

Training Header Sheet with Change Log Form

Kentucky Academic Standards

Science

Operational 2019

SCHS1622_05

Deforestation

Qualification Sets

Date	Comments	Version
03/2019	Initial Operational Training Set	Set A
05/2019	Operational Training Set	Set B

plant trees where farmland isn't present, + make sure that they are stable where they are.

It would cause humidity which would help create rainfall.

A solution to prevent deforestation would be all animals that live in forest would lose their homes. People could monitor the forest and prevent animals from losing their homes.

The Easter Island civilization could have replanted a tree for every one that they cut down. They could monitor the tree population by taking an average number per area of land and calculating how many were left on the island. If the number of trees was decreasing, then they would plant more. If it was increasing, then they could cut some more down. This solution would provide the inhabitants of Easter Island with a theoretically unlimited amount of trees that they could use.

a solution for Easter Island and its decrease in civilization due to deforestation and relying on agricultural influences, could have been to plant two or three trees for every tree cut, to replace the previous tree but also add to the tree count, so deforestation does not become a problem but also allows you to continue relying on the agricultural benefits that a forest brings.

The people of Easter Island could have simply reduced their use of trees. They could have cut down trees for which they only needed and replanting for every tree they did cut down. The impact could be monitored by setting a number for the amount of trees to be cut down in a certain amount of time. This not only fixes the problem but also replenishes the trees that are being cut down. This solution would solve the problem of lack of trees because they are being preserved and also replanted.

As the Easter Islanders cut down trees for their daily use in the ancient society, rainfall amounts dramatically decreased as a result of there being less humidity in the air. This led to deforestation as the Islanders did not set up a system to allow more trees to grow. A solution that could have prevented the deforestation would be that everytime the civilization cut down a tree, they could plant one or two more down in its place. The seeds would come from the fruits in which the trees produced. The newly planted trees would provide humidity to the air balancing rainfall. The solution could be monitored by keeping track of the amount of trees on the island yearly. Also, rainfall amounts could be gathered annually and put into a graph along with tree population.

A.) The solutions monetization would be based on a Animal And vegetation based system to help see what needs to get done and what already has been done to improve the tree and tuna population.

B.) It would be a direct solution to the problem because it monitors all the environmental factors they were facing at that time. And would help them maintain stable living for vegetation and wildlife.

❖ If you address the main cause of the problem then you could fix it easier and faster. If they stopped cutting down trees then they probably would still be there, with trees you can attract animals to eat, plants to grow and more stuff.

Government officials should rule on whether you can cut down trees in an amount larger than I care. If one cuts down trees without consent, consequences will be enforced. This solution would most likely solve the issue of deforestation.

The people probably thought that the trees were unlimited, and relied on them for more than they should have. To prevent their destruction they should have limited how many they cut down, and increase planting them. They would have had people in charge of monitoring this. This would have caused an increase in tree growth, and a decrease in cutting them down, so that they last longer.

A solution that could have allowed the Easter Island civilization to maintain itself by preventing deforestation would be to grow more fruit trees and to find a different material / source to make their clothes from instead of using bark. The solution's impact would be monitored by farmers / gardeners watching and caring for the fruit trees to keep them alive. Other civilians could cut back on the cutting of trees for clothes and find other materials. The solution would be effective in addressing deforestation because by increasing the fruit trees, there would be an increase in fruit and also bird populations, thus more food for the civilians. Finding another material to make clothes out of is also effective because it decreases the cutting of trees. With an increase of growing fruit trees and a decrease in the cutting of them, should be an effective solution allowing the Easter Island civilization to maintain itself by preventing deforestation.

If the people of Easter Island had realized the problem then they should have stopped cutting down as many trees and should have planted seeds to grow more trees.

IF THE EASTER ISLAND CIVILIZATION WOULD HAD ADDED CERTAIN REGULATIONS SUCH AS A LIMIT TO HOW MANY TREES YOU CAN CUT PER MONTH AND THAT YOU MUST PLANT ONE TREE A WEEK THEN LET IT GROW FOR A CERTAIN AMOUNT OF TIME THEN THEY COULD HAVE KEPT A HEALTHY SOCIETY. NOT ONLY WOULD THE INDIVIDUALS GET "RICHER" BY PLANTING THEIR OWN TREES BUT WITH A CONSTANT RENEWAL OF TREES AND A LIMIT TO TREES BEING CUT DOWN, THERE WOULD BE A CONSTANT FLOW ~~SUCH AS~~ WITH MONEY.

GIVEN THAT THEY WERE A FUNCTIONING SOCIETY, I'M SURE THEY HAD SOME HIGHER AUTHORITY WHO COULD ENFORCE THESE RULES IF NOT, A LITTLE BIT OF PRESERVATION^{LAND} ^ COULD MOST LIKELY HELP.

Preventing deforestation well in Easter Island
trees meant wealth so of course people
were going to cut them down. There wasn't
many people that lived there to have
some one to control that island.

In order for the easter island people to maintain themselves they would need to reuse and plant more trees. You could monitor it by for every tree you cut down you planted at least two. It would increase the number of trees over time. And reusing could save many trees from being cut down

One thing the islanders could have planted the seed after cutting down the trees. Also the trees increase the humidity so it rains more often to help the the seed grow, so more trees more rain, more. Then both will have increased slightly and most likely remained stable.

The solution's impact would be monitored by punishment. For example, if someone were to cut down a tree it would result some sort of punishment. This solution would most likely be the most effective in addressing the problem because people do not want to be punished. This would decrease the amount of trees being cut down.

To avoid the rapid increase in deforestation, the people of Easter Island should have changed what materials they used for daily use. Instead of making houses out of trees, they could have made them out of stone. The islanders should have stopped transporting statues with logs. Instead they should have carved the statues where they would be placed at. Also they could have quit carving statues at all. The act of taking trees out of some of their daily functions would save some of the trees because less would be needed. The people of Easter Island should have also been replanting trees for every tree they destroyed. By doing so, the population of trees would remain the same and possibly increase. The solution's impact could be monitored by a census of the ^{five} amount of trees every five years. This would allow the islanders to monitor the progress they are making and to let them know if they need to plant more trees / use less.

The deforestation of the Easter Islands lead to a decrease in population. This could be mitigated by making certain laws or restrictions on cutting down trees or using another resource to make needed goods.

Cutting less trees and planting more seeds for production.

This solution would be effective to the main problem because the less trees you cut down in a longer span of time the more tree seeds will grow so by the time you need them they will be ready to use for production. This also means that the human population wouldn't die off and more species are able to live on.

To save the trees they can grow more. For each tree they cut, they can plant two more. It will save the trees and keep things running smoothly. This would keep everyone happy. Easter Island would be saved.