

Training Header Sheet with Change Log Form**Kentucky Academic Standards**
Science
Operational 2019

SCHS1622_05

Deforestation

Practice Sets

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

One way to prevent deforestation is to replace every tree that is cut down. When one tree is cut down, another is planted. Two different companies could work together, each paid for their share of work. One can cut down trees the other can plant them. You can also limit how many trees are cut a year, this will help the forest to continue to grow.

To prevent deforestation, I would have implemented a program to preserve the trees by using simple preservation techniques. Due to the time period, we would've needed people to monitor the lumberjacks. After that I would've taken an concences of the trees by the monitors to know if anyone has been cheating the system. Once my monitoring program was set up I would've limited the amount of trees each person could cut. Fruit trees would've been off limits. That way we could still eat fruits and not lose that resource. When cutting only the oldest & biggest trees would be cut. By using this technique the usage of trees would be efficient and the trees would have lasted. Both our environment and our society would've been saved as a result.

Deforestation is where people are cutting down all the trees. What will happen if we cut down the trees? Well say we did, trees gives and help us have life and without trees how would everything flow. Trees help us with Air, and nutrients with out that what would happen, life would be different, trees help us a lot and we can't lose them.

The People of Easter Island
Should plant trees and monitor
certain parts of the jungle. Doing
so would allow us the V/V cost
to maintain tree population.

If the people of easter island just used the trees in moderation and replanted new trees they would've had a stable way of using trees and a steady amount of rainfall. The only way for this to work is for the people of easter island to keep each other in check and hold each other accountable for the number of trees chopped down.

A solution that could have allowed the Easter Island civilization to maintain itself by preventing deforestation would have been to limit the amount of trees you are allowed to cut down each month. This solution could be monitored by making someone a leader of the trees. This solution would be effective in addressing the main cause of the problem because the less trees you cut down the more rain there would be. When you have an appropriate amount of water you can do more necessary things with it in order to survive.

When cutting down trees its always smart to plant one. Each time you cut down a tree you should plant a baby tree so deforestation won't happen. Trees are needed for many things , and to make sure deforestation won't be a problem if you plant one everytime you cut one down.

A Solution to prevent deforestation at Easter Island would be that for every tree they cut down they could plant one or two new trees, and allow the new trees to grow into fully grown trees. This would solve the problem because people would be putting back what they took or adding more. To monitor and make sure people are planting trees after they cut them down, the inhabitants would have to keep track of how many trees they cut down and how many trees they planted. If the amounts of the trees cut down and the trees planted didn't break even, then the person would be fined or receive a punishment.

They could begin to grow different crops or use the seeds from the fruit of the trees and plant more of them. They could have people assigned to farm them.

- A) The Solutions impact would be monitored by the soil that used to hold the tree up.
- B) If we addressed the main problem then we would make tree life a whole lot easier.

One solution that would have allowed Easter Island to maintain itself by preventing deforestation would be to create a quota of trees the islanders could use during a certain period of time (i.e. the islanders can use no more than 30 trees per month). This solution would be easily kept track of, and prevent the islanders from consuming trees at a rate that would lead to deforestation. As an addition, the islanders could also re-plant trees that they use, so that they will always have a continuous source without risking negative affects. A combination of a quota/replanting system would work best.

- The trees would dry out and die if rainfall slowly began to decline. The trees would slowly start dying, so maybe they could monitor rainfall and tree deaths.
- We can't control weather so the solution of the problem wouldn't change.

I think that they should keep a tally board of how many trees are in the forest and how many are being cut down. I think this solution would be effective because they would know how many trees are left.

To prevent deforestation but still use these trees as resources, it would be necessary to harvest seeds from these trees and replant them. For every tree that is cut down for its resources, at least one should be planted. This solution would still allow trees and their vast resources to be used, but it would also prevent deforestation. The solution would be monitored by keeping track of the number of trees cut down. With this number in mind, islanders can begin the process of replanting. They will manage this solution by saving all the seeds from the already cut trees. This solution is effective, because the seeds would sustain future generation while the trees would sustain present generations.

The inhabitants of Easter Island could have declared certain areas of the island as places where trees couldn't be cut down. There would be very specific boundaries, monitored by watchmen until physical boundaries could be built. The protection of these trees would allow for a balance between the people and the resources they needed. There would be trees that could help maintain stability in the ecosystem and then trees that would provide resources to the people of Easter Island.

A solution that could allow the Easter Island civilization to maintain itself by preventing deforestation is to have a certain amount of trees cut down each year and then replant. The solution's impact would be monitored by workers. It would be effective to the main cause of the problem by planting more trees, not just taking them away.

The main cause of the problem was deforestation. Their society relied too heavily on the use of trees. Their best option would have been to put a limit on the number of trees each person was allowed to cut down. This solution would only work, however, if the inhabitants of Easter Island had an organized government and could keep track of who had cut down/used what.

The islander might've survived, had they not destroyed the environment around them. By planting more trees, the vegetation at the island could return.

It would be monitored by them watching the environmental impacts because of humans. This solution wouldn't be very effective.

A solution to prevent deforestation is to restrict parts of the islander from tree-cutting. The islanders would still be able to cut trees in some parts but the exception is that for every tree they cut down, they have to plant another.

The trees in the restricted areas will be create humidity to sustain themselves and help the trees that were cut down and replaced for further growth so that people can cut them down again. This process keeps repeating itself to ensure the island doesn't undergo deforestation.

Due to trees being lower cause of creating rain, progress can be measured by recording rainfall every year to see changes.