Unit: Hopi Culture - Corn
Lesson #5 of 5

LESSON FIVE: PLANTING CORN

Grade level: 4 - 6th grade

Curriculum Area: Language Arts, Science and Math

Introduction:
This lesson will introduce to the students the different methods of farming. They will be taught what preparations are needed and the procedure of planting different seeds. The students will come to an understanding of the importance of planting and what it means to the Hopi people.

Objectives:
With 80% accuracy the students will:
1. Name the different methods of farming.
2. Tell what preparations are needed for planting.
3. Describe the procedure for planting.
4. Identify how deep to plant certain seeds and when they should be planted.
5. Discuss the importance of corn to the Hopi people.

Standards:
Science - Readiness:
♦ Identify and use safe procedures in all science activities.
♦ Categorize objects, organisms and events in different ways.
♦ State simple hypotheses about cause-and-effect relationships in the environment.
♦ Communicate observations and comparisons through various means such as pictographs, pictures, models and words.
♦ Identify how the weather affects daily activities

Writing - Essentials:
♦ Gather, organize and accurately, clearly and sequentially report information gained from personal observations and experiences such as science experiments, field trips and classroom visits.
Resource and Materials:
1. Monthly table of task and ceremonial cycle.
2. Handout on the various methods of farming.
3. Handout of the various tasks of the male and female role.
4. Field trip to a local Hopi field.
5. Tools and seeds needed for planting.
6. Hopi speaker(s) with the dialects of students enrolled.

Implementation:
1. The teacher will describe the different methods of planting (Uylawu)
2. The students will be taught the preparation needed for planting (Gani da ngwu)
3. Students will be given a monthly chart of the task and the types of ceremonies that correspond with the ceremonial cycle.
4. The teacher will discuss each monthly activity with the students regarding the task of farming.
5. The teacher will introduce the procedure of planting (uyduwi) different seeds including the corn, beans and watermelon.
6. Students may take a field trip to a local field (baasa) on the Hopi Reservation. (optional)
7. Students will be shown how to plant various seeds. Either outside of their classroom or at a local field as a demonstration.

Assessment:
1. Participation in oral discussion.
2. A written or oral test.
3. Students will identify the different farming methods.
4. Students will identify the tasks of the male and female.
5. Students will identify the task performed on a monthly basis according to the handout given by the teacher.
6. Students will briefly describe the procedure of planting.

Extensions/Modifications/Accommodations:
♦ Field Trip to a local Hopi cornfield.
♦ Participate in planting corn at a local cornfield and utilize the traditional tools.