

**Living Earth: Distance Learning Week 8**

Name: \_\_\_\_\_

Teacher: \_\_\_\_\_

**Ecosystem Stability and Response to Climate Change Learning Targets:**

- Evaluate the claims, evidence, and reasoning that the complex interactions in ecosystems maintain relatively consistent numbers and types of organisms in stable conditions, but changing conditions may result in a new ecosystem.
- Design, evaluate, and refine a solution for reducing the impacts of human activities on the environment and biodiversity.

## Assignment 1:

### 1) Watch or read **The Lorax (Original made in 1972) by Dr. Seuss.**

Watch **Original Version (made in 1972)** on YouTube: <https://www.youtube.com/watch?v=8V06ZOQuo0k>

# OR

If you do not have internet access please read The Lorax (below)

### **The Lorax By Dr. Seuss**

**"UNLESS someone like you cares a whole awful lot, nothing is going to get better. It's not."**

At the far end of town where the Grickle-grass grows and the wind smells slow-and-sour when it blows and no birds ever sing excepting old crows... is the Street of the Lifted Lorax.

And deep in the Grickle-grass, some people say, if you look deep enough you can still see, today, where the Lorax once stood just as long as it could before somebody lifted the Lorax away.

What was the Lorax? Any why was it there? And why was it lifted and taken somewhere from the far end of town where the Grickle-grass grows? The old Once-ler still lives here.

Ask him, he knows.

You won't see the Once-ler. Don't knock at his door. He stays in his Lerkim on top of his store. He stays in his Lerkim, cold under the floor, where he makes his own clothes out of miff-muffled moof. And on special dank midnights in August, he peeks out of the shutters and sometimes he speaks and tells how the Lorax was lifted away. He'll tell you, perhaps... if you're willing to pay.

On the end of a rope he lets down a tin pail and you have to toss in fifteen cents and a nail and the shell of a great-great-great- grandfather snail. Then he pulls up the pail, makes a most careful count to see if you've paid him the proper amount. Then he hides what you paid him away in his Snuvv, his secret strange hole in his gruvvulous glove. Then he grunts. I will call you by Whisper-ma-Phone, for the secrets I tell you are for your ears alone.

SLUPP Down slupps the Whisper-ma-Phone to your ear and the old Once-ler's whispers are not very clear, since they have to come down through a snergelly hose, and he sounds as if he had smallish bees up his nose. Now I'll tell you, he says, with his teeth sounding gray, how the Lorax got lifted and taken away... It all started way back... such a long, long time back...

Way back in the days when the grass was still green and the pond was still wet and the clouds were still clean, and the song of the Swomee-Swans rang out in space... one morning, I came to this glorious

place. And I first saw the trees! The Truffula Trees! The bright-colored tufts of the Truffula Trees! Mile after mile in the fresh morning breeze.

And under the trees, I saw Brown Bar-ba-loots frisking about in their Bar-ba-loot suits as they played in the shade and ate Truffula Fruits. From the ripplous pond came the comfortable sound of the Humming-Fish humming while splashing around.

But those trees! Those trees! Those Truffula Trees! All my life I'd been searching for trees such as these. The touch of their tufts was much softer than silk. And they had the sweet smell of fresh butterfly milk. 2

I felt a great leaping of joy in my heart. I knew just what I'd do! I unloaded my cart. In no time at all, I had built a small shop. Then I chopped down a Truffula Tree with one chop. And with great skillful skill and with great speedy speed, I took the soft tuft. And I knitted a Thneed!

The instant I'd finished I heard a ga-Zump! I looked. I saw something pop out of the stump of the tree I'd chopped down. It was sort of a man. Describe him...That's hard. I don't know if I can. He was shortish, and oldish, and brownish and mossy. And he spoke with a voice that was sharpish and bossy.

Mister! He said with a sawdusty sneeze, I am the Lorax. I speak for the trees. I speak for the trees, for the trees have no tongues. And I'm asking you, sir, at the top of my lungs-- he was very upset as he shouted and puffed-- What's that THING you've made out of my Truffula tuft?

Look, Lorax, I said. There's no cause for alarm. I chopped just one tree. I am doing no harm. I'm being quite useful. This thing is a Thneed. A Thneed's a Fine-Something-That-All-People-Need! It's a shirt. It's a sock. It's a glove. It's a hat. But it has other uses. Yes, far beyond that. You can use it for carpets. For pillows! For sheets! Or curtains! Or covers for bicycle seats! The Lorax said, Sir! You are crazy with greed. There is no one on earth who would buy that fool Thneed!

But the very next minute I proved he was wrong. For, just at that minute, a chap came along, and he thought that the Thneed I had knitted was great. He happily bought it for three ninety-eight. I laughed at the Lorax, You poor stupid guy! You never can tell what some people will buy.

I repeat, cried the Lorax, I speak for the trees!

I'm busy, I told him. Shut up, if you please. I rushed 'cross the room, and in no time at all, built a radiophone. I put in a quick call. I called all my brothers and uncles and aunts and I said, listen here! Here's a wonderful chance for the whole Once-ler Family to get mighty rich! Get over here fast! Take the road to North Nitch. Turn left at Weehawken. Sharp right at South Stitch.

And, in no time at all, in the factory I built, the whole Once-ler Family was working full tilt. We were all knitting Thneed's just as busy as bees, to the sound of the chopping of Truffula Trees.

