

Final Exam: Applying the Four Stages of the Internalization of Knowledge (PreK)

SIOP Lesson Plan

STANDARDS: Students will identify and describe a variety of objectives from the culture: Food, focus on Beans. ADE Standard 4 Culture 4FL-R3	
THEME: Using the 4 Navajo Philosophy of Learning; learn the process of planting beans.	
LESSON TOPIC: Planting of Beans	
OBJECTIVES: Students will be able to use the 4 Navajo Philosophy of Learning process to use in their planting project.	
Content: ADE Culture and Language	Language: Navajo Language
LEARNING STRATEGIES: Cooperative learning with the use of large group to small group and individualized setting for one on one learning.	
KEY VOCABULARY: Beans (Naa'oli) Water (to) Dirt (leezh) Garden (Da'ek'eh)	
MATERIALS: Gardening and planting books, potting pots, potting soil, beans, water, plant growth charts	
MOTIVATION/ANTICIPATORY SET: Plant and care for the beans on a daily basis using charts.	
PRESENTATION/INPUT/MODELING: Take the students to a garden and have an elder come in to talk about bean planting.	
PRACTICE/APPLICATION: The detailed lesson plan is attached.	
REVIEW/ASSESSMENT: Charting their care of beans and prediction of growth using measurements.	
EXTENSION: Make a final product of lesson by making Navajo Tacos.	

Detailed Lesson Plan

MONDAY: NITSAHAKEES

Do large group activity

Collect and read books on gardening and information on beans.

Bring a bag of beans to class for students to view and handle.

Have students draw beans using magnifying glasses

The students will put soil in potting pots and have them soften the soil using their hands

Ask probing questions about how the soil feels, what color is the soil?

Draw and talk about how the soil looks when the soil is wet / dry.

Do a chart using the students' input of prior knowledge

Put up vocabulary wall using the 4 Navajo words that the students will learn.

TUESDAY: NAHAT'AH

The students will begin to plan out their planting project. The size of the planting pot and how many beans are we planting. Each student will plant 10 seeds.

Probing questions on does the size matter? How many beans per potting pot?

The students will put a weekly watering schedule and a measurement schedule to show the prediction and final height of their plant.

WEDNESDAY: IINA

The students will learn about the importance of growing beans and how it benefits us in our lives.

The students will do another anchor chart on how we use the beans after it grows.

"Transfer home" for students will be: Go to Safeway and find out what isle the beans are located and how many different kinds of beans there were.

Students will name the different kinds of dishes that has beans in it? Navajo Taco, chili beans, bean burrito, etc.

THURSDAY: SIHASIN

The students will learn about the importance of prediction and how to guide their prediction with consistency in their schedule.

The students will have watering and care schedule: Watering, Sunlight and Care. The students will have a daily schedule on their charts.

Height chart - make a prediction of how high their beans will grow.

FRIDAY:

Conclude planting project