

LEARN & ACT Student Worksheets

Conservation of Biodiversity



Let's Shoot for Biodiversity!

 **Using “Why is biodiversity so important?”**

https://youtu.be/rAmG_9pkF3c

- After watching the video, answer the questions below.

1. The global ecosystem surrounding us seems permanent, but it's not. The jungle can turn into a desert, or coral reefs can lose their vitality and become rocks. What is the most important key to keeping the ecosystem healthy, something that can make the ecosystem strong or weak?

2. The organisms that exist on Earth are very diverse. Different animals, plants and microorganisms play their own part in the ecosystem. What are the three factors that support this diversity?

3. Numerous organisms live faithful to their respective roles and at the same time depend on each other for survival. The same is true of the Amazon tropical forest, where we can find the world's most diverse forms of life. Please fill in the blanks about the roles of each organism and how they affect each other.

	Role in the ecosystem
Liana vines	
Trees	
Herbivores	
Insects	
Soil	



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4. The ecosystem is intertwined like a very complex ball of thread. What happens in the sea when coral reefs become extinct?

5. What is the relationship between biodiversity and humans? Explain what will happen to humans when biodiversity is threatened.

6. Protecting biodiversity is also very important for humanity. However, many people are still not fully aware of the importance of biodiversity. Write a social media promotional article to promote the concept of biodiversity and its importance, and include the following points in your writing.

- * Explain the concept of biodiversity.
- * Why biodiversity is important & introduce the impact of biodiversity on our lives
- * Introduce the various problems arising from the decrease in biodiversity.
- * Promote interest in biodiversity and introduce action plans in everyday life.

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 **Using “Coronavirus - A message from nature” video**

<https://youtu.be/ckz4qccSVpY>

- After watching the video, answer the questions below.

1. What do the following two sentences in the video mean?

The COVID-19 pandemic is another wake-up call.
Our destruction of nature is hurting our own survival.

2. Diseases that are infected through animals and affect both animals and humans are called "zoonotic disease." What are some of the representative zoonotic disease that have put humankind in crisis in the last 20 years?

3. Tell us two things that mankind should first stop doing to prevent the spread of "zoonotic disease" to human society.

4. What are some of the activities in the international community that you can participate in to help protect biodiversity? Please explain the activity and specific ways that you can help.