Then... Oh! Baby! Oh! How my business did grow! Now, chopping one tree at a time was too slow. So I quickly invented my Super-Axe-Hacker, which whacked off four Truffula Trees at one smacker. We were making Thneed's four times as fast as before! And that Lorax?... He didn't show up any more.

But the next week he knocked on my new office door. He snapped! I'm the Lorax who speaks for the trees, which you seem to be chopping as fast as you please. But I'm also in charge of the Brown Bar-ba-loots, who played in the shade in their Bar-ba-loot suits and happily lived, eating Truffula Fruits. NOW...thanks to your hacking my trees to the ground, there's not enough Truffula Fruit to go 'round.

And my poor Bar-ba-loots are all getting the crummies because they have gas, and no food, in their tummies! They loved living here. But I can't let them stay. They'll have to find food. And I hope that they may. Good luck, boys, he cried. And he sent them away.

I, the Once-ler, felt sad as I watched them all go. BUT... business is business! And business must grow regardless of crummies in tummies, you know.

I meant no harm. I most truly did not. But I had to grow bigger. So bigger I got. I biggered my factory. I biggered my roads. I biggered my wagons. I biggered the loads of the Thneed's I shipped out. I was shipping them forth to the South! To the East! To the West! To the North! I went right on biggering...selling more Thneed's. And I biggered my money, which everyone needs. 3

Then again he came back! I was fixing some pipes when that old nuisance Lorax came back with more gripes. I am the Lorax, he coughed and he whiffed. He sneezed and he snuffled. He snarggled. He sniffed. Once-ler! He cried with a cruffulous croak. Once-ler! You're making such smogulous smoke!

My poor Swomee-Swans...why, they can't sing a note! No one can sing who has smog in his throat. And so, said the Lorax, --please pardon my cough-- they cannot live here. So I'm sending them off. Where will they go? I don't hopefully know. They may have to fly for a month...or a year... To escape from the smog you've smoggedup around here.

What's more, snapped the Lorax. (His dander was up.) Let me say a few words about Gluppity-Glupp. Your machinery chugs on, day and night without stop making Gluppity-Glupp. Also Schloppity-Schlopp. And what do you do with this leftover goo? I'll show you. You dirty old Once-ler man, you!

You're glumping the pond where the Humming-Fish hummed! No more can they hum, for their gills are all gummed. So I'm sending them off. Oh, their future is dreary. They'll walk on their fins and get woefully weary in search of some water that isn't so smeary.

And then I got mad. I got terribly mad. I yelled at the Lorax, Now listen here, Dad! All you do is yap-yap and say, Bad! Bad! Bad! Bad! Well, I have my rights, sir, and I'm telling you I intend to go on doing just what I do! And, for your information, you Lorax, I'm figgering on biggering and Biggering and BIGGERING and BIGGERING!! Turning MORE Truffula Trees into Thneed's which everyone, EVERYONE, EVERYONE needs!

And at that very moment, we heard a loud whack! From outside in the fields came a sickening smack of an axe on a tree. Then we heard the tree fall. The very last Truffula Tree of them all! No more trees. No more Thneed's. No more work to be done. So, in no time, my uncles and aunts, every one, all waved my good-bye. They jumped into my cars and drove away under the smoke-smuggered stars.

Now all that was left beneath the bad-smelling sky was my big empty factory... the Lorax... and I.

The Lorax said nothing. Just gave me a glance... just gave me a very sad, sad backward glance... as he lifted himself by the seat of his pants. And I'll never forget the grim look on his face when he hoisted himself and took leave of this place, through a hole in the smog, without leaving a trace. And all that the Lorax left here in this mess was a small pile of rocks, with one word... UNLESS.

Whatever that meant, well, I just couldn't guess.

That was long, long ago. But each day since that day I've sat here and worried and worried away. Through the years, while my buildings have fallen apart, I've worried about it with all of my heart.

**But now, says the Once-ler, Now that you're here, the word of the Lorax seems perfectly clear. UNLESS someone like you cares a whole awful lot, nothing is going to get better. It's not.**

**SO... Catch! Calls the Once-ler. He lets something fall. It's a Truffula Seed. It's the last one of all! You're in charge of the last of the Truffula Seeds. And Truffula Trees are what everyone needs. Plant a new Truffula. Treat it with care. Give it clean water. And feed it fresh air. Grow a forest. Protect it from axes that hack. Then the Lorax and all of his friends may come back.**

## **2) Answer the questions below:**

What was the land like before the Once-ler came?

Why did the Once-ler like the Truffula tree so much?

What did the Lorax mean when he said "I speak for the trees?"

Why did the Once-ler keep increasing/growing his factory?

What happened to each animal as he did it? Bar-ba-loots? Swomee Swans? Humming Fish?

Can you cut down trees but still keep enough in the forest for the animals?

How do trees help the earth: plants, animals, air quality, heat, noise, etc.?

What could the Once-ler have done differently to help each animal stay there?

Do you think the Once-ler feels good about his decisions? Why or why not?

What does the Once-ler say you can do with the Truffula seed?

### 3) Write a Letter

Pretend you are the Lorax. Write a letter to the Once-ler with advice on how he should run his business. The letter should make suggestions for a substitute to cutting down all the Truffula trees.