

1023-97-1007 **James S Tanton*** (jamestanton@stmarksschool.org), 25 Marlborough Rd, Southborough, MA 01772. *Seeking Points of Intersection: High-School Curricula vs. Math Circle Goals.*

Need the math circle experience be extra-curricular? How should we communicate the value and meaning of the math circle experience to teachers? How can we do so in a manner that is respectful of, and honest about, the severely limiting day-to-day demands teachers typically face?

The goal of this talk is to present and practice a survey of concrete examples directly applicable to the standard 9-12 mathematics curriculum each serving as a practical gateway to the math circle experience in the classroom. Identifying such specific points of intersection could play a key role in helping math circles be seen as relevant and important and to hence thrive. (Received September 24, 2006)