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Organizing a Middle Grades Summer Math Camp with Pre-Service Teachers.

This presentation will describe a three-week summer experience for pre-service mathematics teachers during which a mathematics camp for middle grades students was planned and implemented. The pre-service teachers were a mixture of Noyce scholars and summer interns. Noyce scholars were juniors, seniors, and alumni who have received scholarship funds through the NSF-sponsored Robert Noyce Scholarship program. Interns were incoming freshmen or rising sophomores who had expressed interest in teaching mathematics. The first two weeks of the summer experience were spent with the scholars and interns doing mathematics, planning daily activities for middle grades students, and investigating Common Core State Standards related to those activities. The third week of the experience was the implementation of the summer camp with 13 middle grades students from the northern Kentucky region. During the presentation, presenters will discuss their experience facilitating the planning of camp, as well as feedback received from the scholars and interns. Those in attendance will learn about a potential experience to engage their mathematics education students in an authentic learning environment. (Received July 12, 2013)