

The Arctic

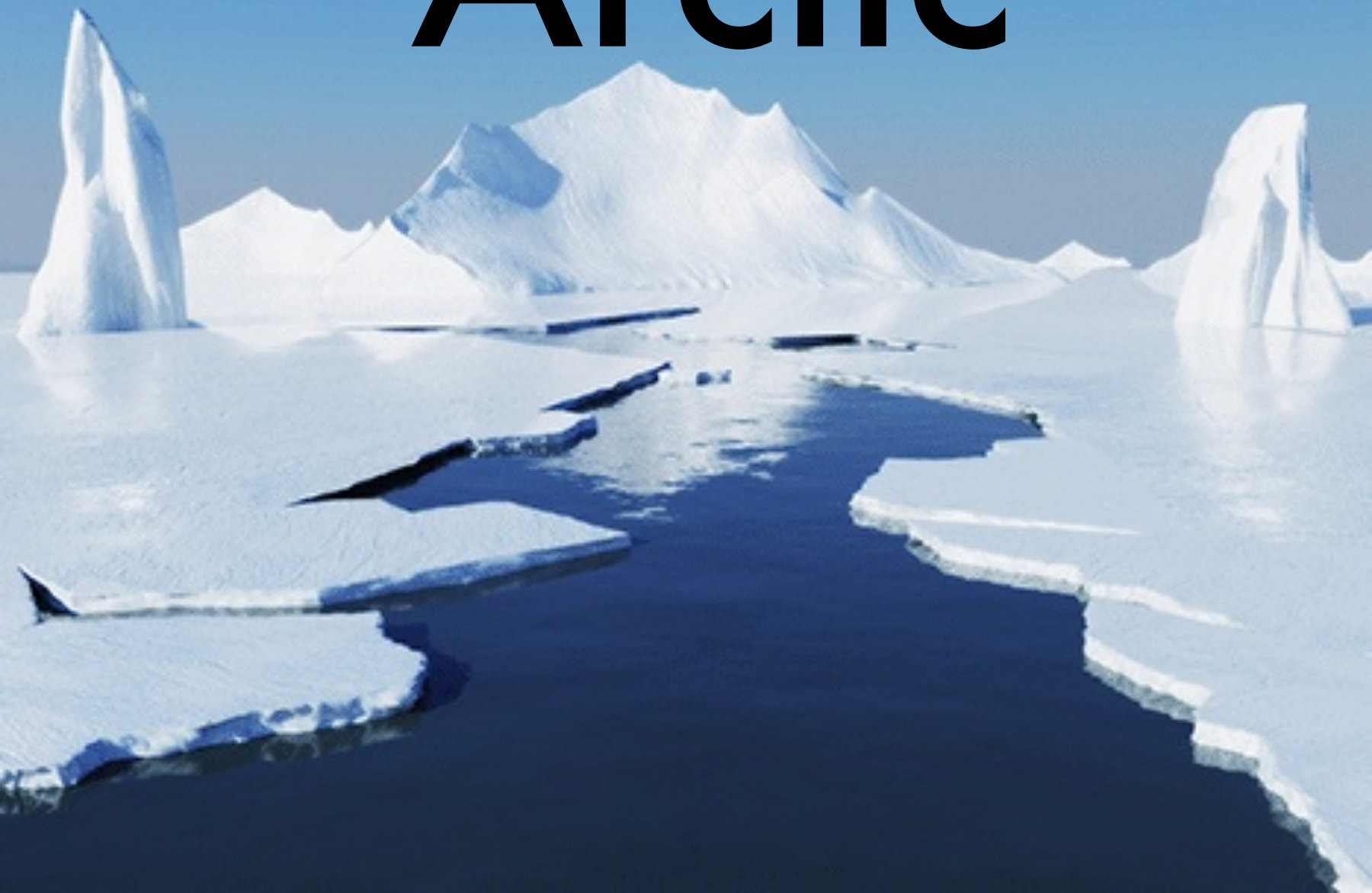


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Some animals that live in the Arctic

Many animals live in the Arctic, such as mammals, fish, and birds. Some animals live in the cold by using their fur, blubber, and/or body heat. Some animals can also live by being at the top of the food chain. Some animals can also live by using Arctic camouflage .



The Arctic Polar bear survives by blending in with their white fur in the snow, which is called camouflage.

Some plants that grow there

Antarctica
is mostly
covered
in snow.
But other
Arctic
places
can have
shrubs,
grasses,
mosses,
herbs,
sedges,
flowers,
and trees.



Flowers cover most of the
Arctic tundra during July
and August.

