

Introducing a Partnership for Strengthening Culture-based Elementary Math Education in Standing Rock



SRST Tribal Department of Education



Math is everywhere, and students use it all the time—even if they don't realize it!



Success in math is important for:



Well-being
wóawanglake



Life Satisfaction
oíyokiphi



Health
wičhózani



Jobs
wówaši



Wages
wókamna



Lifespan
tšéhaŋ nípi

Standing Rock Tribal Education Department is partnering with **Sitting Bull College, Regional Educational Laboratory (REL) Central, and Standing Rock schools, educators, Elders, parents/caregivers, and community members** to apply Dakota/Lakota ways of thinking to create math lessons for children in third through fifth grades.



The Partnership will:

1

Develop a community to learn about culture-based education and math practices.

2

Conduct an inventory of current math practices in Standing Rock and select content to use for designing the culture-based math modules.

3

Help learners in Standing Rock schools understand the relevance of math in their lives and increase their engagement with math both in school and at home.

Fall 2023

Design team teaches Phase 1 module content and convenes to reflect and revise.

Summer/Fall 2024

Design team concurrently begins coaching series to develop spring content modules to be initially piloted in spring 2024.

2024/25

Partnership uses lessons learned from both phases to initiate a formal pilot of both modules.

Intended Outcomes

Educators, community members, and families gain knowledge to continue to build and teach math from Dakota/Lakota thinking.

Students and families enjoy learning and using math to help build the community.

More students have access to and learn Dakota/Lakota math lessons.

Teachers have more opportunities to connect with students, their families, and their culture.

To join our design team or learn more, contact us at chris.fried@sittingbull.edu

