

Grade 4	Lesson: 1-7 Animal Survival	Reference to English
Standard(s): 1.OA.1	Domain:	
Content Objective(s):	Language Objective(s):	
Cite examples of physical features that allow particular plants and animals to live in specific environments.		
Essential Understanding:	<p>Academic Vocabulary for Word Wall:</p> <p>Listen: 湿地 沙漠 森林</p> <p>Trout 鲑鱼 Moose 驼鹿 Coyote 胡狼</p> <p>Catfish 鲶鱼 Cougar 美洲狮 Cottontail Rabbit 白尾灰兔</p> <p>Muskrat 麝鼠 Mule Deer 黑尾鹿 Jack Rabbit 大野兔</p> <p>Carp 鲤鱼 Red Fox 红狐狸 Deer Mouse 鹿鼠</p> <p>Beaver 河狸 Bobcat 山猫 Rattlesnake 响尾蛇</p> <p>Frog 青蛙 Elk 麋鹿 Kangaroo Rat 跳鼠</p> <p>Salamander 蝾螈 Crow 乌鸦 Gopher Snake 牛蛇</p> <p>Robin 知更鸟 Lizard 蜥蜴 Barn Owl 仓鸮</p> <p>Tortoise 乌龟 Lark 云雀 Pinyon Jay 松鸡</p> <p>Magpie 喜鹊 Red-tailed Hawk 红尾鹰</p> <p>Read: 湿地 沙漠 森林</p> <p>Write: 湿地 沙漠 森林</p> <p>Speak: 湿地 沙漠 森林</p> <p>Trout 鲑鱼 Moose 驼鹿 Coyote 胡狼</p> <p>Catfish 鲶鱼 Cougar 美洲狮 Cottontail Rabbit 白尾灰兔</p> <p>Muskrat 麝鼠 Mule Deer 黑尾鹿 Jack Rabbit 大野兔</p> <p>Carp 鲤鱼 Red Fox 红狐狸 Deer Mouse 鹿鼠</p> <p>Beaver 河狸 Bobcat 山猫 Rattlesnake 响尾蛇</p> <p>Frog 青蛙 Elk 麋鹿 Kangaroo Rat 跳鼠</p> <p>Salamander 蝾螈 Crow 乌鸦 Gopher Snake 牛蛇</p> <p>Robin 知更鸟 Lizard 蜥蜴 Barn Owl 仓鸮</p> <p>Tortoise 乌龟 Lark 云雀 Pinyon Jay 松鸡</p> <p>Magpie 喜鹊 Red-tailed Hawk 红尾鹰</p>	
Materials: <input type="checkbox"/> "My Environments Book" <input type="checkbox"/> Animal Picture Cards (1 set per group) <input type="checkbox"/> Envelopes (1 per group)	Additional Lesson Vocabulary: Sentence Frames:	
Lesson: Animal Survival	Instructional Time:	

Opening: (10 minutes)

- Divide the students into groups. 把学生分组。
- Give each group a set of Animal Picture Cards in an envelope. (Note: Be sure to remove the plant and insect cards from the set.) 给每组一套动物的卡片。(注: 确保拿出了植物和昆虫的卡片)
- How fast can they sort the animals into their environments? 他们可以多快按照动物各自的生活环境分类?
- Review the environment categories of: wetland, forest, desert. 复习环境的分类: 湿地、森林、沙漠。
- Ready, set, go! Have the students sort the animals into the correct environments as quickly as possible. Have them call out when they are finished. Give them their time. 准备, 开始! 让学生尽可能快的把动物按正确环境分类。让他们做完后喊出。给他们时间。
- When everyone is finished, correct the lists together. 当都做完时, 一起修改。

Wetlands:

Trout 鲑鱼
Catfish 鲶鱼
Muskrat 麝鼠
Carp 鲤鱼
Beaver 河狸
Frog 青蛙
Salamander 蝾螈

Forests:

Moose 驼鹿
Cougar 美洲狮
Mule Deer 黑尾鹿
Red Fox 红狐狸
Bobcat 山猫
Elk 麋鹿
Crow 乌鸦
Robin 知更鸟
Barn Owl 仓鸮
Lark 云雀
Magpie 喜鹊

Deserts:

Coyote 胡狼
Cottontail Rabbit 白尾灰兔
Jack Rabbit 大野兔
Deer Mouse 鹿鼠
Rattlesnake 响尾蛇
Kangaroo Rat 跳鼠
Gopher Snake 牛蛇
Lizard 蜥蜴
Tortoise 乌龟
Pinyon Jay 松鸡
Red-tailed Hawk 红尾鹰

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

Living in a Wetland: 生活在湿地:

- T: Let's look at the animals in the wetland group. 让我们一起看看生活在湿地的动物。
- T: Why do they live in a wetland instead of a forest or desert? 它们为什么生活在湿地而不是沙漠?
- T: What does the wetland provide that they need? 湿地为它们提供了什么需求?
- T: What similar characteristics do they have? 它们有什么相似的特征?
- Record these characteristics in their "My Environments Book." 把这些特点记录在《我的环境书》里。

Guided Practice: (10 minutes)

Living in a Forest: 生活在森林:

- T: Now look at the animals in the forest group. 现在看看生活在森林里的动物。
- T: What do they have in common? 它们有什么共同点?
- T: Why do they live in a forest area rather than the wetland or desert? 它们为什么生活在森林而不是湿地或是沙漠?
- T: What does the forest provide that they need? 森林为它们提供了什么需求?
- Record these characteristics in their "My Environments Book." 把这些特点记录在《我的环境书》里。

Independent Practice: (6 minutes)

Living in a Desert: 生活在沙漠:

- T: Finally, look at the animals in the desert group. 最后看看生活在沙漠的动物。
- T: What do they have in common? 它们有什么共同点?
- T: Why do they live in a desert? 它们为什么生活在沙漠?
- T: How do they survive the desert's harsh climate? 它们怎么在沙漠的严寒气候存活?
- Record these characteristics in their "My Environments Book." 把这些特点记录在《我的环境书》里。

Closing: (4 minutes)

- Note: This is a good time to discuss cold blooded creatures and how they survive by using their environment to warm or cool their bodies. 注: 这是一个讨论冷血动物的好机会。它们如何利用调节自己的身体冷热来适应环境。
- Note: Help student see how different animals in the desert survive by eating one another. There is very little food available in the desert, so the animals depend on one another for food as well. 注: 帮助学生了解不同的沙漠动物如何通过吃掉其他的动物来生存。在沙漠里有很少的食物, 所以这些动物依靠其他的动物作为食物。

Assessment:

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