Title
Three Dimensional Design with Elements of Lakota Culture.

Grade Level
High School.

Theme
To design a contemporary building.

Duration
Ten days.

Goal
Students will design and build a model structure using Lakota concepts of order.

Objectives
Students will be able to incorporate and understand structure developed in Lakota order.

South Dakota Standards
This lesson uses culture and creativity.

Cultural Concept
The circle may be incorporated or borrowed as an influence for the lesson.

Cultural Background
The C.O.M.A.E. principals will be applied and directed toward the circle: Centering, Orientation, Moving, Arranging, Echoing (color, shape, form and material). In Lakota culture the circle is sacred. It represents the four winds, night and day, the moon, the year, and the division of time. Therefore camps, tipis, camp circles, etc. are done in a circle. A full circle represents the world, and when it is red it represents the sun, and when it is blue it represents the sky. When a circle is divided into four parts it represents the four winds. These ideas may be used to develop the design.

Student Activities
In this lesson the Lakota concept of the circle may be considered and become part of a building design. This three-dimensional project can be elaborated upon and have open guidelines.

Resources
This activity will require many materials: wood, glass, glue, paper, paint, plaster cloth, wire mesh, found shapes, and anything that will complete the project.

Assessment
A completed model will be the end result of the lesson.

References

Developer
Donald Knecht

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