



MATH UNBOUNDED

Building and connecting communities of problem solvers around the globe.



Alliance of Indigenous Math Circles



All Math Public Groups Combined

Doctorate Granting Departments of Mathematics

128 of 130 departments responding (7 with no degrees)

	MEN					WOMEN					TOTAL
	Citizenship					Citizenship					
	US	Non-US			Total	US	Non-US			Total	
		Perm	Temp	Unk			Perm	Temp	Unk		
Am Ind/Alas	0	0	0	0	0	0	0	0	0	0	0
Asian	21	8	202	4	235	10	11	82	5	108	343
Bl/Afr Am	9	1	8	0	18	4	0	1	0	5	23
Hisp/Lat	9	4	14	1	28	4	1	5	0	10	38
Haw/Pac Is	3	0	1	0	4	0	0	0	0	0	4
White	314	6	51	2	373	105	5	21	0	131	504
Unknown	3	0	3	0	6	1	0	0	0	1	7
TOTAL	359	19	279	7	664	124	17	109	5	255	919



Explainers

- State & Federal Reservations and Tribal Statistical Areas
- Tribal Statistical Areas
- Alaska Native Villages
- Hawaiian Home Lands
- Alaska Native Villages
- Indian Terrestrial

Source: U.S. Census Bureau, 2010. Data for Alaska Native Villages and Hawaiian Home Lands are based on the 2010 Census. Data for Tribal Statistical Areas are based on the 2010 Census. Data for Indian Terrestrial are based on the 2010 Census.

Scale: 0 to 250 miles

A THematic MAP OF
NATIVE AMERICAN LANDS

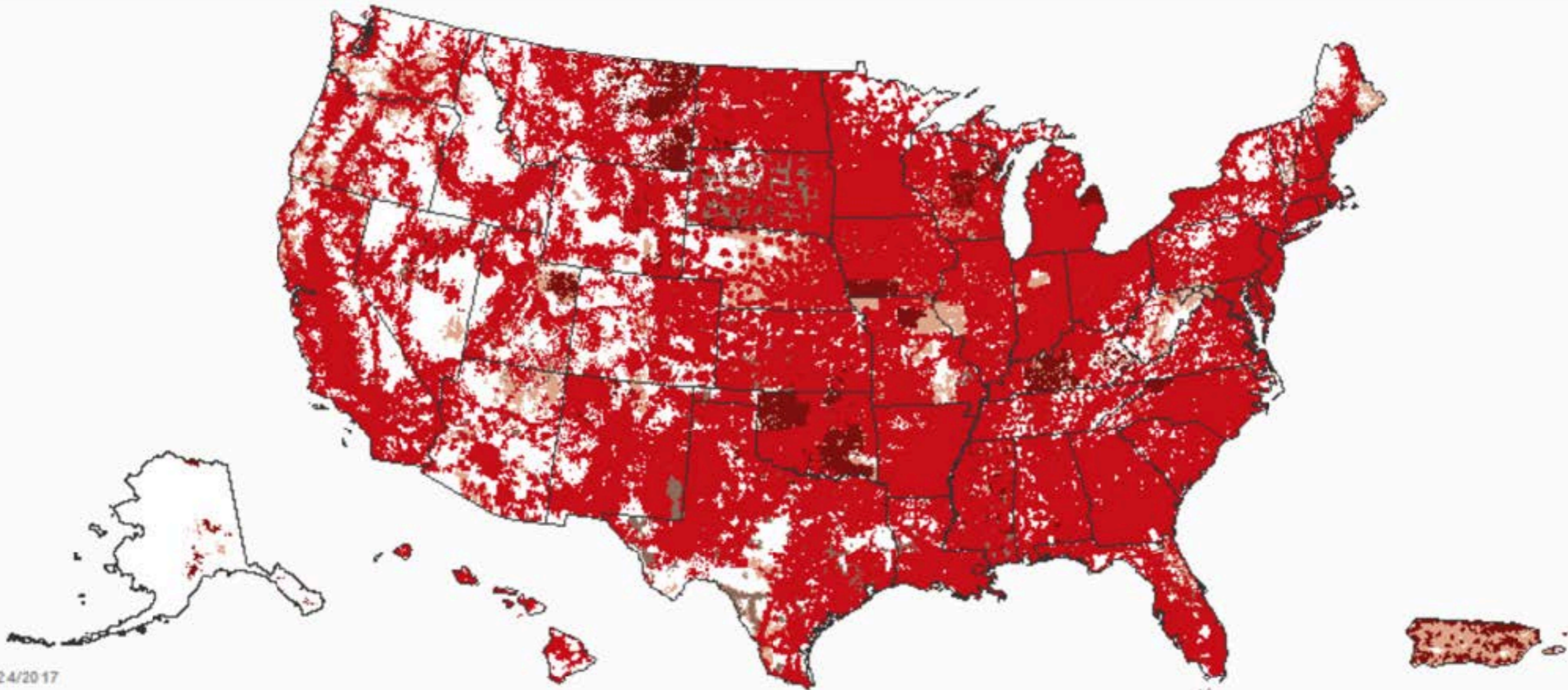
State & Federal Reservations, Tribal Statistical Areas,
 Alaska Native Villages, and Hawaiian Home Lands

