This summer MMSETS is offering a 4-Round Summer Problem Solving Program for students from grades 3-12. Different problem sets will be offered for grades 3-4, 5-6, 7-8, 9-10 and 11-12.

The program is designed to improve students' math skills and creative thinking. Many kids discover the pleasure and challenge of problem solving and its application to various areas of our lives.

How it works

Students will receive their first problem set on May 22nd via email. They will have one month to given to prepare and mail back their solutions. The deadline for submitting the first problem set solutions is June 22nd (solutions should be mailed by US mail and the postmark should be June 22nd or before). Additional problems sets will be emailed for registered students in June, July, and August, each set has 10 problems and students have 30 days to solve and mail solutions.

Students earn points for their solutions and accumulate an overall score (including partial credit). A month after the deadline, the solutions will be shared.

Rules

The first problem set will include directions on how to prepare solutions. Students are allowed to work together, discuss problems and use any resources available – however everybody is required to write down an individual solution and explain it in their own words. Copied work will not be scored.

How to sign-up

Register by April 27th 2020 by sending payment and registration information via PayPal to: mmsets@gwi.net. When sending payment, please include Student Name, School, Grade (as of 4/20), Parent Name, E-Mail, Address, and Phone Number.
Alternatively, registration can be mailed to MMSETS Problem Solving Program P.O. Box 496, Orono ME 04473 with $35 registration fee (payable to MMSETS). Late registration is $45.

For more information, please contact Eva Szillery by email at evaszillerymmsets@gwi.net attn. Dr Szillery.
Dr Szillery is the recipient of the University of Maine Pulp and Paper Foundation Educator Recognition Award for Programming Excellence for starting and directing the MMSETS Program. She worked with Professor Seymour Papert starting a generation of excellent problem solvers in Maine. She had USAMO** qualifying students in 2016 and in 2017. She is the sole educator in Maine who has students reaching this level in the competition since 2002.

* *The United States of America Mathematical Olympiad (USAMO) is a highly selective high school mathematics competition held annually in the United States. Since its debut in 1972, it has served as the final round of the AMC series of contests of the Mathematical Association of America.
GUIDELINES TO PREPARE MMSETS

PROBLEM SOLUTIONS

Here are the guidelines to prepare solutions for the MMSETS Problems. Following these guidelines will help our work. Thank you for following this. Use standard 8 1/2 by 11" size paper. Use pencil, black or blue pen for writing your solutions. Write your name, grade, email address used when registered to the program, Problem Set Number, and problem number on the upper left side of every page and frame it to separate from the writing of the solution:

________________________________________

your name
your grade (as of April 2020)
email address (should be the email address used when registered)
problem set number
problem number

________________________________________

Use one side every page. If you use more than one page for one solution, write the same information on the upper left side of each page. Your solution should be final, well written, and thought-out. Give explanation on the level you'd explain the solution to a classmate. - For the answer without any explanation you may get 2 points (the most) even if the solution is correct. You may hand write or type your solutions. If handwriting, your writing should be clear and legible. Submit one solution for each problem. Keep one copy for yourself, but send us the original. If you solve just one problem from each set, submit the solution. Please note, that the mail submission deadline is the postmark deadline. It is OK to receive the solution after the deadline as long as the postmark on the envelope is on or before the deadline.

Mail your solutions to:
MMSETS P.O.Box 496 Orono ME 04473