

# guess where i Live!

Sorting game illustrating the relationship between  
the needs of plants, animals, & the places they live



by. sue Cahalane, Science Teacher, Grades PK - 4

Next Generation Science Standard (NGSS)  
addressed in this packet:

Grade K: INTERDEPENDENT RELATIONSHIPS IN  
ECOSYSTEMS: ANIMALS, PLANTS, & THEIR ENVIRONMENT

**K-ESS3-1:** Use a model to represent  
the relationship between the needs of  
different plants or animals (including  
humans) and the places they live.



I do this as a class activity on our classroom rug where we all sit in a circle. We place the 7 habitat pictures in the center of our circle. Everyone gets an animal or plant card. For each child I ask, "What is on your card?" Then I read what the card says to the class (some of my kinders can read the cards but not all!) We decide where the animal or plant lives and my student places the card onto the correct habitat. We continue until everyone has had a turn. For each card, I emphasize the "relationship between the needs of different plants or animals and the places they live"

Example:

What does the snake need to live? (food, water, warmth)

Why doesn't he live in the North Pole? (it is too cold)

Why does he live in the desert? (It is warm and he can eat mice)

ANSWER KEY (NOTE: SOME PLANTS & ANIMALS MAY FIT INTO MORE THAN 1 HABITAT)

	habitat	PLANTS & ANIMALS
1	Forest	robin, deer, man who needs lumber, oak
2	Rainforest	monkey, vine, sloth
3	Desert	snake, cactus, lizard
4	Meadow	grass, flowers, grasshopper, bee
5	Ocean	whale, sea jelly, seaweed, sea star
6	North & South Poles	penguin, polar bear, snowy owl
7	Fresh Water	water lily, frog, girl who needs water

After we figure out which plants & animals live in which habitat, I then set up the habitats with 3-4 plants & animals – one of which is wrong. I have my students figure out which one does not belong & we discuss why.

Example:

Ocean habitat with pictures of sea star, sea jelly, whale and grasshopper.

Which animal does not live here? (grasshopper)

Why? (Grasshoppers eat grass and they cannot breathe underwater)

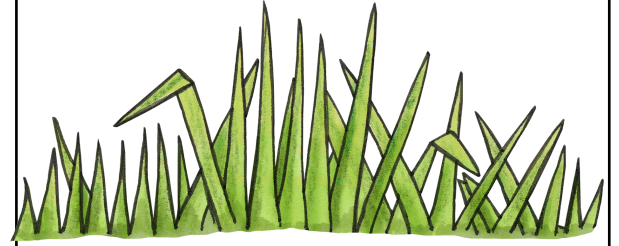
Why do sea stars live in the ocean? (They eat clams and they can breathe underwater)



