THIS HONOR WAS PRESENTED BY THE:

LAKE UNION
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ENDANGERED SPECIES HONOR

THIS HONOR IS A COMPONENT OF THE ZOOLOGY MASTER AWARD

THIS HONOR IS A COMPONENT OF THE CONSERVATION MASTER AWARD
• ENDANGERED SPECIES HONOR
• ZOOLOGY MASTER AWARD
• CONSERVATION MASTER AWARD
ENDANGERED SPECIES

Biome

Food Chain

Habitat
DEFINE ENDANGERED

A species which is at risk of becoming extinct because it is either few in numbers or threatened by changing environmental or predation parameters.
• A species that has died out completely. When the last specimen dies, that creature is said to have become extinct.
HABITAT

• A specific place or the natural conditions in which a given species lives.
LAND HABITATS

- Coniferous Forest
- Tropical Rainforest
- Deciduous Forest
- Mountain
- Savanna
LAND HABITATS

- Temperate grassland
- Mediterranean
- Tundra
- Hot Desert
- Polar Ice
FRESH-WATER HABITATS

- Marshes
- Streams
- Rivers
- Lakes
- Ponds
MARINE HABITATS

- The Coast
- The Intertidal Zone
- Estuaries
MARINE HABITATS

• Bays
• The Open Sea
• The Sea Bed
• Deep Water
• Submarine Vents
• Any major regional biological community such as that of forest or desert.
A food chain describes a single pathway that energy and nutrients may follow in an ecosystem. They usually start with a primary producer and end with a top predator. Here is an example of a food chain:

phytoplankton → copepod → fish → squid → seal → Orca

This "chain" can be described as follows: Killer whales (Orca) feed upon seals, that feed upon squid, that eat small fish, that feed on copepods, that feed on microscopic algae.
ORCA
POACHER

• A person who illegally hunts an animal in order to kill it.
WRITE GEN 1:28 IN YOUR OWN WORDS

• NKJV

• Then God blessed them, and God said to them, “Be fruitful and multiply; fill the earth and subdue it; have dominion over the fish of the sea, over the birds of the air, and over every living thing that moves on the earth.”
LIST 4 FACTORS THAT HAVE CAUSED ANIMALS TO BECOME ENDANGERED

- Loss Habitat – destruction of their natural habitat.
- Deforestation
- Cut down of Rain forests
- Human moving in to develop cities
INVASIVE SPECIES

• An invasive species is a non-indigenous species (e.g. plants or animals) that adversely effect the habitats they invade. They can endanger indigenous populations by preying on them or by out-competing them for resources such as food.
EXAMPLE INVASIVE SPECIES

• Goldfish
GOLDFISH
POACHING
RHINOCEROSES ARE KILLED FOR THEIR H Horns.
ELEPHANTS ARE KILLED FOR THEIR IVORY.
WHAT IS THE NAME OF THIS BIRD?
THE NAME IS DODO BIRD
The dodo was an animal hunted to extinction by European hunters. It wasn't long after Dutch colonists settled on the island of Mauritius in the 17th century that the hapless dodo was driven extinct. Since then, dodo researchers haven't had much to work with other than a handful of composite skeletons in museums and anecdotal reports from early mariners. More has been written about this bird than practically any other, yet researchers practically know nothing about it.
POLLUTION CAN KILL ANIMALS RAPIDLY.
POLLUTION
POLLUTION
POLLUTION
NAME 4 ANIMALS THAT ARE NOW EXTINCT
ATLANTIC GRAY WHALE, 1750
DODO 1662
GREAT AUK, 1844
DINOSAURS
List 4 things that are being done to save endangered animals.
SAVING ENDANGERED ANIMALS

- Endangered Species Act for the USA.
SAVING ENDANGERED ANIMALS

- Environmental Preservation Laws
- Recovery Plans
- Control of Invasive Species
- Breeding programs in zoos
- Reintroduction of species to an area
LIST 4 ACTIVITIES YOU CAN DO TO HELP WILD ANIMALS

Raise Awareness
Make a "Save the Animal" poster and display it.
Have a panel discussion on Endangered Species vs Development.
Make a bulletin board display.
Make an Endangered Species craft project.
SUSTAINABLE USE OF RESOURCES

1. Do not purchase items made from endangered animals such as ivory.

If you own a boat or a personal watercraft, it is important to inspect it before you transport it between different waterways.
HAWAII
HAWAII
4 EXOTIC ANIMALS

DO NOT BUY OR KEEP EXOTIC ANIMALS.
5 HABITAT RESTORATION

01 Hold an Arbor Day tree-planting party.
02 Restore a riverbank by replanting native species and picking up litter.
03 Plant a garden at your school, church, or home to attract wild birds and butterflies.
LIST 10 ENDANGERED ANIMALS
TELL WHERE THEY LIVE AND WHY THEY ARE ENDANGERED

AFRICAN ELEPHANT – AFRICA

ASIAN ELEPHANT – SOUTHERN ASIA

BLACK RHINOCEROS – AFRICA

BIGHORN SHEEP – WESTERN US & CANADA

BLUE WHALE – OCEANS WORLDWIDE
LIST 10 ENDANGERED ANIMALS
TELL WHERE THEY LIVE AND WHY THEY ARE ENDANGERED

Chimpanzee – Africa

Black-footed Ferret – North America

Giant Panda – China

Gorilla - Africa

Humpback Whale – Oceans Worldwide
CHIMPANZEE
AFRICA
GIANT PANDA
CHINA
HUMPBACK WHALE OCEANS WORLDWIDE
ENDANGERED ANIMALS CONTINUES
SNOW LEOPARD – CENTRAL & SOUTH ASIA
ENDANGERED ANIMALS CONTINUES

- Tiger
- Eastern & Southern Asia
WATCH A VIDEO ABOUT AN ENDANGERED ANIMAL

• List what animals you saw
• Where they live
• Why have they become endangered?
We would like to thank Instructor Wilner Byas for an excellent honor presentation! It would be impossible for us to continue our operation without volunteers like you. May God bless you!

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