

Lesson 4

LO: To describe environmental dangers

Vocabulary

Natural

Not made by man or
caused by humans.

Comes from nature

Man made

Made or caused by
human beings

Endangered species

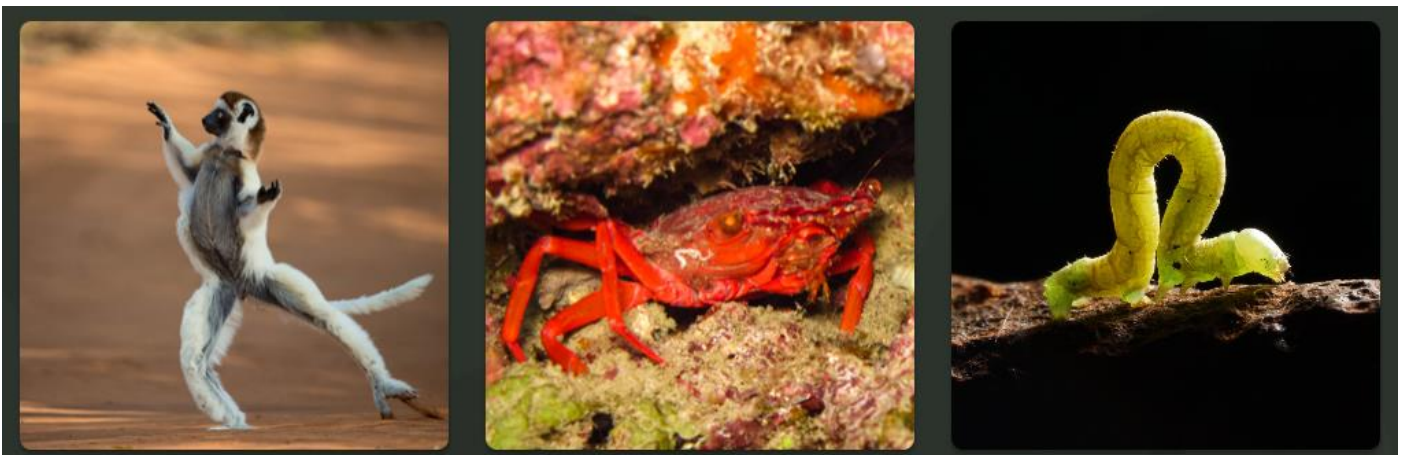
A species that is likely to
become extinct (die out)
in the near future.

Find 3 things that are the same and 3 three things that are different about these pictures.

A

B

C



Living things depend upon their habitats to give them everything they need, including food, water, air and a space to live and grow.

Humans are able to make big changes to their habitat to make it suitable for them to live in.

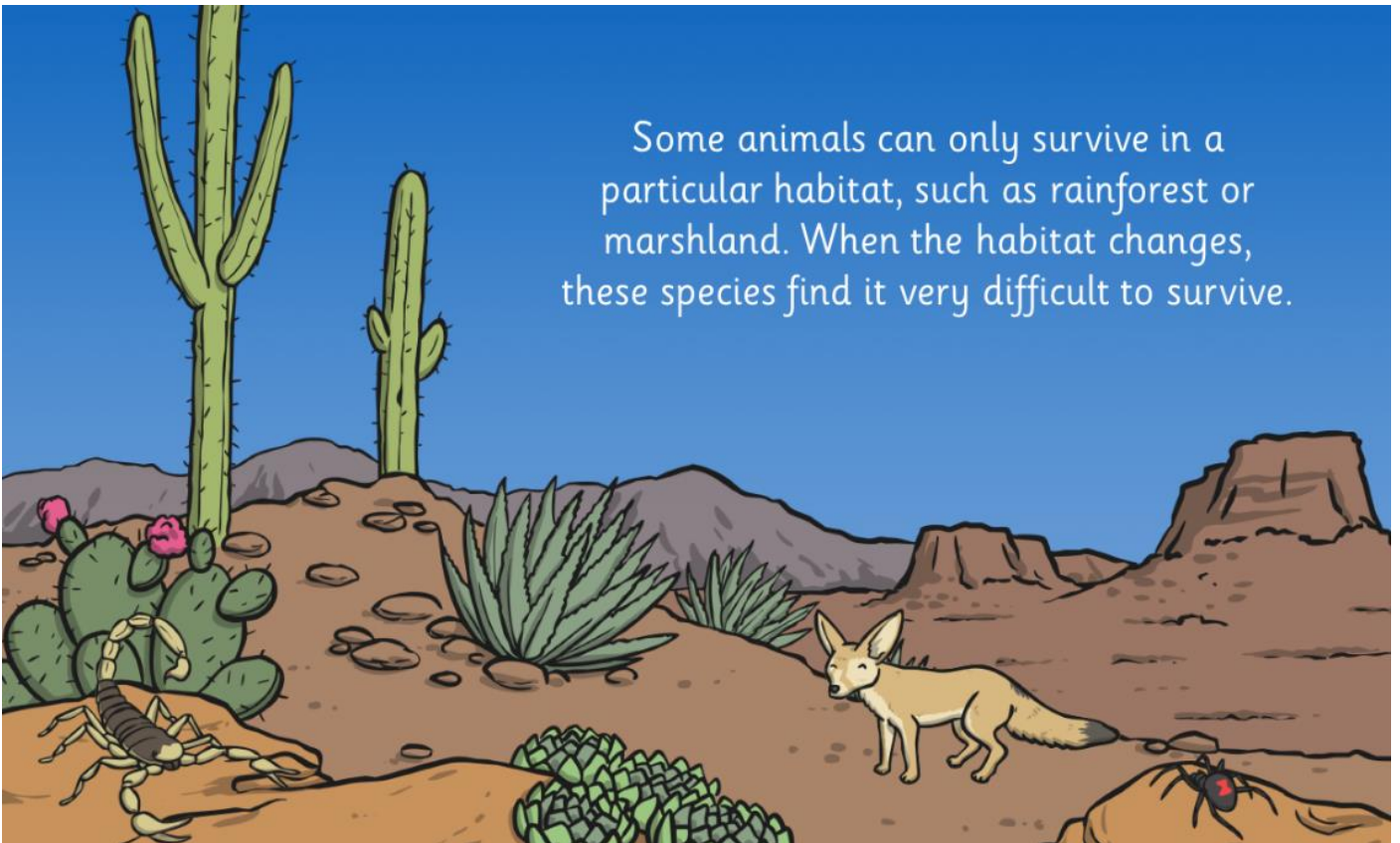
What are some of the ways that humans can change their environment?

