predict outcomes of situations by working common games such as Connect Four, Heads or Tails, Rock Paper Scissors, and more.

Time - Monday, March 8

Students learn about how to convert time and ages into different forms as we work on our multiplication skills.

Music - Monday, March 22

Students study the math behind writing and reading music as we break down time-signatures of popular songs and beats.

Battleship Graphing - Monday, March 29

We investigate how to plot coordinates on a graph and how we can relate this to finding locations on a map.

Card Games - Monday April 12

Today, we dive into sequences and patterns as we design and create our own card games.

Construction - Monday, April 19

This week, we learn what goes into building objects as we learn how to effectively use rulers to measure in different units.

Escape Room - Monday, April 26

In lab today, we combine our various real-world mathematics skills as we work to solve problems and clues in an Escape Room challenge.