

## **Science 7**

Text: Discovering Science 7

Unit 1: Interactions Within Ecosystems

Chapter Three, "Natural events and human activities cause changes in ecosystems."

Students are encourage to review all material as part of an appropriate study schedule. The textbook, Discovering Science 7 is the main source of information. All other material are supplementary.

Terms to Know:

<b>Succession</b>	<b>Primary Succession</b>	<b>Secondary Succession</b>	<b>Climax Community</b>	<b>Pioneer Species</b>
<b>Lichen</b>	<b>Endangered Species</b>	<b>Extinct Species</b>	<b>Natural Resources</b>	<b>pH Level</b>
<b>Renewable Resources</b>	<b>Non-Renewable Resources</b>	<b>Monoculture</b>	<b>Sustainable</b>	<b>unsustainable</b>
<b>biodiversity</b>	<b>Pollutants</b>	<b>Acid Rain</b>	<b>Calciphiles</b>	<b>Environmental Monitoring</b>
<b>Baseline data</b>	<b>Climate change</b>	<b>Introduced Species</b>	<b>Environmental impact Assessment</b>	<b>Long-term Monitoring</b>
<b>Permanent Plot</b>				

- 1.) Outline the stages of primary and secondary succession. (P.70, A-D)
- 2.) Describe some environmental impact humans have had on the environment. (P.77)
- 3.) Describe the impact of three introduced species into the ecosystems of Newfoundland and Labrador. (P.78-79, PowerPoint Presentation, and Discussions)
- 4.) Explain why the Atlantic cod stocks are in decline. (P.80-81)
- 5.) Why is it important to have sustainable resources? (P.80)
- 6.) Discuss three impacts pollution has had on the environment. (P.81-82)
- 7.) Provide four examples of environmental monitoring? (P.86-87)

- 8.) What is the difference between Baseline data and Permanent plot monitoring?  
(p.88-89)
- 9.) Why is it important to predict changes in the environment? (91 and Discussions)
  - Help predict future development
  - Avoid repeating past mistakes
  - Make appropriate decisions in the present.
- 10.) What have you done or plan to do to protect your global or local environment?  
(Reflection)
- 11.) Identify three animals which have gone extinct in Newfoundland and Labrador. (PowerPoint Presentation)
- 12.) Identify three animals which are on the endangered species list from Newfoundland and Labrador?