Prepared for
UNITED STATES

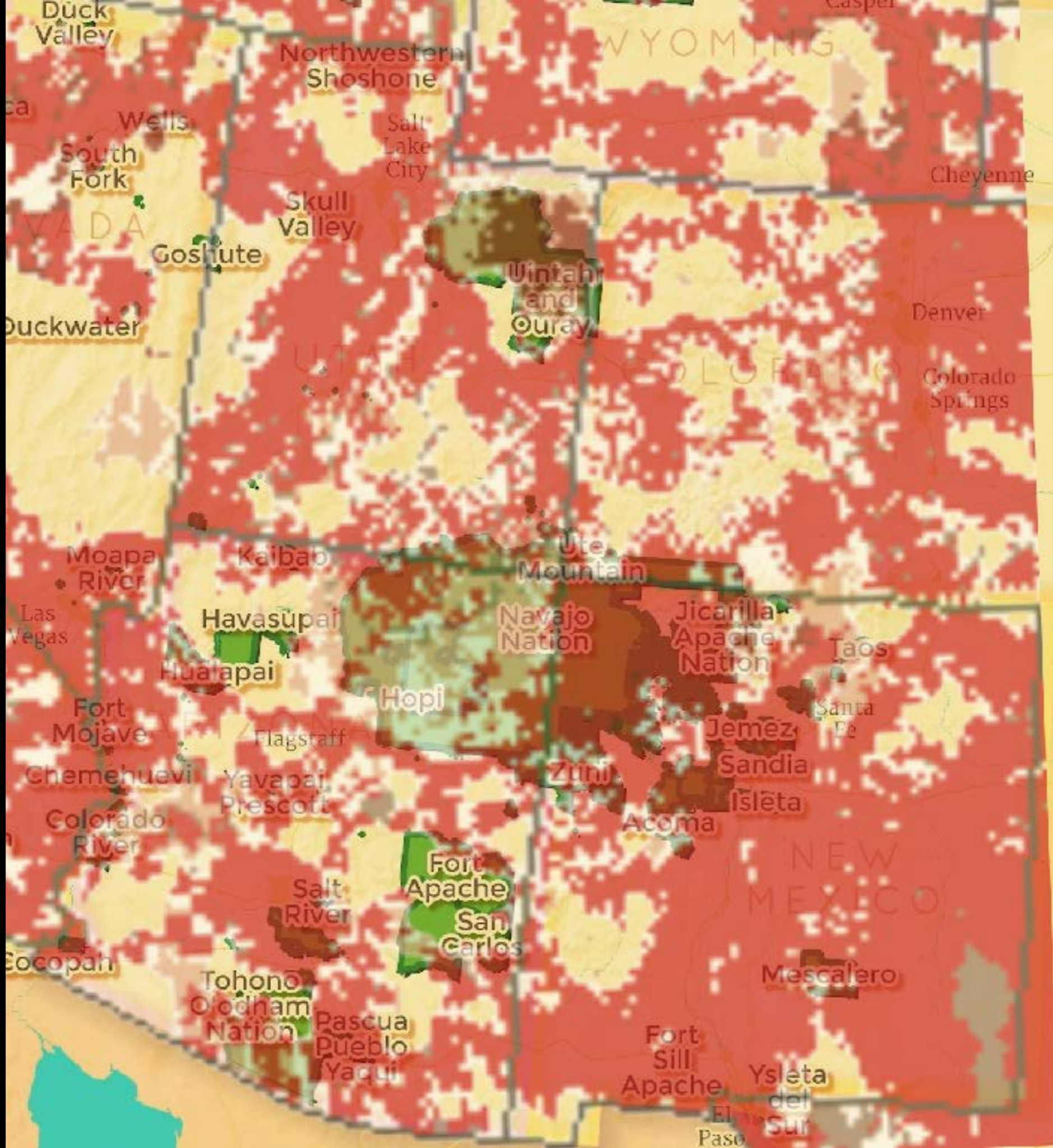
compiled from the official sources of the
CENSUS BUREAU

