



WORKSHEET

BIODIVERSITY



GREEN
INDUSTRY
FOUNDATION



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Worksheet 1

Describe in your own words what the concept of biodiversity means to you. Focus on the diversity of life on Earth.

List at least four different forms of life that are part of biodiversity. Make sure to include a range from microscopic organisms to larger ecosystems.

Based on your definition, the forms of life, and their benefits, reflect on and write why protecting biodiversity is important for us as a society.

Worksheet 2

List at least three human actions and natural events that have a negative impact on biodiversity.

Natural loss of biodiversity	Loss of biodiversity caused by human activity

Worksheet 3

Simulation: Exploring the Impact of Species Interactions on Biodiversity

Instructions:

Choose a species that you will represent in the simulation (e.g., plants, animals, insects).

On your sheet, draw a simple diagram of an ecosystem that includes different participants representing the chosen species.

Use different colors to mark different species and differentiate their roles in the ecosystem.

Define the rules of interaction between species (e.g., predation, competition for food, mutual interactions).

The facilitator presents various scenarios of environmental changes or introduces changes in the ecosystem. Participants respond to these changes, reflecting them on their sheets.

Observe how the introduced changes affect the represented species and what impacts they have on biodiversity. Record your observations and conclusions about the changes.

After the simulation, share your observations with other participants. Discuss the consequences of interspecies dynamics for the ecosystem and what actions can be taken to support biodiversity.

Worksheet 4

Locate places in your community where there is a lack of awareness about biodiversity.

List at least five specific examples of threats to biodiversity in your area.

Present at least two ways you can counteract this threat and protect biodiversity.

Worksheet 5

Prepare a Biodiversity Awareness Campaign

Guidelines:

Identify areas where there is a lack of awareness about biodiversity and where education is most needed; you can refer back to Worksheet 4 where these areas were defined.

Choose a method of communication that will be most effective for your local community, whether it's posters, brochures, presentations, or even videos.

Develop an educational message that is clear and understandable for the audience, emphasizing the importance of biodiversity for your environment.

Try to use language that is appropriate for your community, simple and accessible.

Select strategic locations where the campaign will be visible and have the greatest impact on the community.

Prepare the completed campaign to present to other group members as a functioning educational project.