

Dee Ni Language Lesson

Project/Activity Name and ID Number:

Space & Sky

01.SC.07

Common Curriculum Goal:

2nd Language: Listening: BM 1: Demonstrate minimal comprehension of general meaning

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

2nd Language: Topics: BM1: Greetings and farewells; BM3: Seasons and weather

Science: Earth and Space: Understand the Earth's place in the solar system

Season/Location:

April – Including evening with a full moon

Partners/Guests/Community:

Guest astronomer with a telescope.

Cultural Component(s):

Arts and Aesthetics

Communication

Government

Science

Family

History

Shelter

Belief –World View

Food

Medicine

Transportation

Clothing

Fun

Medium of Exchange

Tools and Technology

Project/Activity Lesson Objective Components:

Vocabulary:

English	Dee Ni
<i>Day</i>	<i>Srii-nis</i>
<i>Earth</i>	<i>Nvn-nvst-'a~</i>
<i>Far</i>	<i>Ts'an'</i>
<i>Moon</i>	<i>Chaa-ghvtlh-sri~</i>
<i>Night</i>	<i>T'et</i>
<i>Planet</i>	<i>Svn'-ta</i>
<i>Sky</i>	<i>Ya-me'</i>
<i>Star</i>	<i>Svn'-ta</i>
<i>Sun</i>	<i>Xaa-shi</i>

Grammar:

- Exposure to concepts of Dee Ni sentence composition and noun and verb conjugation.

Phrases (Writing, Speaking, Reading, Listening):

English	Dee Ni
Day and night are the same (Equinox)	Srii-nis t'et-dvn lhee-wi.
He/she/it is looking up	Ghee nelh-'i~
I am a planet	Svn'-ta nvs-li~
I am the moon	Chaa-ghvtlh-sri~ nvs-li~
I am the sun	Xaa-shi nvs-li~
It is fall	Dan'-xvt-dvn
This is (_____)	Dii (_____)
Winter is coming	Xii- waa-te

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

1. Identify and describe basic celestial objects in Dee Ni.
2. Use a telescope
3. Understand that earth orbits the sun, and the moon orbits earth.
4. Identify the sun as our closest star
5. Identify the planets closest to the sun
6. Recognize same/different sounds in English and Dee Ni
7. Describe the movement of planets around the sun, and moon around the earth

Assessment:

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

Activity/Project Description:

- Teacher presents vocabulary words associated with the space and sky to the class using audio recordings and flash cards. The lessons will be presented during the appropriate month.
- Students do the activities "How Coyote was the Moon", "How Fisher Went to the Skyland", and "Earth is on Big Turtles Back".
- Teacher leads the students in creating an "Origin" legend. (Additional vocabulary/phrases can be added, depending on the legend.) This can be illustrated and/or performed.

- *Moon phases are modeled using sun/earth/moon representation. The teacher can demonstrate how the earth moves around the sun using a ball and a light bulb; demonstrating how the moon moves around the earth.*
- *Students observe and verify moonrise – moonset and phases described on sunrisesunset.com, and deliver date to the 5th grade for newsletter publication.*
- *Students study a model of the moons orbit relative to Earth*
- *Students study a model of the planets' orbit around the sun; planets' size and appearance*
- *Students create masks or hats representing the sun, moon, planets, and stars.*
- *Students sketch examples of celestial bodies in journals and copy labels onto pages*
- *Teacher guides students in using sidewalk chalk to draw large concentric circles (9). Planets, moon, sun, and stars introduce themselves to each other. Earth and Moon model orbit (Earth in center, moon walking around one of the circles) Then sun and planets position themselves. Stars are sent far far away (within reason). At the signal, planets walk/run around the circles, trade places, and continue until they are exhausted.*
- *Teacher explains that there are sounds in English that are not in Dee Ni, and vice versa. Students review practical alphabet and English alphabet to identify these sounds. Students verbally translate planet names using only Dee Ni sounds. (This activity can be applied to students' English names.*

Materials/Supplies:

- *Picture flash cards with illustrations representing space and sky concepts*
- *Audio recording of space and sky vocabulary*
- *Half sheet hand-outs with corresponding vocabulary*
- *Poster illustrations representing space and sky concepts*
- *Art supplies as necessary for legend activity*
- *Sidewalk chalk*
- *"How Coyote was the moon", "How Fisher went to Skyland", and "Earth is on Big Turtle's Back"*
- *Sunrise/Sunset calendar used in "Seasons" lesson – with moon phases*
- *Light and balls representing Sun, Moon, Earth and/or a model of the solar system*
- *Solar system map*
- *Practical alphabet lesson*
- *Greetings and Goodbyes vocabulary/phrases*
- *Access to sunrisesunset.com*