Changing Environments

Some species are very good at adapting to changes in their habitats. These species are able to live alongside humans successfully in towns and cities.



Some animals can only survive in a particular habitat, such as rainforest or marshland. When the habitat changes, these species find it very difficult to survive.



Changing environments

Habitats can change for many different reasons. Some of these changes are natural. What kind of natural events could cause changes to habitats? How could these affect the plants and animals that live there?



Natural changes

Events like earthquakes, storms, floods, hurricanes, wildfires and droughts can have very serious consequences for living things.

Habitats can be destroyed and the plants and animals that live there might be killed. Those animals that survive might find that their sources of food and water have disappeared. They may no longer have a safe place to live and grow.

These fish died when their river habitat dried up in a drought.

While these events are natural, many are made worse by climate change, and so are affected by the activities of humans.



Man made changes

Most of the changes to the habitats of living things are caused by humans. We call these changes man-made.

What kind of man-made environmental changes can you think of? How could these affect living things?



Deforestation

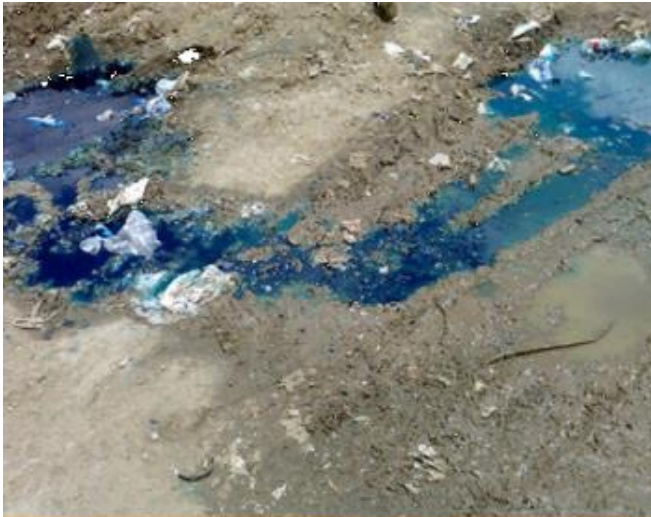
Many of the things that humans do, destroy animal habitats.

Only a very small amount of the world's land is covered in rainforest, but about half of all plants and animals live here.

Humans have cut down large areas of the forest to clear space for building or farming. This has destroyed the habitats of many species and made it difficult for them to survive.



Pollution



Waste from factories and pollution that contaminates the ground makes it difficult for plants to grow. This in turn means there is no food or shelter for the animals that once lived among the plants.

Chemicals and waste that are spilled in the sea are very dangerous to all the living things in the marine habitat.

