

Title

Multicultural Mathematics and Lakota Number System

Grade Level

8th Grade Pre-Algebra

Theme

Mathematics is a human activity that arises within a society to meet the needs of human beings within their dwelling place.

Duration

2 days

Goal

Students will connect number words in various societies to their physical referents
Students will compute at the level of the four operations using Lakota numbers

Objectives

Students will simplify expressions using order of operations

South Dakota Standards

A.SSE.1.a, ASSE.1.b

Cultural Concept

Lakota number words reflect algebraic reasoning

Cultural Background

This is typed out in the three separate Lakota Mathematics packets that I have

Student Activities

Practice problems using Lakota number words

Resources

Lakota Mathematics packets (3)

Multicultural Mathematics

Assessment

Exit Tickets

References

Zaslavsky, C. (1993). *Multicultural Mathematics: Interdisciplinary cooperative-learning activities*. Portland, Me.: J. Weston Walch.

Developer

Reginald Anderson

PO Box 571, Mission, SD 57555

(319) 360-9659

reginald.anderson.cc@gmail.com

Date

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