

Ecosystem Protection Proposal

Over the last few days you have learned a lot about ecosystems, how they work, what can threaten their balance and how we can help protect them. It is your turn now to describe an ecosystem, a threat it faces, and a plan for protection that you propose.

Name:

Describe your ecosystem. The ecosystem can be imaginary but must be based on a real type of ecosystem you can find on Earth. In your description include the following: What type of ecosystem is it? What are some biotic and abiotic components? What is the climate like in your ecosystem? You may need to do some **research** to answer these questions.

Draw a picture or map of your ecosystem. Make sure to include any threats the ecosystem faces if they are visible.

What are some of the **producers** in your ecosystem?

What are some of the **consumers** in your ecosystem?

What are some of the **decomposers** in your ecosystem?

Draw a graphic of the food web including the producers, consumers and decomposers listed above. You may include additional life forms if you wish.

What impact do humans have on this ecosystem? You can include real threats you found in your research or imagine a threat that is realistic.

How could you protect your ecosystem so it is not destroyed by human activities? Note that a protection program does not have to mean that humans cannot continue to be active, but that their impact does not destroy the ecosystem or components. Describe how your proposal would impact of each biotic and abiotic element in the ecosystem. How would it still allow for human activity? You may include a drawing if this helps you explain your proposal.