What makes Competition Math different from most classroom math?

The primary distinction is often that competition math focuses on problem solving; competition math puts the math skills learned in the typical math classroom to work. In an ideal world, classroom math will more closely resemble competition math.

Methodology

Self-Paced, Online Instruction & Participation  
approx. 17 hours

Each week, participants will receive 4 Challenge Problems. At the end of the week, participants will view videos showing possible solutions to these Challenge Problems. These videos are created by a panel of instructors from Art of Problem Solving and MATHCOUNTS.

Individual Practice  
approx. 7 hours

Each week, participants will receive a 10-Problem Practice Set to complete.

Reading  
approx. 2 hours

Detailed written solutions with complete explanations of different problem-solving strategies will be distributed each week for the Practice Set and Challenge Problems.

Peer Learning  
approx. 1 hour

Nine experienced math competition coaches will share their recommendations on how to establish and grow a math team culture in your school. They also will share best practices for preparing students for math competitions.

Community Learning  
approx. 3 hours

With direction from the Course Facilitator, course participants will join in weekly, online discussions.

Professional Development Hours

Teacher certification (new and renewal) requirements vary greatly by state. Please confirm in advance that completion of this course will satisfy your state’s/county’s/system’s requirements. The work in this course is directly relevant to the common professional development areas of: Enhanced Content Knowledge, Professional Seminar & Workshop, and Professional Development Activities.