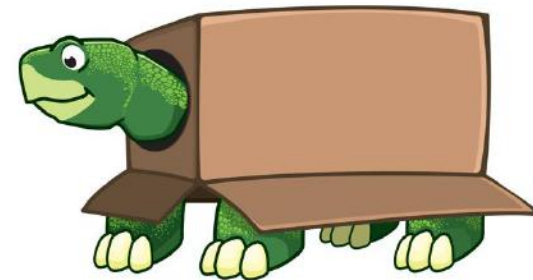
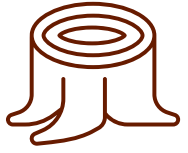


# The DS Smith Biodiversity Rangers!

With our friend, Corrtle the  
Box Turtle!



# What are we talking about today?



- An overview of our planet



- Biodiversity & food webs



- Threats to biodiversity



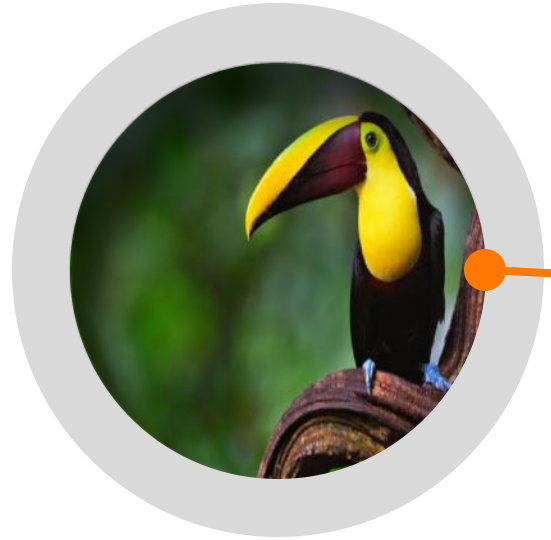
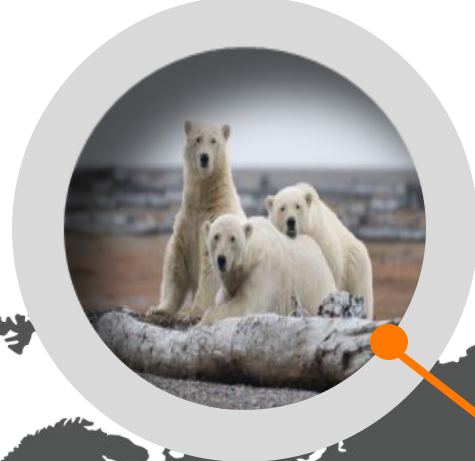
- Corrtle's 5 Do's and Don'ts of Biodiversity

Each of these areas  
is called a BIOME.

There are five major biomes  
on Earth, and they are  
scattered all around the  
world. Within each biome,  
there are dozens and  
dozens more types of  
ecosystems!









**Biodiversity** is the enormous variety of life on Earth. More specifically, all the species in one place.

**Bio** from Biology (the study of living things)  
**Diversity** from Diverse (showing a great deal of difference)



**Gabriella**  
the Gopher Frog




**Carnivore:**  
I eat other animals.



I am one of the many animals that lives in burrows created by gopher tortoises!

**Ingrid**  
the Indigo Snake



**Carnivore:**  
I eat other animals.



I am the longest snake native to the US!

**Allison**  
the Ant




**Omnivore:**  
I eat plants and animals.




All the ants on Earth are heavier than all the people on Earth!

**Will**  
the Red Cockaded Woodpecker



**Omnivore:**  
I eat plants and animals.



I rely on the longleaf pine tree to get shelter and to get insects from to eat!


**Sascha**  
the Sun




**I don't eat anything!**  
I provide energy to all the producers!

More than one million Earths could fit inside of me!

**Belinda**  
the Berry Bush



**Producer:**  
I get my energy from the sun.



I put more than 200 tiny seeds on the outside of my fruits!

**Lana**  
the Long Leaf Pine



**Producer:**  
I get my energy from the sun.



I can live for up to 400 years!

**Sonja**  
the Gray Squirrel



**Omnivore:**  
I eat plants and animals.



My eyes are positioned so that I can see things behind me without even turning around!

**Mo**  
the Mushroom




**Decomposer:**  
I break down other organisms.




My underground filaments allow trees to send signals to each other when danger is near!

**Doug**  
the Whitetail Deer

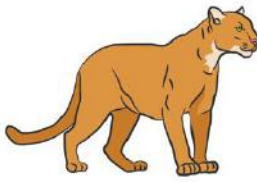


**Herbivore:**  
I only eat plants.




My very strong stomach has four chambers, which allows me to eat over 600 plant species!

**Mindy**  
the Mountain Lion




**Carnivore:**  
I eat other animals.




I am the biggest cat in North America, and I travel up to 25 miles every day!

**Greg**  
the Gopher Tortoise



**Herbivore:**  
I only eat plants.



I am a builder! I dig burrows that provide shelter for hundreds of other animals!

# Food Webs Activity Instructions

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- Every group should have 12 animal cards from the longleaf pine forest
- You will organize these cards on a poster board and use your markers to draw arrows from an organism to the other organism that eats it!
- Your posterboard will be filled with lots and lots of arrows when you're done.



Plants and  
animals  
remain  
healthier

We get  
access to  
safe,  
nutritional,  
healthy food

We use  
thousands  
of plant  
species to  
make  
medicine

Industries  
such as  
agriculture  
and paper  
making are  
conserved



Some of the biggest threats to biodiversity are:

Loss of habitat and forest

Diseases

Air, water, and land pollution



These are  
Corrtle's 5  
Biodiversity  
Do's and  
Don'ts!







Leave only  
footprints and  
take only  
photos!

Avoid taking  
things out of  
nature or  
leaving behind  
any trash.



Keep wildlife  
wild!

Feeding wildlife,  
even squirrels or  
birds, can alter  
their behavior in  
very dangerous  
ways.



Shop smart!

Don't buy things made of teeth, scales, feathers, or shells. Only buy what you need to avoid wasting resources.





Be a friend to  
all animals!

Some animals may  
look scary, but they  
are very important  
to their habitats.  
Talk about how  
important they are,  
and support all the  
animals in your  
community!





Be a role  
model.

Show people  
what you've  
learned about  
taking care of  
nature, inspire  
them to be like  
you!



# Thank You

Danke Dankjewel Благодаря 谢谢 Hvala Děkuji Tak Aitäh Kiitos Merci Ευχαριστώ  
Köszönöm Grazie Paldies Ačiū Ви благодарам شكرا لكم Dziękuję Obrigado Mulțumesc  
Ďakujem Gracias Tack ขอบคุณ Teşekkür ederim

**The Power of Less®**