Continents where the Arctic is found

The continents North America and Antarctica are home to Arctic animals. They also have many differences, such as Alaska (in North America) being closer to the equator, and Antarctica being larger than Alaska.



The Arctic is a very cold place, so you can't survive without essential gear. This is a picture of the Arctic, observe it and think about what you might need.



There can be millions of icicles in one Arctic cave.

Climate in the Arctic

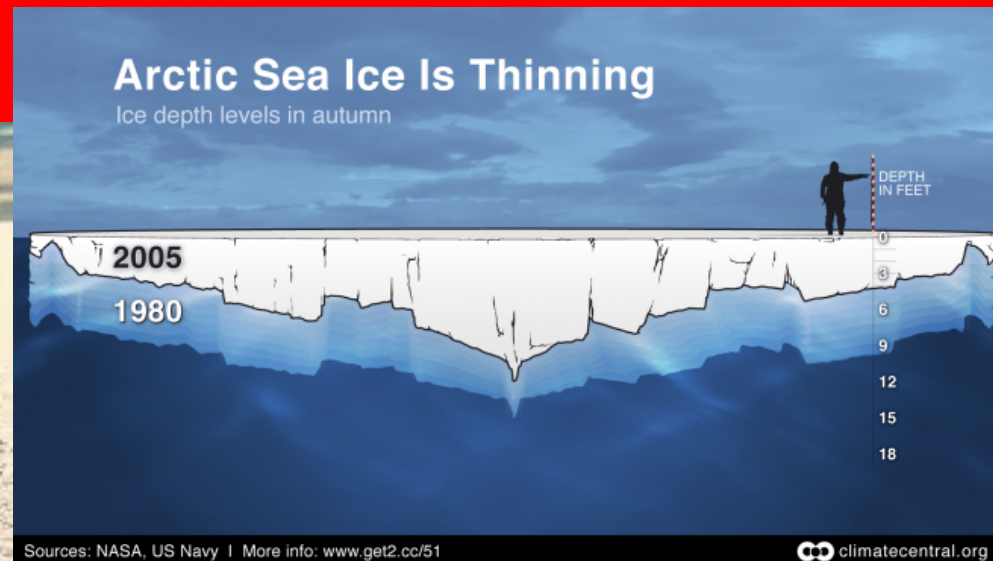
The temperature in the summer is usually -50 degrees F. (-10 degrees C.) In the winter it is about -30 degrees F. (-34 degrees C.) It can also be MUCH colder! The Arctic has permanently frozen soil, called perma-frost.

Interesting Facts

The Arctic is too cold and dark to support most plant life. Some scientists live in the Arctic called Eskimos. Some parts of the Arctic are covered with ice all year!



Interesting pictures



Polar Bears



Physical Description Of A Polar Bear

Polar bears are mammals, and look like the white snow for great camouflage. An average male polar bear weighs over 1,000 pounds, and it's around 10 feet long! Female polar bears are smaller about 8 feet long. They have a cream colored coat of fur. They don't have scales so they breathe through their noses.

Polar bears are just as comfortable on land as they are in the water. Polar bears can swim or walk any time.

Family Of A Polar Bear

Polar bear cubs are born only in the winter. The female polar bear can normally only have twin cubs or three cubs every two or three years. The baby polar bears are really cute, really little, have a really creamy white color of fur, and really really love to play in the snow!



Polar bear family.

What Polar Bears Eat

Polar bears are carnivores so they eat meat. In summer they may eat leaves and berries, but they prefer meat. Polar bears eat 8 lbs. of meat each and every day.

They eat all kinds of seals, fish, and other smaller sea mammals. Polar bears sometimes attack walrus herds. The walruses run to sea for safety. Any walrus left behind is an easy prey for the polar bear.





Eskimos
in the
arctic.

Enemies of a Polar Bear

Polar bears can camouflage in the snow with a creamy white color of fur. Polar bears are the kings and queens of the north so they live in peace. The polar bears are at the top of the food chain. That means they have no real enemies to speak of. The polar bears' main enemies are humans.

Life Cycle Of A Polar Bear

Polar bears start out as babies first. Polar bears don't hatch from eggs because they are mammals. Next, they are children and they are just learning how to do things. The average life span of a polar bear is 15-18 years old. Then, they are adults and they move out to their dangerous life.

The mother polar bear will nurse its cub until the age of 2 and a half. Finally, they mate, and after that, the life cycle goes over and over again!

DID YOU
KNOW?!?!
It's not un
common
to find a polar
bear
at the age of 25!!!!



