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Michael Nakamaye* (nakamaye@math.unm.edu). *Opportunities for mathematicians to work with K-12 teachers.*

Over the past decade I have had many opportunities to be involved in the professional development of elementary, middle school, and high school teachers. These include

- a. teaching university courses for future teachers,
- b. teaching with Intel Math,
- c. working on a state funded MSP program,
- d. running a local Math Teachers' Circle,
- e. writing tasks (and helping others to write tasks) for Illustrative Mathematics.

I would like to share with others some of what I have learned (and ways in which I have grown) from these different endeavors. With so many different ways to contribute, there is a good place for all mathematicians who wish to learn more about K-12 education. Like every other important endeavor, success is not easy to find or quantify but the rewards of becoming involved are very tangible. (Received September 02, 2012)