

Grade 4	Lesson: 1–5 Plants and Animals of Wetlands, Forests, and Deserts	Reference to English
Standard(s): 1.OA.1	Domain:	
Content Objective(s):	Language Objective(s):	
Identify common plants and animals that inhabit Utah's forests, wetlands, and deserts		
Essential Understanding:	Academic Vocabulary for Word Wall: 森林、沙漠、湿地 Listen: 森林、沙漠、湿地 Read: Write: Speak: 森林、沙漠、湿地	
Materials: <input type="checkbox"/> "My Environments Book" <input type="checkbox"/> Plant and Animal Picture Cards <input type="checkbox"/> Pictionary Words <input type="checkbox"/> Various Art Supplies	Additional Lesson Vocabulary: Sentence Frames:	
Lesson: Plants and Animals of Wetlands, Forests, and Deserts	Instructional Time:	

Opening: (10 minutes)

T: Let's play Pictionary! 我们来玩个图画字典的游戏。

- ☐ Divide the class into two teams.
- ☐ Take turns having a member of the team choose a word and draw a picture to see if their teammates can guess the word.
- ☐ Pictionary Words:

Wetland	Forest	Desert
Water	Tree	Hot
Swamp Bird	Cactus	

Guided Practice: (10 minutes) Sort Those Plants and Animals:

T: There are specific plants and animals that live in Utah's environments. Let's see if you can figure them out. 这些存在犹他的特定植物及动物。来看看你们是否可以将他们区别出来。

- ☐ Divide the students into groups.
- ☐ Give each group a set of Plant and Animal Picture Cards.
- ☐ Have them work as a group to see if they can identify which plants and animals live in wetlands, forests, and deserts.
- ☐ Have the students record the answers in their "My Environments Book."
- ☐ Once all the groups have finished sorting, work together to discuss and check their lists.
- ☐ Note: There are several insects included in the Plant and Animal Picture Cards. These insects can be found in any and all of Utah's Environments. For this activity, either have the students create an additional group of animals that can be found in multiple environments or remove the insect cards from the set before sorting.

Wetlands:

Bulrush
Cattail
Trout
Catfish
Muskrat
Carp
Beaver
Frog
Salamander

Forests:

Fir
Quaking Aspen
Utah Juniper
Coyote
Spruce
Cottontail Rabbit
Cottonwood
Jack Rabbit
Moose
Deer Mouse
Cougar
Rattlesnake
Mule Deer
Kangaroo Rat
Red Fox
Gopher Snake
Bobcat
Lizard
Elk
Tortoise
Crow
Pinyon Jay
Robin
Red-tailed Hawk
Barn Owl
Lark
Magpie

Deserts:

Sagebrush
Scrub Oak Brush
Prickly Pear Cactus
Cottontail Rabbit
Jack Rabbit
Deer Mouse
Rattlesnake
Kangaroo Rat
Gopher Snake
Lizard
Tortoise
Pinyon Jay
Red-tailed Hawk

Independent Practice: (6 minutes)

Create Plants and Animals:

T: Let's add plants and animals to the environments we created earlier. 再在各环境中加上我们先前创造的植物和动物。

- ☐ Allow students to select 1-2 cards from the plant and animal pictures you have been using.
- ☐ Have the students use art supplies such as butcher paper, construction paper, paint, crayons, markers, etc. to draw, cut, and glue together their plants and animals.
- ☐ Encourage students to make multiple copies of their chosen plant or animal in various sizes and positions to help your environment appear more realistic.

Example: A forest would not have just one fir tree, but instead a large group of fir trees.

Example: A desert would not have just one rattlesnake, but a many. Draw some rattlesnakes curled up sleeping under a rock, one stretched out traveling across the sand, and one poised to strike at a deer mouse.

Closing: (4 minutes)

T: Place the plants and animals in appropriate positions throughout the correct environment. 将各个动物和植物放置在正确环境的适当位子上。

Assessment:

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