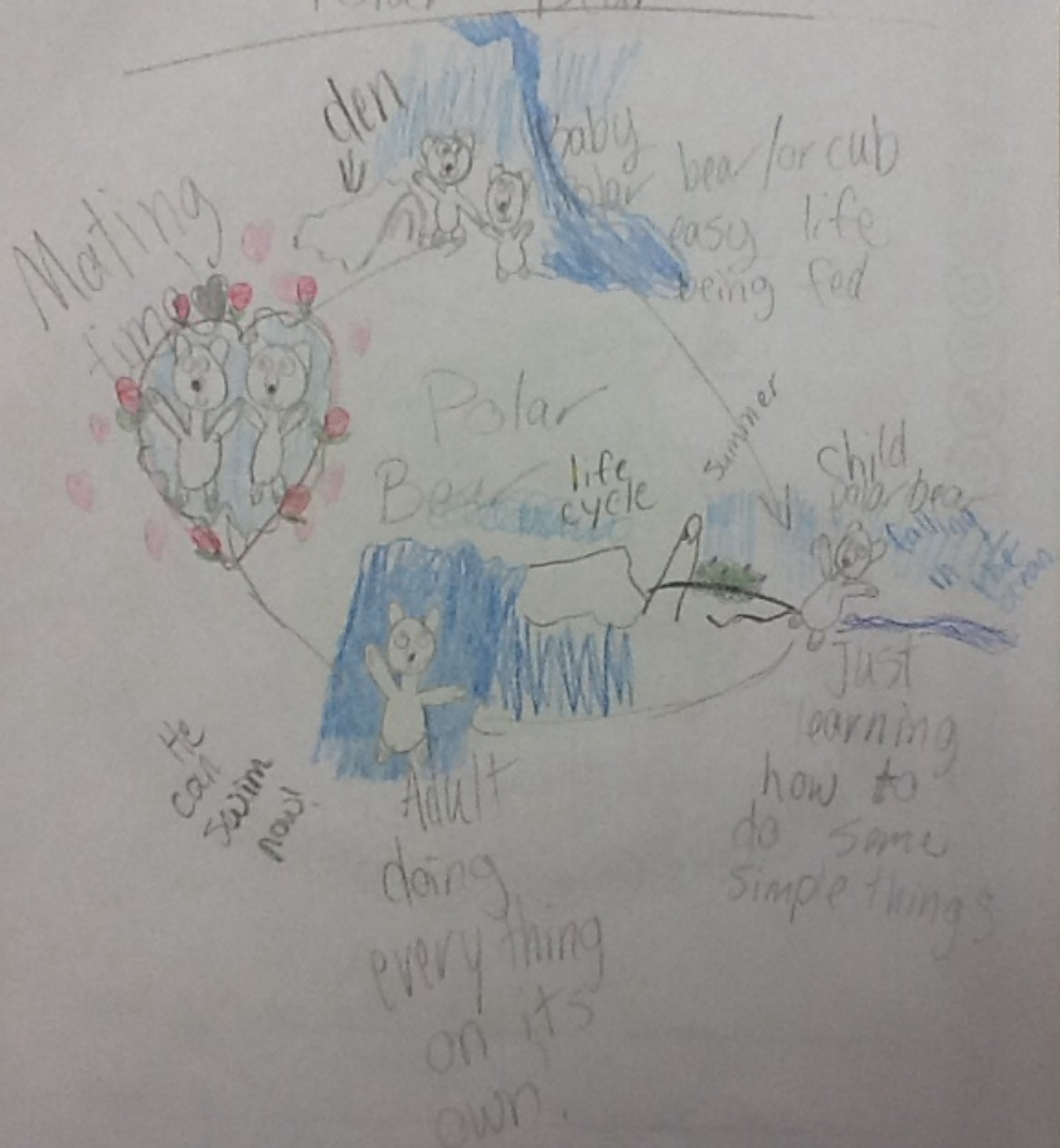
Interesting Facts

The baby polar bear is called a cub. When the cub is born, it's deaf and blind in a snow den built by its mother. Polar bears are almost invisible to infrared cameras.

Their fur and skin are both very unique. Polar bears' skin is actually black. All polar bears are left-handed.



Life cycle of a Polar Bear



Seals

Physical description of a Seal



Seals are mammals. Some seals have fur and some don't. Different seals can have a different height, weight, and length, for example, the southern elephant seal can weigh up to 6,600 pounds. A seal's flipper helps it walk. A seal breathes through its nostrils.

This baby seal is trying to camouflage in the snow.

Family of a Seal

A mother seal has one pup, but if there is something rare, then two pups are born. Some of the baby seals have fur and some don't.

Seals live in saltwater oceans all over the world.



