

1145-M5-2925      **Zvezdelina Entcheva Stankova\*** (stankova@berkeley.edu), Department of Mathematics, 713 Evans Hall, University of California at Berkeley, Berkeley, CA 94720-3840. *"Math Taught the Right Way": Curriculum from Overseas, Adapted to the U.S. Educational Reality and Implemented Parallel to the Berkeley Math Circle.*

Two decades of BMC showed that even the most motivated U.S. math circlers may lack basic skills in what is standard school material abroad. Geometry is the Cinderella of U.S. math education: beautiful but neglected. Other math areas also severely lag behind. To compensate, every BMC session has to start low, fill in all gaps, and exponentiate in difficulty, in order to reach its goals in 2 hours. Parents keep asking for good textbooks in English, to prepare children for BMC and for a life of math ahead. "Math Taught the Right Way" (MTRW) was a working name for a program that started in 2016 at UCB and two nearby schools. It is based on the adaptation of a new middle/high school Bulgarian curriculum. Each MTRW group meets for 3 hrs a week for Algebra, Geometry, and Problem Solving/Proofs, taught twice as fast as in school. Each class has pre-tests, HWs, and final exams. It does sound like a math school! The temporary name "MTRW" stuck as true for its 130+ students in 4 groups (6-9 grades); if left unrestricted, it will quickly outgrow the BMC size of 500+ students. The 6-8 grades textbooks are published in English. This talk will discuss the necessity, structure, difficulties, and successes of MTRW as a satellite to math circles and a replacement of math school curriculum. (Received September 25, 2018)