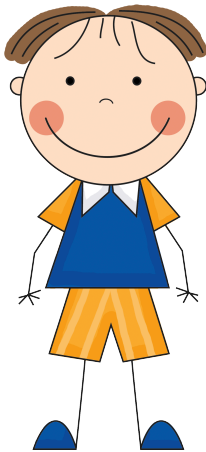
**A deer needs  
leaves to eat.**



**Monkeys need  
to live in trees.**



**Grass needs  
sunlight to grow.**



**A man needs wood to  
build a home.**



**Water lilies need to  
live in the water.**



**A vine needs to climb a  
tree to reach the sunlight.**





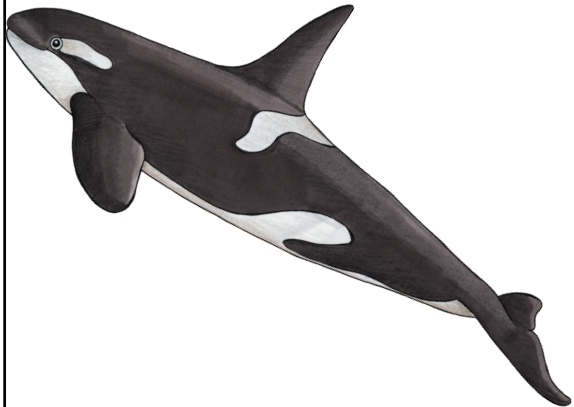
**A snake needs  
heat to live.**



**A frog needs  
water to live.**



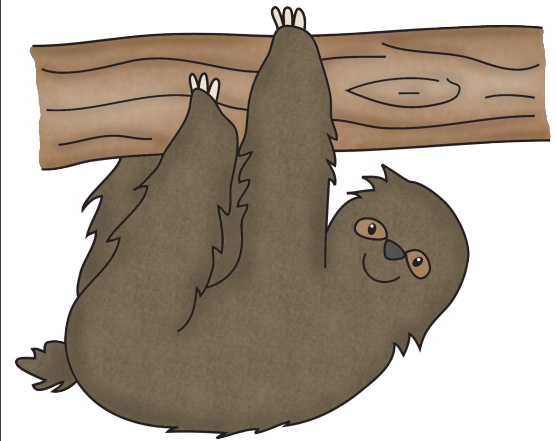
**A penguin needs  
to slide on the ice.**



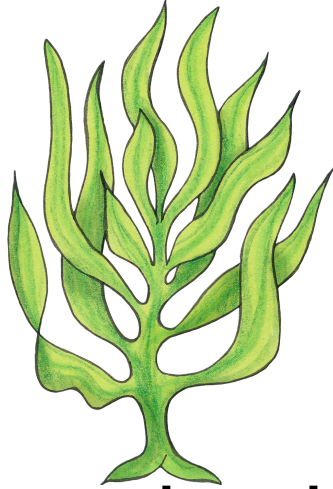
**Killer whales need  
fish to eat.**



**Polar bears need  
seals to eat.**



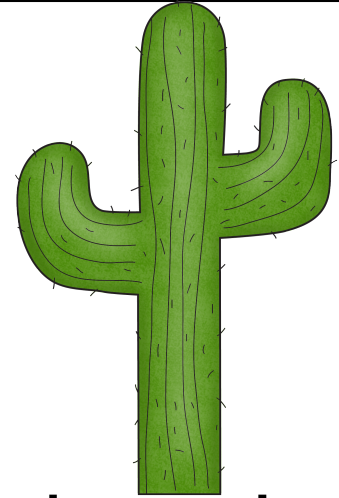
**A sloth needs to hide  
in the trees.**



