

The background of the entire page is a close-up photograph of various green leaves, including some with prominent veins and others with more complex, lobed shapes. The leaves are layered, creating a sense of depth and texture. The overall color palette is various shades of green, from light lime to deep forest green.

SCAPE ROOM 2

Ecosystems destruction and biodiversity loss

FOOT PRINT

Building digital media skills to raise climate
change awareness among young people



Scape Room 2

Link to the Escape Room in Google form:

<https://forms.gle/SzNvb5TXKKnwujbg6>

Topic

Ecosystems destruction and biodiversity loss

Ecosystems destruction and biodiversity loss

Biodiversity is a term used to describe the variety of living things that make up our planet, as well as their interactions with one another. They're an essential part of our existence, but they're constantly in danger. More than 60% of the species and ecosystems covered by the EU Habitats Directive are in poor condition.

There is a direct correlation between the human effect on the natural world and biodiversity decline. The environment has been drastically altered by human activity. Biodiversity loss is linked to numerous factors, including pollution, hunting and the introduction of non-native species, as well as habitat loss and degradation and the exploitation of natural resources.

All living things, including humans, suffer greatly as a result of the phenomena of biodiversity loss. It is up to us to save the planet and stop the extinction of our most precious natural resources. If we want to leave hospitable earth for future generations and all living things, this is a must.



At an alarming rate, endangered species are on the verge of extinction. It is estimated that there are over 12,000 different species of animals and plants that are currently threatened with extinction. This is called the "Sixth Extinction", the one caused by human activity.

But why is it so essential that we understand how to protect them?

Because, no one will see again the Tasmanian Tiger running through the Australian forests, because the last one existed back in 1933. Nor we will ever see Formosan Clouded Leopard around the forests in Taiwan. And now, it's most likely that elephants and other wild animals are on their way to extinction by 2025, according to experts.

INTRODUCTION

Is there anything you can do about it? Of course, there is!

In this Escape Room, imagine that you got stuck on an island... In order to leave it, you are entering a challenge - going barefoot through the island to find the 4 envelopes that are the keys to saving the most endangered animals on the island.

So, let's start, because the plants, the pandas, the tigers and other endangered mammals really need you!



ENVELOPE 1



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Correct answer: b

Note: Climate change impacts plants in numerous ways, including increasing flooding and droughts. Increasing CO₂ concentrations and temperatures directly influence plant growth, reproduction, and resistance.



Climate change has put animals in jeopardy across our parks. Rising temperatures reduce many species' survival rates owing to changes in food availability, reproduction, and habitat.

Keep searching for the envelopes!

When choosing a wrong answer

Note: *No. You are close!*

ENVELOPE 2



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Correct answer: a

Note: The loss of habitat and the loss of genetic variety are the primary causes of species extinction. Loss of habitat can be exacerbated by human activities. Agricultural, industrial, and residential development encroaches on the natural habitat of local creatures.

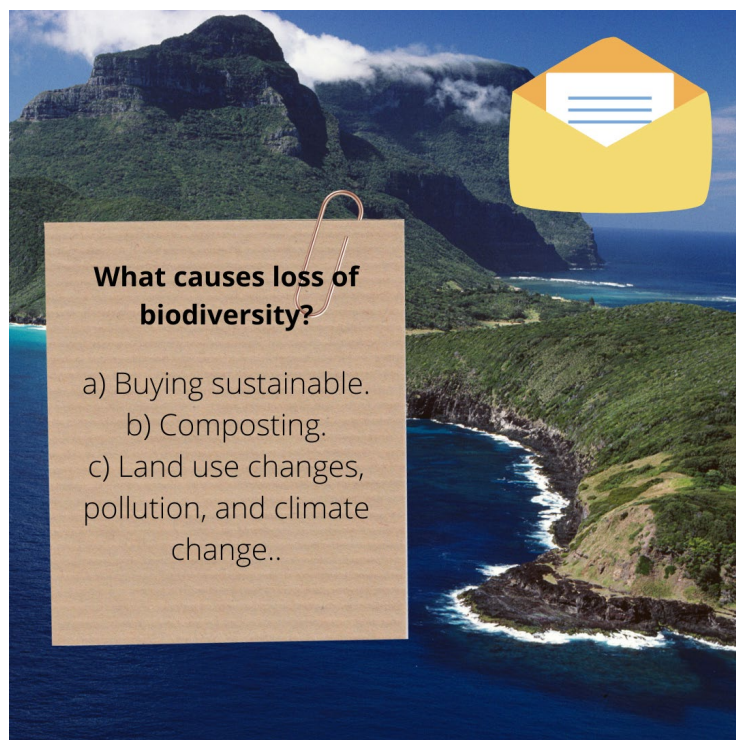
The loss of genetic variety (the genetic differences from one individual to others) is mainly produced by habitat fragmentation; the individuals cannot move easily from one place to another and they reproduce less with genetically different individuals. This causes inbreeding, which increase vulnerability to disease and reduces survival and reproduction and thereby increases extinction risk

Keep going!

When choosing a wrong answer

Note: *Not true! Try again!*

ENVELOPE 3



https://www.canva.com/design/DAE27_Jpq1w/share/preview?token=4-2u7YaVMZ_2it4tkUwDcA&role=EDITOR&utm_content=DAE27_Jpq1w&utm_campaign=designshare&utm_medium=link&utm_source=sharebutton

Correct answer: c

Note: Biodiversity, or the variety of all living things on our planet, has been declining at an alarming rate in recent years, mainly due to human activities, such as land use changes, pollution, and climate change.

Go on! You are almost there!

When choosing a wrong answer

Note: *Not really! Try again!*

ENVELOPE 4



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Correct answer: a

Note: Ecological life support—biodiversity supports ecosystems that work, supplying oxygen, clean air, and water, pollination of plants, insect control, wastewater treatment, and many other ecosystem services. Some of our most popular pastimes rely on the richness of our natural environment. A few examples are birding, hiking, and camping.

When choosing a wrong answer

Note: *Can you try again? This is the last envelope!*

CONGRATULATIONS! In order to take action to safeguard the ecosystem and biodiversity, you have successfully finished your mission. You should keep educating yourself though! You can download this short guide, put it into practice and share it with your friends and family!



FOOT PRINT

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