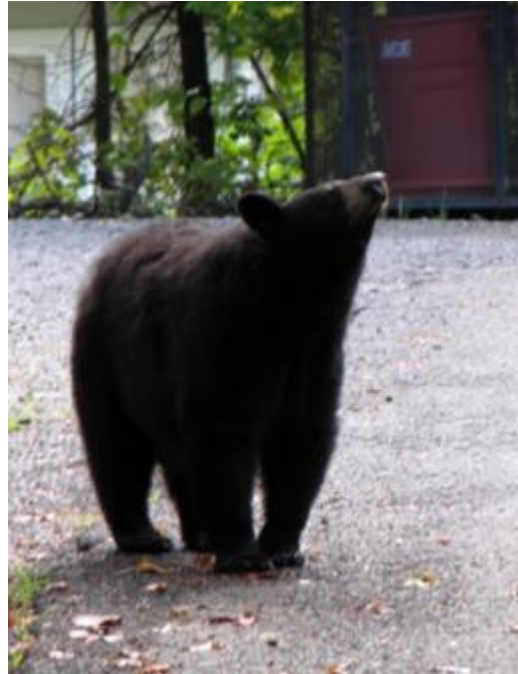


Pollution in and near rivers and streams kills the plants and animals in the water and poisons the drinking water of many living things.

Urbanization

As humans build upon areas that were once natural habitats, there is not enough land and food left for the animals to share.

Wild animals can be forced to come to human areas to look for food and shelter. This can be dangerous for humans and animals.



Endangered species

Many living things are endangered because humans have destroyed much of their habitat. When a living thing is endangered it means that there are not many of that plant or animal left and scientists are concerned that the species may become extinct.

Here are some endangered species. There are many more species of plants and animals threatened by the destruction of their habitats. If these species cannot be protected from the changes in their environment, some of them may become extinct.



Extinct species

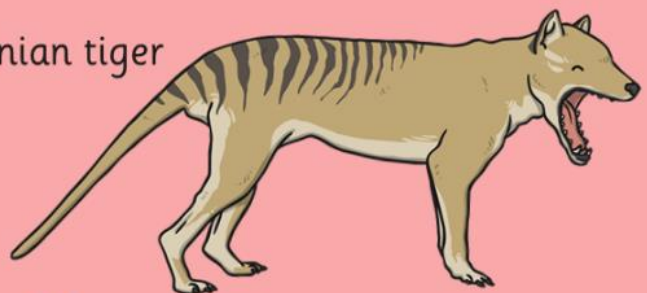
These living things are already extinct due to man-made changes to the environment.

Once a species is extinct, it can never be brought back.



dodo

Tasmanian tiger

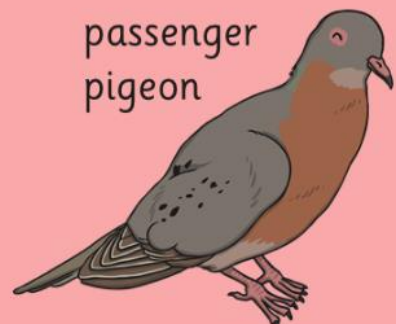


quagga



cry violet

passenger
pigeon



How can we help?

There are lots of things we can do to help endangered plants and animals so they do not have to face extinction.

Find Out More

The first step in protecting endangered species is to find out more about them and to tell your friends and families. The more people know about all the amazing living things that are at risk of extinction, the more can be done to help them.

Reduce, Reuse, Recycle

Making new products uses lots of resources. When these resources are taken from the natural world, habitats are destroyed. Make sure that your family recycles all the waste that they can, and don't forget about reducing and reusing too!

Save Energy

Wasting electricity causes unnecessary pollution that damages the environment and harms plants and animals. Switching appliances off when they are not in use will make the world a better place for all living things, and for humans too.

Think Local

Many species in the UK are in decline. Find out about the endangered species in your area and what you can do to protect them.

Support Wildlife Charities

There are lots of wildlife charities who work very hard to protect endangered species. These charities work to protect habitats so that plants and animals have a safe place to live.

Can you think of any other ways you can help?

Look at the following websites:

<https://www.ducksters.com/animals/polarbear.php>

https://www.ducksters.com/animals/sea_turtles.php

<https://www.ducksters.com/animals/tiger.php>

Either print off the 'Endangered animal report' cards or make your own.

Make a fact file by

Completing the reports

With information about

Your chosen endangered

Animals.

ENDANGERED ANIMAL REPORT
Picture of animal
Name of animal
Habitat
Why is it endangered?
What could be done to help this species?

Remember to post your work on twitter
because we love to see it and you can collect
house points!



ENDANGERED ANIMAL REPORT

Picture of animal

Name of animal

Habitat

Why is it endangered?

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