

Dee Ni Language Lesson

Project/Activity Name and ID Number:

Shapes

05.MA.02

Common Curriculum Goal:

2nd Language: Topics: BM2: Shapes

2nd Language: Speaking: BM2: Use memorized words/phrases/expressions in everyday situations.

2nd Language: Listening: BM2: Understand a short series of simple directions.

Math: 4th Grade: 4.3.2, 4.3.6, 4.3.7

Season/Location:

- *Fall or Spring – Good weather days. Location could include playground and sidewalks all over town.*

Partners/Guests/Community:

- *Anyone who wants to play!*

Cultural Component(s):

Arts and Aesthetics	Communication	Government	Shelter
Belief -World View	Family	History	Transportation
Clothing	Food	Medicine	Tools and Technology
	Fun	Medium of Exchange	
	History	Science	

Project/Activity Lesson Objective Components:

Vocabulary:

- *Collective vocabulary from prior lesson(s):*
 - *Basket patterns*
 - *Shapes*
 - *Also includes vocabulary from other game activities – referee, player, winner, etc.*

Grammar:

- *3 – 5: Complex written and spoken sentence structure; noun and verb conjugation, including past/present/future aspects of time; spelling (teacher-generated). Use of Interjections*

Phrases (Writing, Speaking, Reading, Listening):

- **Collective phrases from prior lesson(s):**
 - *Interjections*
 - *Phrases will be taken from previous lessons – specifically related to taking turns, scoring points, and winning.*

After completing the lesson, Students and/or Instructors will be able to:

1. *Identify and name common geometric patterns used in traditional Siletz arts – regalia, basketry, etc.;*
2. *Use math skills to determine area of rectangles in those patterns;*
3. *Learn, follow, and modify rules of a playground game, and use Dee Ni vocabulary (interjections) in the course of play.*

Assessment:

- *Translation*
- **Effort/Visual Form**
- *Percentage*
- *Conversation*
- **Collaboration**
- *Conventions*
- *Delivery*
- *Ideas and Content*
- *Percentage*

Activity/Project Description:

- *Students use materials from previous lessons to study patterns and shapes used in traditional regalia, basketry, and artwork.*
- *Students use shape grids as templates to create traditional geometric designs.*
- *Students use math and geometry skills to determine perimeter, area, etc.*
- *“Shapes” vocabulary is utilized where possible.*
- *Students use math skills to determine a conversion formula for enlarging a pattern to be drawn on the playground (or around town with chalk) and used as a game space.*
- *Students use chalk or paint to create game grids on the play area.*
- *“Four-Square” rules are attached. The same rules can be used in “Six-Square” – kids have a way of making up their own rules to fit new situations.*
- *A variety of geometric forms will work for this. They do not necessarily have to be basket/art patterns, and could be taken from shapes in the Grade 4 Puzzle Book.*

Materials/Supplies:

- *Geometric grid patterns (incompetech.com).*
- *Vocabulary and phrases from previous Dee Ni lessons.*
- *Balls – the big red rubber kind.*
- *Rulers, tape measures, calculators.*
- *Playground chalk and/or paint.*