as follows: a 2010 census
 all state boundary lines, major roads, railroads,
 cities & urban areas, navigable rivers, and lakes





07/24/2017





Explanations

- National Indian Reservation and/or Tribal Lands
- Oklahoma Tribal Statistical Area
- American Indian Reservation
- Tribal Designated Statistical Area
- Alaska Native Village Statistical Area
- Indian Home Land

Source: U.S. Census Bureau, 2014. Tribal Lands based on BIA's 2013 report. www.census.gov

NATIVE AMERICAN LANDS
 State & Federal Reservations, Tribal Statistical Areas,
 Alaska Native Villages, and Hawaiian Home Lands

UNITED STATES

completing the official names of the
CENSUS BUREAU

all state boundary lines, major roads, all roads,
 cities and urban areas, navigable rivers, and lakes



MATH CIRCLES

- 100+ Years of History
- 28+ Years of History in the U.S.
- 200+ Student Circles in the U.S.

MTCS

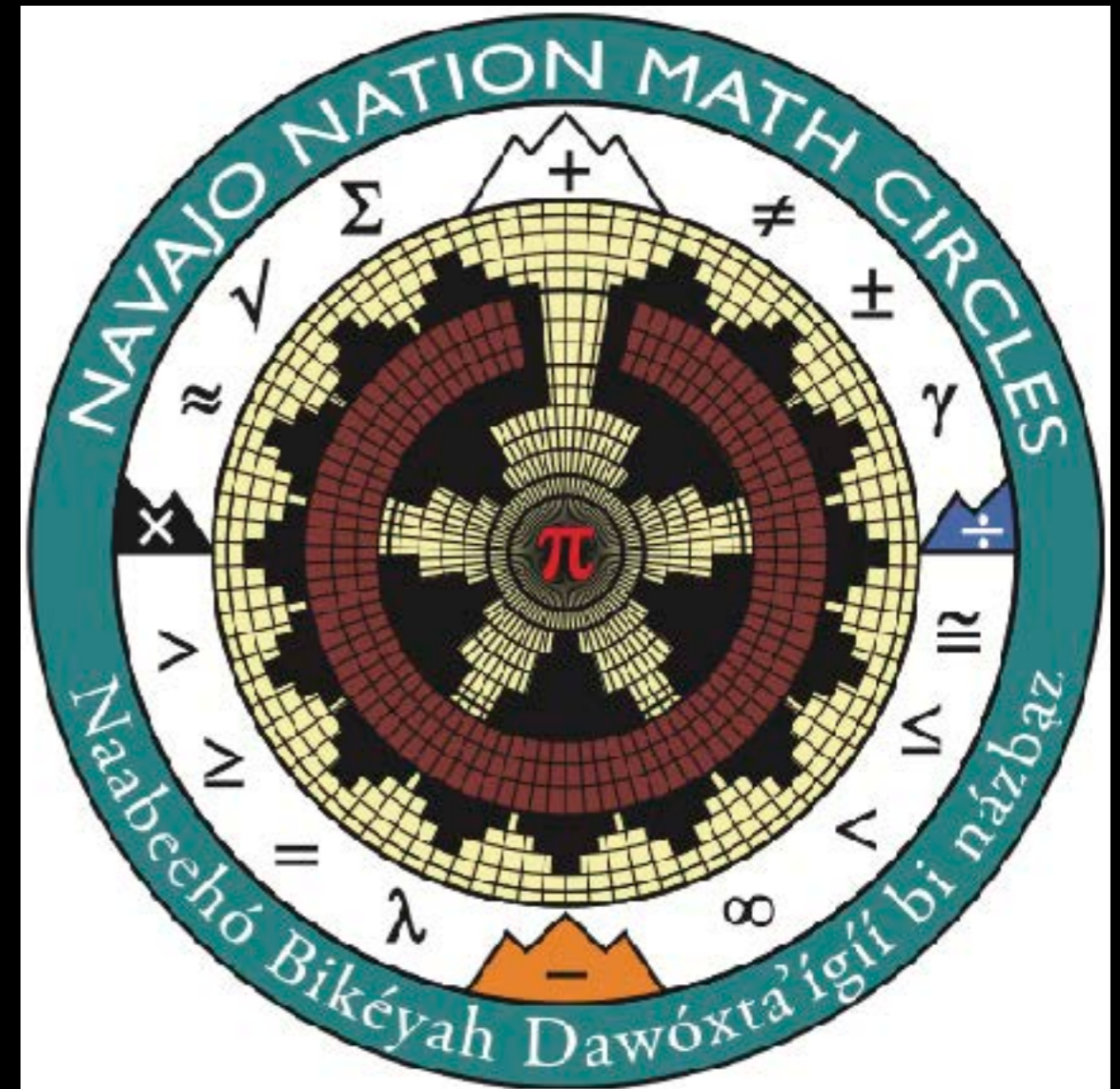
- 10+ Years of History in the U.S.
- 100+ Teachers' Circles in the U.S.

