

ACADEMIC GUIDE 2

SUBJECT:	GRADE:	FG	G	T	1	2	3	4	DATE:
		5	6	7	8	9	10	11	
STUDENT:		TEACHER:							
(COMPETENCE 1)		(COMPETENCE 2)				(COMPETENCE 3)			
PERFORMANCE:		PERFORMANCE:				PERFORMANCE:			

Listening Task

2.8 TRUE / FALSE / NOT GIVEN: Listen to Lecture 2 on the tape:

- | | | | |
|--|---|---|----|
| a. We live in the most technologically advanced period in history. | T | F | NG |
| b. Greenpeace will probably continue to keep a close watch on government policies. | T | F | NG |
| c. The levels of Greenhouse gases will soon decrease. | T | F | NG |
| d. The environment was not always considered an important political issue. | T | F | NG |
| e. 'Green' parties are mainly supported by young voters. | T | F | NG |
| f. Hardwood forests are being destroyed for long-term profit. | T | F | NG |
| g. The best recipe for environmental protection is poverty. | T | F | NG |
| h. Technology and economic growth assist conservation. | T | F | NG |
| i. There will soon be cheaper food and cleaner cars. | T | F | NG |
| j. The environment will benefit if we help the economy to grow. | T | F | NG |

Reading Task

2.3 SKIMMING: Read the text once for the gist (overall idea) and then in detail:

para.1 When was the last time you saw a frog? Chances are, if you live in a city, you have not seen one for some time. Even in wet areas once teeming with frogs and toads, it is becoming less and less easy to find those slimy, hopping and sometimes poisonous members of the animal kingdom. All over the world, even in remote jungles on the far side of the globe, frogs are losing the ecological battle for survival, and biologists are at a loss to explain their demise. Are amphibians simply over-sensitive to changes in the ecosystem? Could their rapid decline in numbers be signalling some coming environmental disaster for us all?

para.2 This frightening scenario is in part the consequence of a dramatic increase over the last quarter century in the development of once natural areas of wet marshland; home not only to frogs but to all manner of wildlife. Yet, there are no obvious reasons why certain frog species are disappearing from rainforests in the Southern Hemisphere which are barely touched by human hand. The mystery is unsettling to say the least, for it is known that amphibian species are extremely sensitive to environmental variations in temperature and moisture levels. The danger is that planet Earth might not only lose a vital link in the ecological food chain (frogs keep populations of otherwise pestilent insects at manageable levels), but we might be increasing our output of air pollutants to levels that may have already become irreversible. Frogs could be inadvertently warning us of a catastrophe.

- para.3 An example of a bizarre occurrence regarding a species of frog dates from the summer of 1995, when 'an explosion' of multi-coloured frogs of the species *Rana klepton esculenta* occurred in the Netherlands. Normally these frogs are brown and greenish-brown, but some unknown contributory factor is turning these frogs yellow and/or orange. Nonetheless, so far, the unusual bi- and even tri-coloured frogs are functioning similarly to their normal-skinned contemporaries. It is thought that frogs with lighter coloured skins might be more likely to survive in an increasingly warm climate due to global warming.
- 20 para.4 One theory put forward to explain extinct amphibian species that seems to fit the facts concerns the depletion of the ozone layer, a well-documented phenomenon which has led to a sharp increase in ultraviolet radiation levels. The ozone layer is meant to shield the Earth from UV rays, but increased radiation may be having a greater effect upon frog populations than previously believed. Another theory is that worldwide temperature increases are upsetting the breeding cycles of frogs.
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2.9 TRUE / FALSE / NOT GIVEN: Refer to the text in Exercise 2.3.

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|--|---|---|----|
| a. Frogs are disappearing only from city areas. | T | F | NG |
| b. Frogs and toads are usually poisonous. | T | F | NG |
| c. Biologists are unable to explain why frogs are dying. | T | F | NG |
| d. The frogs' natural habitat is becoming more and more developed. | T | F | NG |
| e. Attempts are being made to halt the development of wet marshland. | T | F | NG |
| f. Frogs are important in the ecosystem because they control pests. | T | F | NG |
| g. It is not known why the Netherlands frogs are changing colour. | T | F | NG |
| h. Highly-coloured frogs are an unusual phenomenon in nature. | T | F | NG |
| i. The multi-coloured frogs are exhibiting abnormal behaviour. | T | F | NG |
| j. There is convincing evidence that the ozone layer is being depleted. | T | F | NG |
| k. It is a fact that frogs' breeding cycles are upset by worldwide increases in temperature. | T | F | NG |

Writing Task

Writing Task 1

Write at least 150 words for this task

The bicycle is a relatively recent invention. It is by far the most economical and environmentally-friendly mechanical mode of transport yet invented.

Describe how the illustrated two-wheeled bicycle below functions, and be sure to mention in your description the machine's environmentally-friendly feature.*

(* You are sure to lose marks if you omit to mention this feature)