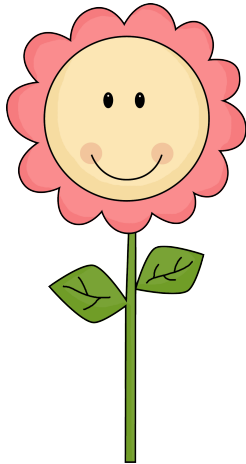
**Seaweed needs to  
live in water.**



**A snowy owl needs to  
eat snowshoe hares .**



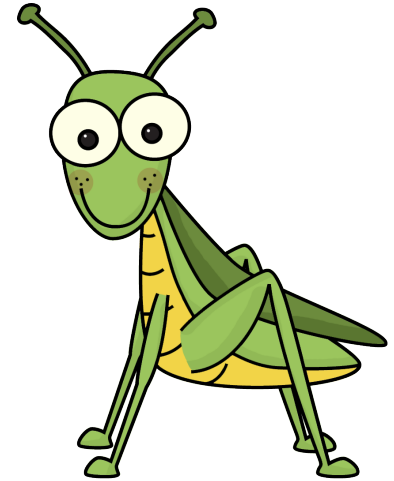
**A cactus needs very  
little rain.**



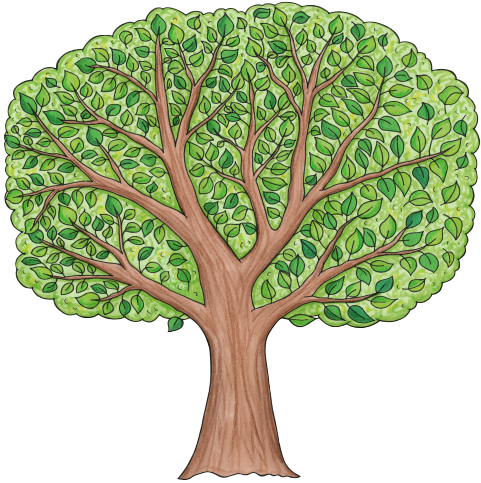
**Flowers need  
sunlight and rain.**



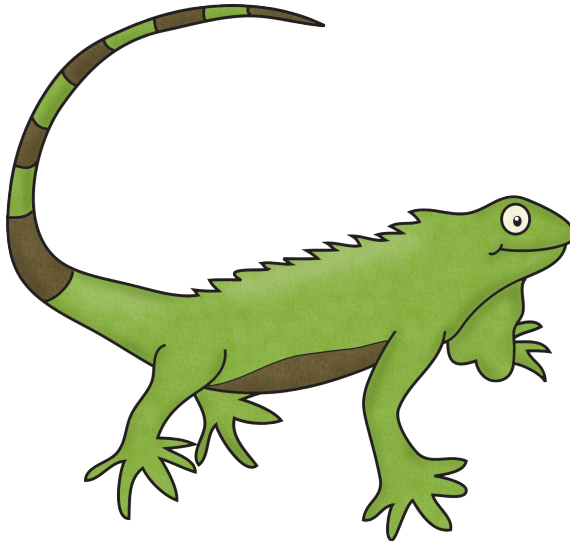
**Sea jellies need to  
live in the water.**



