

ACTIVITY...

- 1) On looseleaf, list any current environmental issues you are aware of.
- 2) Classify the issue as either: LOCAL / REGIONAL / GLOBAL
- 3) With a partner, circle any issues that are common

Local [New Brunswick]	Regional [Canada]	Global [World]
	- pipelines	- climate change - fires in Amazon - oceans polluted

COMPARE YOUR LIST TO MINE...**Important issues found in The Lorax:**

- urbanization
- habitat destruction
- environmental refugees
- deforestation- clear cutting
- industrialization - smog and health implications
- pollution - air and water
- environmental/ecological restoration
- ecosystem services - forest soil prevents erosion
- food chain association
- tragedy of the commons - "if I don't do it someone else will"
- sustainable yield
- conservation/multiple uses
- biodiversity - impacts of urbanization
- externalities
- environmental degradation - littering
- stewardship

Two Waves of Environmentalism

First wave 1968 - 1976

- department of the environment developed in Canada
- first earth day celebrated in the US in 1970
- population concerned about
 - pollution
 - energy crisis
 - nuclear power
 - populations


Second wave 1985 - present day


population concerned about


- global warming
- ozone depletion
- oil spills
- resource depletion


At this point there were more conferences held and adendas and protocols created on how to protect the environment.


Some current environmental issues...

 Stop Spraying in NB

 Deer Population Decline


 Carbon Tax

 Energy East Pipeline

 Escaped Salmon

 Atlantic Salmon Decline

 Phase out Coal by 2030

 Honey Bee Decline

 Hurricanes and Global Warming?

 GMO's

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- **ecological restoration** - the process of assisting the recovery of an ecosystem that has been degraded, damaged or destroyed.
- **ecosystem services:** - provide us with clean water and air
 - pollinate our crops and disperse seeds
 - protect us from extreme weather and ultraviolet light
 - control pests and disease-carrying organisms
- **sustainable yield** - the taking of a biological resource that does not exceed the capacity of the resource to reproduce and replace itself.
- **biodiversity** - the variety of living things in the natural world.
- **externality** - something that, while it does not monetarily affect the producer of a good, does influence the standard of living of society as a whole.

Pollution is a very common negative externality. A company that pollutes loses no money in doing so, but society must pay heavily to take care of the problem pollution caused.

- **environmental degradation** - the deterioration of the environment through depletion of resources such as air, water and soil.
- **stewardship** - an attitude of active care and concern for natural lands.

KEY TERMS...

Unit 1 Key Terms.doc

- **urbanization** - process in which an increasing proportion of an entire population lives in cities or suburbs of cities, areas of population dense enough that residents cannot grow their own food.

NOTE: **urban** refers to a city and/or densely populated area



- **habitat destruction** - caused by urban sprawl, forest destruction and agricultural practices.

NOTE: **habitat** refers to where a species grow, lives and reproduces.



- **environmental refugees** - people forced to leave their homes because of environmental factors such as drought, flooding and the rise of sea levels.



Attachments

Unit 1 Key Terms.doc