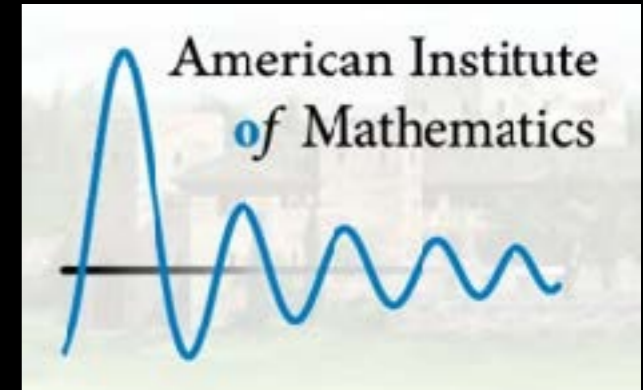
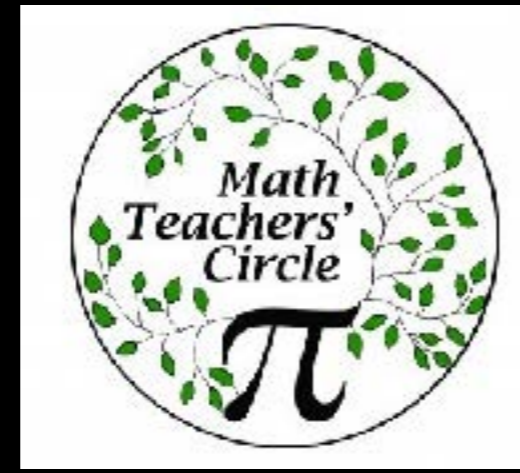
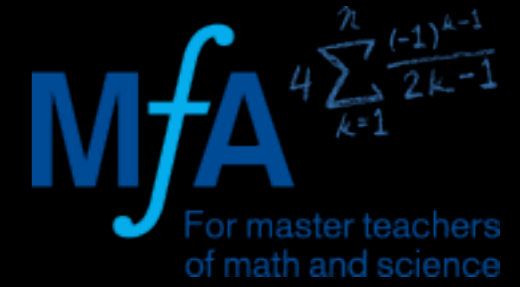
MY FAVORITE MATH CIRCLE PROBLEM?

HOW DO YOU HELP GROW AND SUSTAIN
MATH CIRCLES FOR STUDENTS AND
TEACHERS IN INDIGENOUS COMMUNITIES?

THE MODEL

- 5 Years of Improving the Model through the NNMC project
<https://navajomathcircles.org/>
- Camps
School Visits
Workshops
Teacher Supported Circles
- 45+ Mathematicians
20+ Schools
300+ Teachers
2500+ Students
- Focus on the co-development of mathematical and indigenous identities







Alliance of Indigenous Math Circles



MSRI

Mathematical Sciences Research Institute





Alliance of Indigenous Math Circles



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<https://aimathcircles.org/>