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Bob Klein* (kleinr@ohio.edu), Ohio University Department of Mathematics, 321 Morton Hall, Athens, OH 45701, **Rebecca Bycofski** (rb226013@ohio.edu), Ohio University Department of Mathematics, 321 Morton Hall, Athens, OH 45701, and **Henry Fowler** (hhfowler@dinecollege.edu), Diné College Department of Mathematics, 1 Circle Dr, Route 12, Tsaile, AZ 86556. *Mentoring Students and Supporting Teachers: New Programs from the Navajo Nation Math Circles Project.*

The Navajo Nation Math Circle Project, begun in 2012 by Tatiana Shubin (SJSU) and Henry Fowler (Diné College), brings Navajo students and teachers into greater participation in problem solving. Until this, the 3rd year of the program, primary activities consisted of a 2-week student summer camp, teacher workshops, math festivals, and academic-year visits to schools by mathematicians.

Having served over 1000 students and 150 teachers thanks to generous funders and the participation of more than 40 mathematicians from around the U.S., the program is building sustainability and impact by offering one-on-one mentorship to students via curated problem solving discussions with NNMC leaders. Undergraduate mentors worked with summer camp participants, creating a model for the electronically-mediated mentor sessions in the academic year.

To support nascent student math circles, the NNMC is compiling a set of session notes tentatively called “scripts” to guide Navajo teachers through leading math circle activities including the many directions students could take investigations, including directions to be avoided.

This paper briefly reports on how these new efforts are working to sustain and broaden the profound impact of mathematics and problem solving on the Diné. (Received September 12, 2015)