**Grasshoppers need  
to eat grass.**



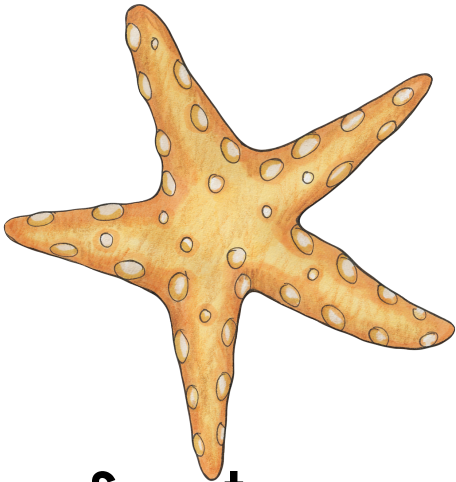
**Trees need  
sunlight.**



**Lizards need heat.**



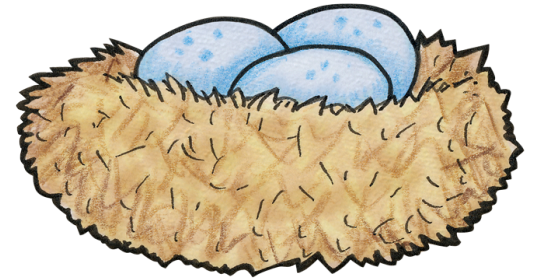
**We need water to  
grow food.**



**Sea stars need  
clams to eat.**



**Bees need flowers  
to make honey.**



**Robins need trees  
to build nests.**

# Forest

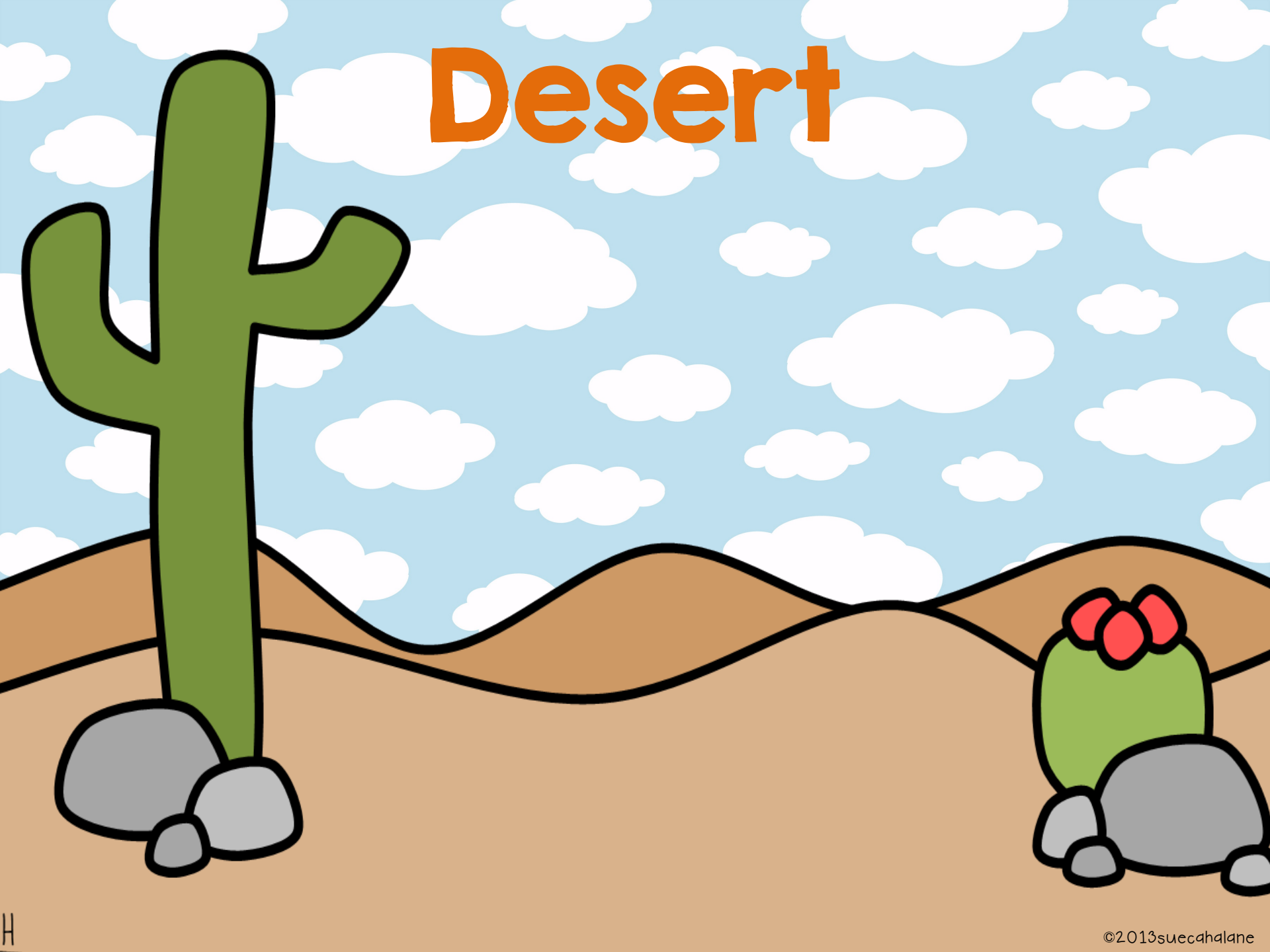




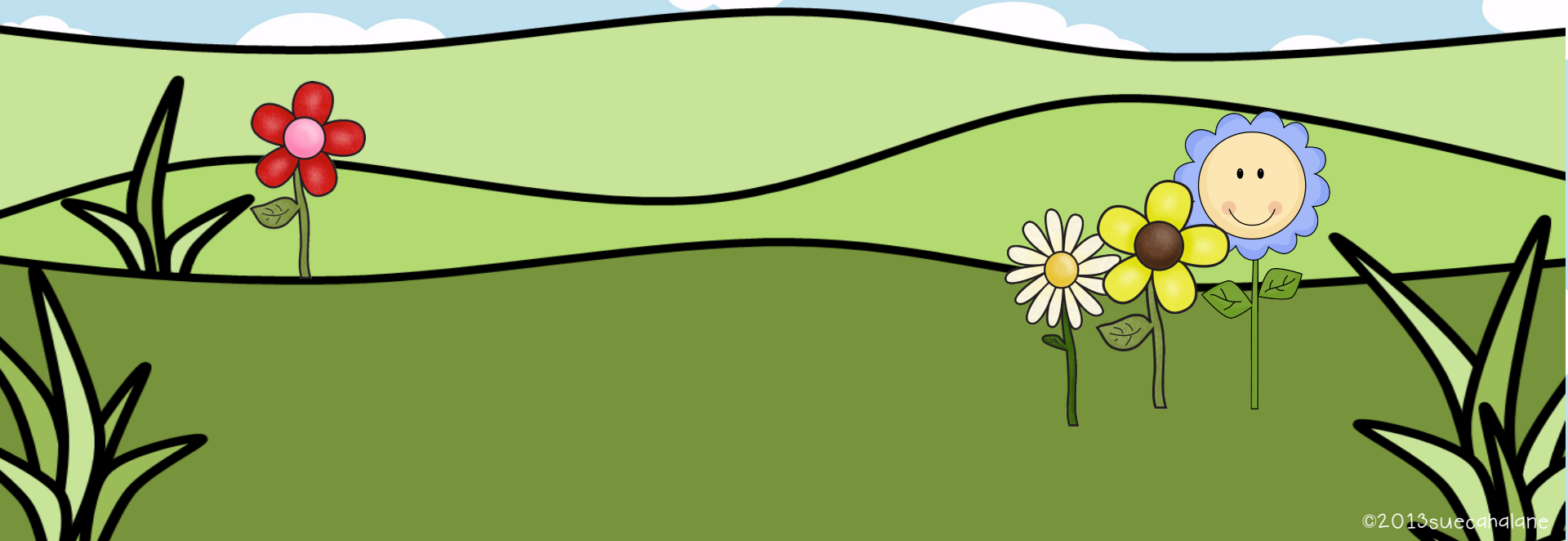


# Rainforest

# Desert



# Meadow

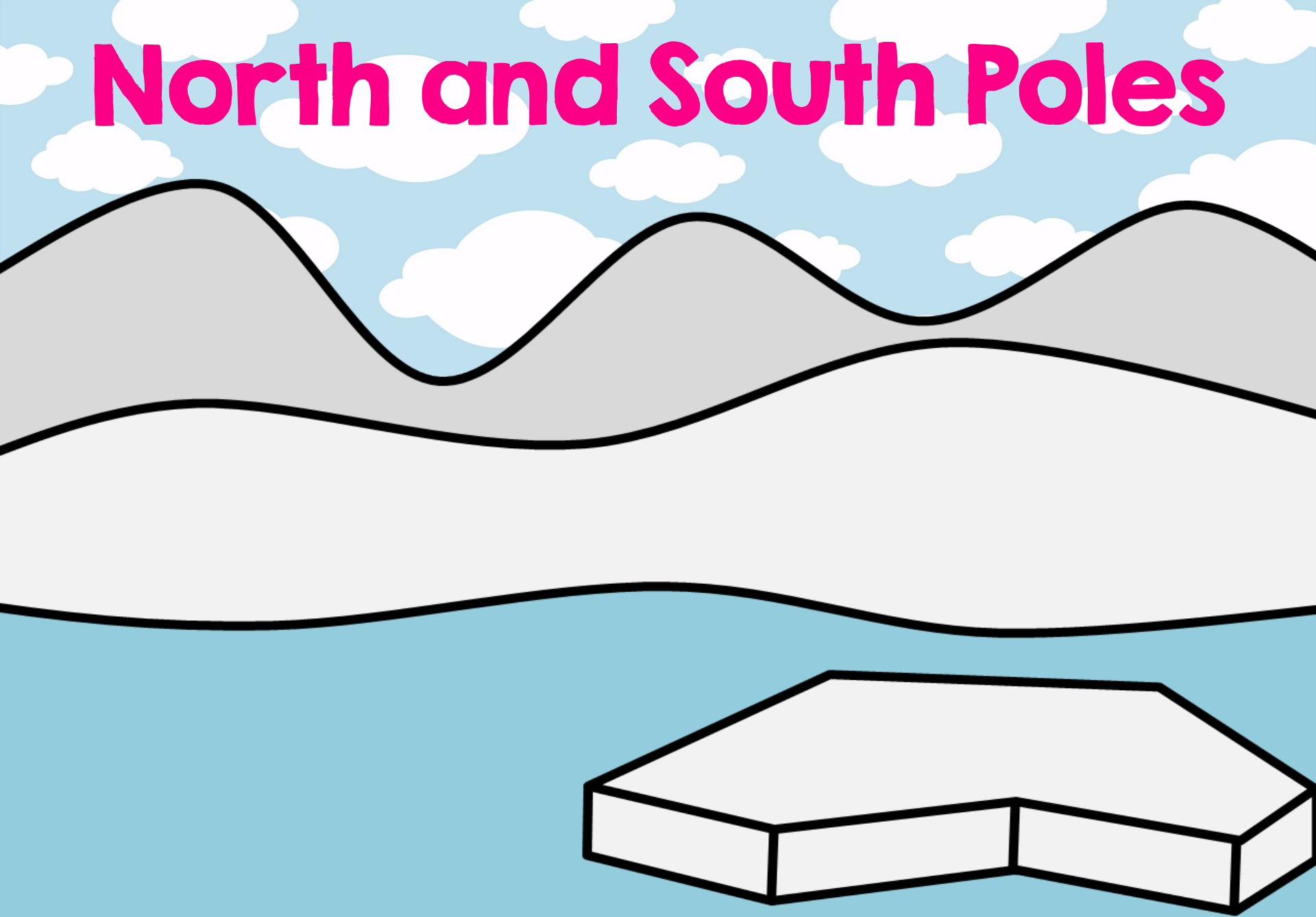




