Name _____   Class _____
Date _____   Lorax Project

The Lorax Story Interpretation Project

Answer the following questions based on our work in ecology and your knowledge of the story of <u>The Lorax</u>.   The complete text of the story is attached to this sheet.

Part 1

1. Create a *food web* that describes the Land of the Lifted Lorax & identify at least two (2) producers and three (3) consumers in this food web. Be sure to identify what level consumer each is.

2. Identify a population in the Land of the Lifted Lorax and explain why this is a population.
    _____
    _____
    _____

3. Every population is linked, directly or indirectly, with many others in an ecosystem.   Disruptions in the numbers and types of species and environmental changes can upset ecosystem stability.   Explain how a disruption in a population in the Land of the Lifted Lorax disrupted other populations and the stability of this ecosystem.
    _____
    _____
    _____

4. Give an example of a Once-ler activity that depleted a natural resource.
    _____
    _____
    _____

5. Give two examples where a finite resource being removed by the Once-ler and his family had an adverse effect on other populations in this ecosystem.
    _____
    _____
    _____

(over)

6. Biodiversity also ensures the availability of a rich variety of genetic material that may lead to future agricultural or medical discoveries with significant value to humankind. As diversity is lost, potential sources of these materials may be lost with it.

a) List three examples of where biodiversity is lost in the Land of the Lifted Lorax

_____
_____
_____

b) In a paragraph or two, explain how the decrease in biodiversity caused by the removal of the Truffula trees decreased the stability of the ecosystem in this story.

_____
_____
_____
_____
_____
_____
_____
_____

7. Explain how the activities of the Once-ler and his family modified the ecosystem as a result of the following activities:

a) consumption of materials

_____
_____
_____

b) improvements in technology

_____
_____
_____

8. List and describe two types of pollution created by the activities of the Once-ler and his family and explain how these activities were detrimental to the ecosystem of this area.

_____
_____
_____

9. On the set of axes below label the dependent variable (# of trees or # of thneeds) as well as the independent variable (time) then draw graphs to show what happens throughout the story

Part 2

The Lorax II: A Sustainable Planet

You are going to write, direct and produce a video sequel to *The Lorax*. Your video may be based on a poem, skit, song/rap, video, radio announcement, comic/storyboard, puppets. Some ideas for the approach to your sequel may be: a news report or interview of the Lorax, telling the story from another character's point of view, a soap opera, a folk story or myth. The story does not have to be told by the Once-ler as the original Lorax was. Your sequel, The Lorax II, will be graded on the following:

___ /4 At least four of the characters mentioned in the original Lorax, must be mentioned, clearly identified **and have speaking parts** in your sequel.

___ / 8 Create and **develop** (which means they have integral parts in your sequel) at least four new characters with speaking parts for The Lorax II. Their names should be clearly apparent and their role in the story easily understood.

___/4 Highlight the environmental issue that you have chosen, reminding viewers of how it manifested its self in the **original** Lorax. You may use dialogue or songs from the original Lorax to do this.

___ /4 Start the Lorax II with the Once-ler giving directions to the little boy. Include in your story what the Lorax meant by the word "unless" and by the directions he gave to the little boy.

___ /10 Pose a possible solution to the problem that you have chosen in the above statement. Show how the problem can be solved in the Lorax's world, with clear parallels as to how it can be solved in **our** world, and how **each of us** in this class can be a part of the solution, and by not acting, is part of the problem.

___ /10 In keeping with the style of Dr. Seuss, you need to **write and perform** an original rhyming song in the Lorax II. Your song needs to have **at least** three verses and a chorus. (I recommend you use a tune from an existing song, such as Bingo, O Susanna or Gilligan's Island, or even a current popular song, and just change the lyrics.) You must bring a pre-recorded version of your song will all words clearly audible.

___ /5 End your production with a statement that starts with "Unless". Your unless statement should determine your **individual accountability** for the environmental issue discussed and the responsibility of the human race in this issue.

___ /5 This sequel should be neat, creative and exciting, in line with the original Lorax.

Extra Credit Available if your entire story rhymes in the style of Dr. Seuss.

Please attach this completed checklist to your project