



SUBJECT and GRADE	Life Sciences Grade 10
TERM 4	Week 1
TOPIC	Ecotourism
AIMS OF LESSON	At the end of this lesson you should be able to know: • what ecotourism is: • the economic value of ecotourism • ethics and opportunities of ecotourism
RESOURCES	<i>Paper based resources</i>
	Refer to your textbook section on: • ecotourism
INTRODUCTION	• Revise the topics 'environment and ecosystems' in Grade 10
CONCEPTS AND SKILLS	<u>Ecotourism:</u> • Ecotourism is the responsible travel to natural areas where the environment is conserved and where the well-being of the local people is improved • Ecotourism reduces the impact of visitors to the environment, is sensitive to other cultures and provides financial benefits for local people. <u>Economic value:</u> • South Africa is one of the top ecotourism destinations and people visit South Africa mainly to see the wildlife e.g. the Kruger National Park • Jobs and business opportunities are created for local people through ecotourism • Sustainable ecotourism can be achieved by forming relationships between the local people, tourists and the government. All of these people receive economic, social and environmental benefits from one another.

Ethics and opportunities:

- Local people should be involved in decision- making that directly affects their lives
- Ecotourism generates greater economic benefits for local people
- Ecotourism provides employment and educational opportunities for local people

Know the meaning of instructional verbs in test and examination questions e.g.

Instructional verb	Meaning
Name	Give the name of something
Differentiate	Use differences to qualify between two or more categories
Tabulate	Draw a table and indicate the answers as direct pairs.
Describe	State in sentences the main points of a process
Explain	Give your answer in a cause-effect or statement and reason sequence
Compare	Give similarities and differences between concepts

Answer the following question:

Question 1

1. Read the passage below and answer the questions which follow.

The Cape floral kingdom is the smallest of the world's floral kingdoms. It is home to more endemic and indigenous plants than in any other region in South Africa. Approximately 70% of the 9 000 plant species in this area are found nowhere else in the world.

The vegetation of this biome, which is mostly small bushes, grows in nutrient poor soil. They also survive the long dry summer conditions, as well as frequent fires.

The flora of the Cape is threatened, amongst others, by alien vegetation, as well as habitat destruction by humans. Already numerous species are extinct from this biome. Hence, its conservation is a national conservation priority. In a bid to save this biome, there are several projects aiming at encouraging responsible travel to natural areas in order to conserve the environment, as well as improving the well-being of local communities.

	1.1 <i>Give</i> TWO reasons for the habitat destruction by humans. 1.2 <i>Give</i> TWO possible reasons why humans need to conserve nature. 1.3 <i>Calculate</i> the total number of species that are endemic to this biome. Show your working. 1.4 <i>Name</i> the type of tourism mentioned in the passage. 1.5 <i>Name</i> TWO ways in which the local communities benefit from the type of tourism mentioned in QUESTION 1.4. Common errors made by learners in examinations: • Not familiar with the term ecotourism • Not understanding instructional verb/s in a question e.g. the difference between describe and explain
ACTIVITIES/ASSESSMENT	Complete the activities/questions in your textbook on the section of this lesson.
CONSOLIDATION	• Define all the terminology relevant to the concepts covered in this lesson • Read newspaper/magazine/online articles on ecotourism • Use you textbook and other resources to revise the topic 'biosphere to ecosystems'
VALUES	By studying and learning about this section you will develop an awareness of what it means to be a responsible citizen in terms of the environment.