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Math Club Hosts Math Circle. Preliminary report.

Having a math club host a math circle increases the confidence of the club member who is now the "expert" as well as making the math circle participant feel relaxed and comfortable. Math circles take a lot of time to coordinate but the jobs are easily divided among club members such as advertising, snacks, content, activities, parking, room reservations, and connecting with other groups on campus. A math circle can get many different parts of campus involved with the math club including faculty who send their children to participate, admissions who want to meet and possibly sponsor an event for the students, School of Education who might combine it with a teacher math circle, and the faculty within the mathematics department who might host the content on different weeks. This also gives math club members an opportunity to "try out" teaching in a fun environment and to think about their own mathematical conceptions in a different way. (Received August 27, 2013)