What seals eat

Seals eat fish, shellfish, and squid. Seals are meat eaters. Seals are able to dive very far into the water, when they need to find food. Seals don't take time to chew their food even though they have sharp teeth. When they eat small food, they simply swallow.

A squid can be a seals diet.



Enemies of a seal

A seals' main
enemy is a
polar bear.



Seals' enemies
are polar bears,
killer whales,
sharks, and
sometimes
dolphins. Seals
can get away
from enemies by
swimming very
fast.

Seals
have
many
enemies.



Interesting facts about seals



Seals are mammals. Mammals are warm blooded, which means their bodies stay about the same temperatures in both hot and cold surroundings.

Seals belong to a group called marine mammals, they are also called pinnipeds.

A male southern-elephant seal can weigh up to 6,600 pounds. Seals live in saltwater oceans all over the world.



A harp Seal's life Cycle

They begin
as a baby
harp seal
with white
fur to
protect them
from predators.



After about
3 weeks they
begin to lose
their fur
and obtain
a sleek gray
leather coat.



Beyond this
point, they spend
most of their
life in the water
feeding on small
fish like shrimp,
salmon, octopus,
flounder, cod, plankton
and squid.



Penguins

Physical description of a penguin

Penguins are mammals, and also birds, but they can't fly, so it only walks for its usual transportation. Penguins are usually black with white in the middle, which makes them look like funny little men in tuxedos. They also have orange and red in the neck area. Penguins look like this because of their fur. Penguins need their fur or else they'll freeze to death! Penguins have lungs, but the weird thing is, they can stay underwater for a long time!



Baby penguins playing



A penguin's life

From January through March, a penguin feeds its chick. In April, they travel 60-100 miles to the rookery. A penguin mates in May. From June to July, the males incubate the eggs. In August, the eggs hatch. From September to October, it's feeding time again! From November to December, the males leave, and the life cycle repeats!



What penguins eat

Penguins eat krill and fish, so they are carnivores. Penguins find their food in the ocean. A penguin's digestive system has 6 primary components: Esophagus, crop, stomach, gizzard, intestines, and cloaca. penguins have flippers to help them swim fast and catch their food.



Penguins' family

Penguins live with many other penguins. Penguins lay eggs in a place called a rookery. When the eggs hatch, they take care of their babies until winter, then when spring comes, the baby penguin knows how to feed itself from its parents. Most penguins mate once a year during spring or summer. Emperor penguins mate in the winter. Penguins' babies are black with grey in the middle. Most penguins lay 2 eggs but emperor penguins lay 1.



Penguins' enemies

Penguins have many enemies, more than you think! A penguin's main enemy is the Leopard seal. A Killer whale could eat a penguin, but only if it was **EXTREMELY** hungry. Some more enemies are: Polar bears, Sharks, orcas, skuds, and us today, humans.



