Brandi Henry* (brandi.henry@temple.edu) and Rose Kaplan-Kelly (rose.kaplan-kelly@temple.edu). Engaging Middle Schoolers in Mathematics: Pre- and Post-Spring 2020.

We will discuss the background of two mathematical outreach programs we have recently co-organized at Temple University for middle school students. In addition to an overview of program goals, intended audiences, and logistical structure for each program, we will also highlight: applying feedback to grow a program, making programs accessible, adapting to a virtual format, and our perspective as graduate students.

1. Sonia Kovalevsky Mathematics Day: Temple University’s edition of this national program is a day-long event held each year to encourage middle school girls in mathematics by introducing them to fun topics and mentorship from women in mathematics.

2. Temple University’s Summer Mathematics Interactive Learning Experience (TU SMILE): A weeklong virtual program designed to expose students to mathematical concepts outside of the traditional middle school curriculum and foster interest in mathematics.

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