Ocean



# North and South Poles



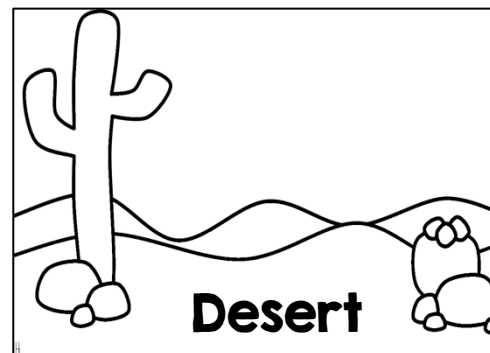
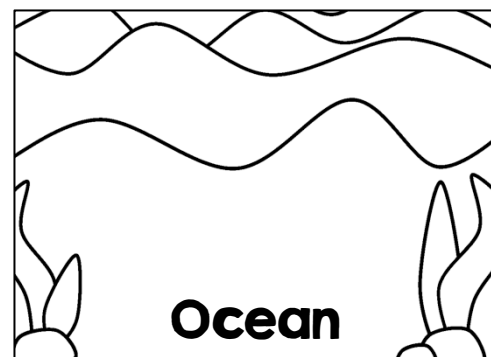
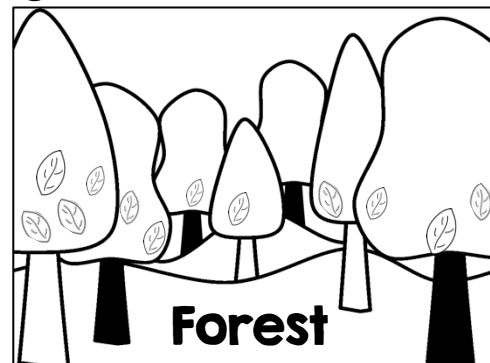
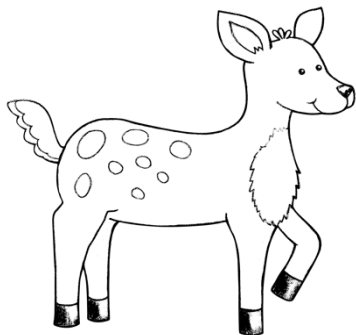
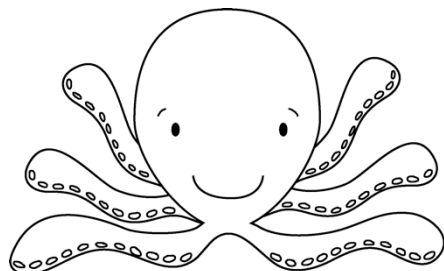
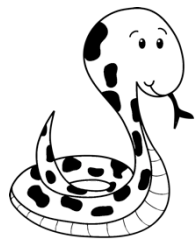
# Fresh Water



Name \_\_\_\_\_

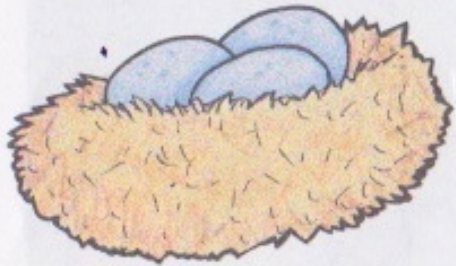
# Animal Homes

Draw a line from the animal to his home:



# Forest

Why do these creatures need to live here?



Robins need trees to build nests.



A man needs wood to build a home.



A deer needs leaves to eat.



# Meadow



Grasshoppers need  
to eat grass



Bees need flowers  
to make honey.



Sea stars need  
clams to eat.

Which one does  
not belong?

# thank you!

Thank you so much for purchasing this unit! I hope you and your students enjoy the hands-on science activities.

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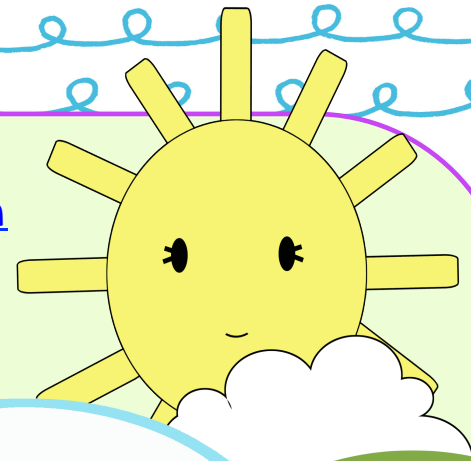


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