Interesting facts about penguins

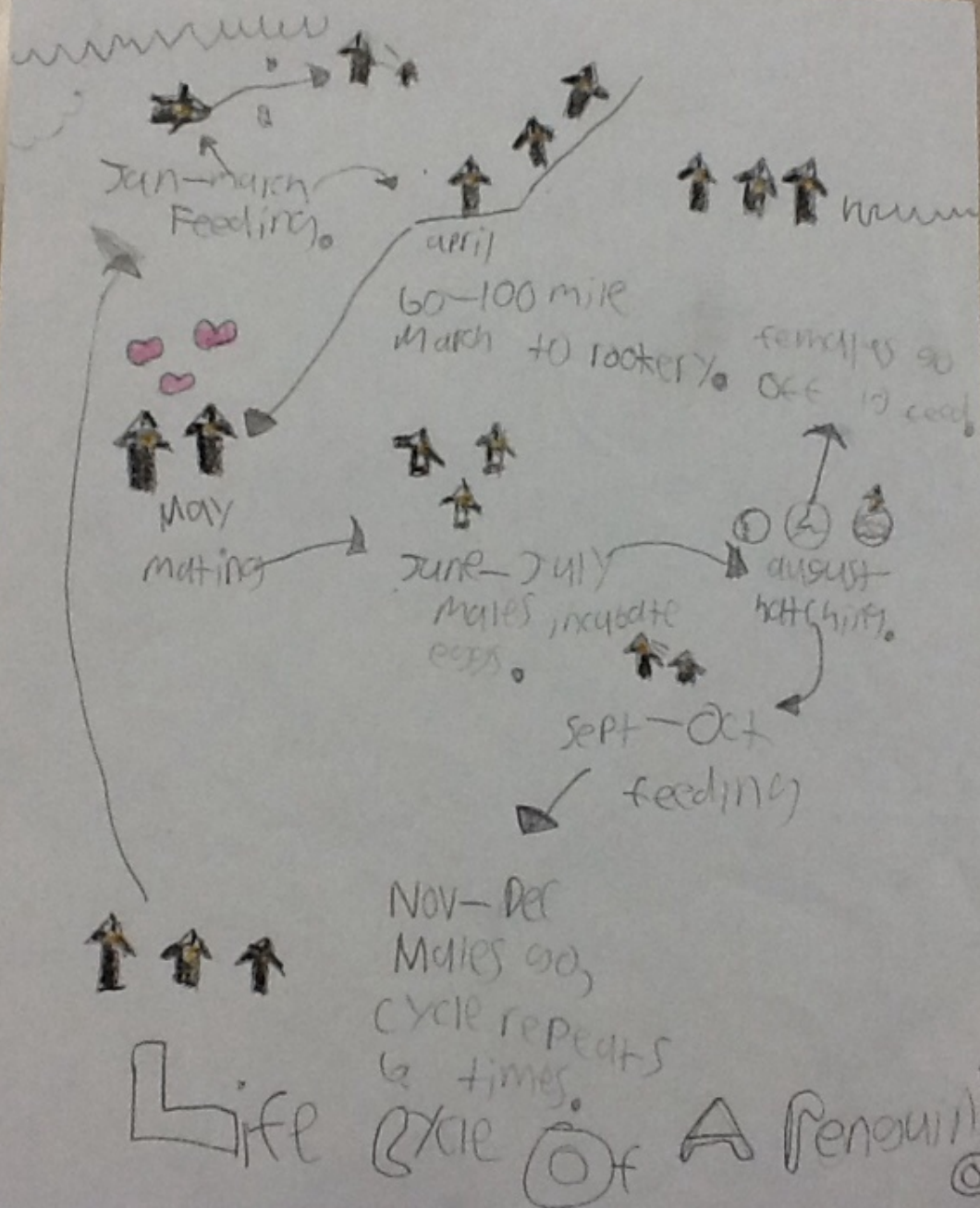
Penguins do "the wave" to keep warm by stepping back and forth, which alerts other penguins.

Penguins almost never miss their prey.

Penguins can catch 2 krill every second and 14 fish every 20 seconds.

Some penguins have special shoes that help them walk.





About Peri

PERI

My name is Peri Case. I am currently 9 years old, and I live in Westerville, Ohio. Many people are interested to know that my hobbies include: soccer, playing outside, and I dance. Most of the time I surround myself with people that I care about. My birthday is February 8th, 2005. My favorite music is "Let it go" my favorite sports are soccer and dance, my favorite books are the "dork diaries" series. My favorite movies are Harry Potter and Frozen. My favorite place would be home. I would like to take a vacation to California. Three words that describe me would probably be nice, awesome, and crazy.



About Jenna

My name is Jenna Musa. My birthday is December 17, 2004. I am currently 9 years old. Three words that describe me are crazy, awesome, and kind. My favorite food is ice cream. My favorite music is "Let it go" from the movie, Frozen. My favorite book is the "Dork Diaries" series. My favorite movies are "Frozen" and "Harry Potter". My favorite place is home.

JENNA



About Owen

My name is Owen Scattergood. My nickname is "big O' tires". My birthday is December 20, 2004. I am currently 9 years old. Three words that describe me are awesome, funny, and street-smart. My favorite food is bacon. My favorite kind of music is rap. My favorite sport is Taekwondo. my favorite book is "Invasion of the Overworld: a minecraft novel" my favorite place is minecon. Unlike others, I am a youtuber!



OWEN

Glosary

Alert- a warning of danger or safety.

Blubber- A layer of fat to keep most animals in the Arctic warm.

Camouflage- to blend in with it's home, surroundings, or habitat.

Carnivore- A meat eater that does not eat veggies or fruit.

Crop- A bird's gullet that stores food for throwing-up.

Cub- A kind of baby bear, when it is still little.

Eskimo- A member of an indigenous people inhabiting northern Canada, Alaska, Greenland, and Eastern Siberia, traditionally living by hunting [esp. of seals] and by fishing.

Flipper- flat limbs of a sea creature such as a Seal or a Dolphin that help it swim.

Mammals- warm-blooded animals like people.

Prey- an animal hunted or caught for food.

Rare- infrequently occurring or uncommon.

Sedge- a grasslike plant with triangular stems and inconspicuous [means a kind of flower]

Uncommon- not common and/or not easily found or seen.[un means not]