

## Student Directions: Week 8 Distance Learning for Physics in the Universe 5/26 - 6/1

### 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, energy usage, and biodiversity.

### Your Assignment:

The Lorax is a modern fable about the destruction of an ecosystem and perhaps the world itself. It is a warning illustrating the unintentional consequences of uncontrolled & reckless growth and how it can unleash such destruction. An industry can create its own market and/or the need for its own product; a fad can develop for unneeded and useless items (remember Rainbow Loom and Fidget Spinners). Unregulated destruction of resources can occur when profits are involved. Yet hope is given at the end that even near total destruction of a species or an ecosystem may be reversed with dedication, hard work and diligence.



#### 1) Watch or read The Lorax (Original) by Dr. Seuss.

Watch the Original Version on YouTube - <https://www.youtube.com/watch?v=8V06ZOQu0k>

#### 2) Answer Video Questions and Write a Letter (due June 1<sup>st</sup> by 9:00 AM PST... after this time will get partial credit)

<https://forms.office.com/Pages/ResponsePage.aspx?id=bsSeXYwVI0uXor1txqc9IkzD7ovUBylluEOjUbcsSijUMVNWNEpKN0g3MDkxV1dYNVNMT1ZIU0hUU4u>

Week 9 (Finals week) There will be zero new assignments. The cut off for all late work is June 3<sup>rd</sup> at 9:00 AM PST. Any assignment turned in after that time and date will receive a zero.