

Grade 4	Lesson: 1-4 Locating Forests and Deserts	Reference to English
Standard(s): 1.OA.1	Domain:	
Content Objective(s):	Language Objective(s):	
Locate examples of areas that have characteristics of wetlands, forests, or deserts in Utah.	Based upon information gathered, classify areas of Utah that are generally identified as wetlands, forests, or deserts.	
Essential Understanding:	Academic Vocabulary for Word Wall: 沙漠、森林、盆地、高原、环境 Listen: 沙漠、森林、盆地、高原、环境 Read: Write: Speak: 沙漠、森林、盆地、高原、环境	
Materials: <input type="checkbox"/> "My Environments Book" <input type="checkbox"/> Reference Materials including a Physical Map of Utah <input type="checkbox"/> Various Art Supplies	Additional Lesson Vocabulary: Sentence Frames:	
Lesson: Locating Forests and Deserts	Instructional Time:	

Opening: (10 minutes)

T: What is a forest? (brainstorm ideas) 什么是森林?(脑力激荡)

T: Forests include oak, pine, aspen, and juniper areas where trees are a major feature of the environment. 森林包含橡树、松树、山阳及桧木地区等此种以树木为主的环境。

T: Let's learn more forests. 我们来学更多关于森林的事吧。

Introduction to New Material (Direct Instruction): (7 minutes)

Locating Forests:

- ☐ Have the students turn to the Locating Forests and Deserts Map in their "My Environments Book."
- ☐ Identify and label the middle section "Forests."
- ☐ Next, give each student a copy of the Forests Worksheet.
- ☐ Use the reference materials and physical map of Utah to complete and answer the questions about this region and label the map together.
- ☐ (Note: This is modeling the process of finding and recording information to help students be successful in the next activity – Locating Deserts.)

Guided Practice: (10 minutes)

Locating Deserts:

- ☐ Now that students are familiar with the maps, reference materials, and worksheet, let's look at Utah's deserts.

T: What is a desert? (brainstorm ideas) 什么是沙漠?(脑力激荡)

T: Deserts are areas where the lack of water provides an environment where plants needing little water are a major feature. 沙漠是指缺乏水分供应的地区以及只需少量水分的植物可生长的环境。

T: Let's learn more deserts. 我们来学更多关于沙漠的事吧。

T: The deserts of Utah fall into three regions: Great Basin Desert, Mojave Desert, and Colorado Plateau. Label these regions on the map. 犹他的沙漠分为三个区域:大盆地沙漠、摩哈维沙漠及科罗拉多高原。在地图上标示出这些地区。

- ☐ Divide the students into three groups.
- ☐ Assign each group one of the three deserts to research and give them the corresponding worksheet.
- ☐ When everyone is finished, present and share the information that was learned. Have the rest of the students update their maps as well.

Independent Practice: (6 minutes)

Create a Forest and Desert:

T: Let's make our own forest and desert. 我们来做自己的森林及沙漠吧。

- ☐ Divide students into two groups. One will create a forest and the other a desert.
- ☐ Assign a wall or area in the classroom to be your "forest" and another area to be the "desert."
- ☐ Have the students use art supplies such as butcher paper, construction paper, paint, crayons, markers, etc. to draw, cut, and glue together forest and desert environments.

Closing: (4 minutes)

T: We'll add more plants and animals to our environments. 我们要在自己的环境中加入更多的植物及动物。

Assessment:
