

Sustainability Unit Test Outline

Study Sheet :

You will be permitted to use a one-page study sheet for this test. **You** must create your study sheet – any doubles will be taken away. On the test day, I will sign off on your study sheets prior to writing the test.

Here is a list of the topics we have covered since the beginning of the year. **You are responsible for all material for the unit test.** Be sure you have all the worksheets, and have copied down the notes and correct answers. You can download worksheets and assignments from the course website, found at the following URL:

[https://sites.google.com/s/1Mk_6lMNFCaZZIb_GU6kn0zYzam96nz0E/p/18BCmmJ9QJ5iEIT9lonGJJOW\\$W8iJR8R2/edit](https://sites.google.com/s/1Mk_6lMNFCaZZIb_GU6kn0zYzam96nz0E/p/18BCmmJ9QJ5iEIT9lonGJJOW$W8iJR8R2/edit)

Topic	Terms to Define Facts to Memorize	Ideas to explain
Ecological Footprint	-what is an ecological footprint? -what does it measure?	-how is Canada's ecological footprint compared to other countries? -is there/what is the trend between developed countries and developing countries, and ecological footprints
Sustainability and Natural Capital	-what is sustainable yield? -what is natural capital? -what are perpetual, renewable and non-renewable resources? -what are ecological services?	-what is sustainable living/society? -explain the seventh generation idea of living? -explain what a good sustainable yield should look like? –look at the example of the cod fisheries collapse in 1990s
Biodiversity	- what is biodiversity? - 3 kinds of biodiversity: species, genetic, ecosystems – TedTalk (lesson 14)	- ecological, economic, cultural importance of biodiversity (lesson 7) - promoting biodiversity through lifestyle choices: e.g. make the connection between recycling more and biodiversity in 3-4 steps (lesson 15) - how does increased biodiversity make ecosystems healthier and less fragile? - why is biodiversity important for human livelihood? (give 2 concrete examples related to food – Irish potato famine, bananas) (case study in lesson 7)
Is Growth always Good? Population	- exponential growth (what does it look like on a graph?) - what kind of growth does human population growth show?	- with exponential growth, what is the danger in thinking that we will always have plenty of time to solve a problem (e.g. overpopulation, climate change)? -what is the difference in population growth between developed and developing countries?

		-what are 2 things that can be done to decrease population growth?
Environment and Economics	- what is economics? 3 aspects of the economy (production, distribution and consumption) - define and give examples of goods, and services - what 3 things are required to produce goods and services? - what is the profit motive in a capitalist system? - the problem with our current economic system: does not assign realistic economic value to natural capital - define GDP (Gross Domestic Product)	- what kind of effect might the profit motive have on the way we view and treat natural capital and the environment? - what is the true value of natural capital? (what should be included in the value of, for example, a forest?) - why might the GDP be a poor measure of value and well-being? Give an example of an increase in GDP due to something that causes a decrease in well-being - how much does a burger cost? (i.e. what are the different costs and consequences to the environment, to other people, to our own health, that should be considered in the price of a product?)
Sustainability Case Study: Interface Inc.	- what does the corporation Interface produce? - what kinds of resources are needed to produce Interface's products? - what are 4 actions that Interface is taking towards becoming sustainable? - what are 4 ways in which environmental stewardship contributed to Interface's sales and financial profitability?	- 4 ways to reduce your ecological footprint - what does this quote mean: "In nature, there is no garbage."? (paragraph 7) - why might preventing pollution (air, water or soil) be more sustainable than cleaning it up?
Tragedy of the Commons	-what is The Tragedy of the Commons	-give an example of a common natural resource that is being taken advantage of. -why does common usage lead to exploitation? -what can people do to use these resources most wisely?

The test can have the following types of questions:

- Multiple choice
- True or False
- Matching
- Diagrams (reading/drawing, interpreting diagrams)
- Short Answer, define, explain, compare
- Short article: reading comprehension and analysis

To study effectively:

- make sure you have all worksheets, with completed notes and answers
- understand definitions for the terms
- write out point form answers to the main ideas