

1086-R1-2766

Yousuf George* (cgeorge0@naz.edu), 4245 East Ave., Rochester, NY 14618. *A Math Circle as an MLA Course.*

Math Circles have been a fixture in the mathematical culture of eastern Europe for decades, but have only appeared in the United States in the past eighteen years. Math Circles are a form of outreach that bring pre-college students in direct contact with mathematicians with the primary goal of fostering a passion for mathematics through Inquiry-Based Learning.

Inquiry-Based Learning and problem-solving are central to any Math Circle. However, circles can come in a number of varieties. Some emphasize preparation for mathematical competitions, some feel more like a traditional enrichment class, without exams. Others take a more informal approach, with the learning occurring through games, stories, or hands-on activities.

It is this last type of circle that is particular suited to adapting to the MLA setting. We will discuss the particulars of using Math Circle philosophies and materials in an MLA course. (Received September 25, 2012)