

Name: _____

Date: _____

Class: _____

IB ESS

8.2 Resource Use in Society

Significant ideas:

The renewability of natural capital has implications for its sustainable use.

The status and economic value of natural capital is dynamic.



Natural Capital

1.

a) Define renewable natural capital.

b) Define non-renewable natural capital.

2. Describe examples of sustainable and unsustainable natural capital.

Sustainable use

Unsustainable use

3. Explain, with reference to examples, how the extraction process of renewable natural capital might make its use unsustainable.



Mismanagement of Natural Capital

1. Outline an example of renewable natural capital that has been used unsustainably.

2. Outline an example of non-renewable natural capital that has been mismanaged.

Hint: think about a resource we have which is finite, but which could have lasted for many more generations had it been managed more carefully.

The Dynamic Value of Natural Capital

1. Cork trees once had significant value to humans as cork was used as a stopper in wine bottles. More modern alternatives made of plastics and rubber are now more common, and so cork is not as valuable a form of natural capital as it used to be.

Using your own examples as well as extra research, describe examples of the dynamic nature of natural capital.

2.

a) Distinguish between "use valuation" and "non-use valuation" in the context of natural capital.

b) Using examples, explain why it is impossible to put a value on some natural capital.
