

Test Outline: Sustainable Ecosystems and Climate Change



Test Date: _____

To be successful on the test, I will be able to...

- ✓ Define the following key terms:
 - Biotic Factors
 - Abiotic Factors
 - Individual
 - Population
 - Community
 - Ecosystem
 - Sustainable Ecosystem
 - Atmosphere
 - Greenhouse Effect
 - Lithosphere
 - Hydrosphere
 - Biosphere
 - Terrestrial Biome
 - Freshwater Ecosystem
 - Saltwater Ecosystem
 - Watershed
 - Ocean Acidification
- ✓ Give examples of *biotic factors* and *abiotic factors*.
- ✓ Identify parts of an ecosystem as *biotic* or *abiotic*.
- ✓ Arrange the levels of organization of ecosystems in the correct order from smallest to largest.
- ✓ Answer questions from the Lorax movie.
- ✓ Identify and describe Earth's four spheres.
- ✓ Describe the *greenhouse effect* and why it is important to Earth.
- ✓ Describe how Earth's spheres can interact with each other. Give examples.
- ✓ Identify and label Canada's major terrestrial biomes.
- ✓ Give examples of biotic and abiotic characteristics for each terrestrial biome.
- ✓ Answer questions from Canada's terrestrial biome task.
- ✓ Describe important features of *freshwater ecosystems*.
- ✓ Describe a *watershed* and the impacts of pollutants.
- ✓ Describe important features of *saltwater ecosystems*.
- ✓ Describe the effects of *ocean acidification*.

Notebook Checklist:

- ☐ Guided Note: *Ecosystem Sustainability*
- ☐ Worksheet: *The Lorax Worksheet*
- ☐ Guided Note: *Earth's Sphere*
- ☐ Worksheet: *Earth's Interacting Sphere Exercise*
- ☐ Guided Note: *Terrestrial Ecosystems*
- ☐ Map: *Major Terrestrial Ecosystems (Biomes) of Canada*
- ☐ Worksheet: *Biotic and Abiotic Characteristics of Canada's Terrestrial Biomes*
- ☐ Worksheet: *Check Your Understanding - Canada's Terrestrial Biomes*
- ☐ Guided Note: *Aquatic Ecosystems*



One important key to success
is self-confidence.
An important key to
self-confidence is preparation