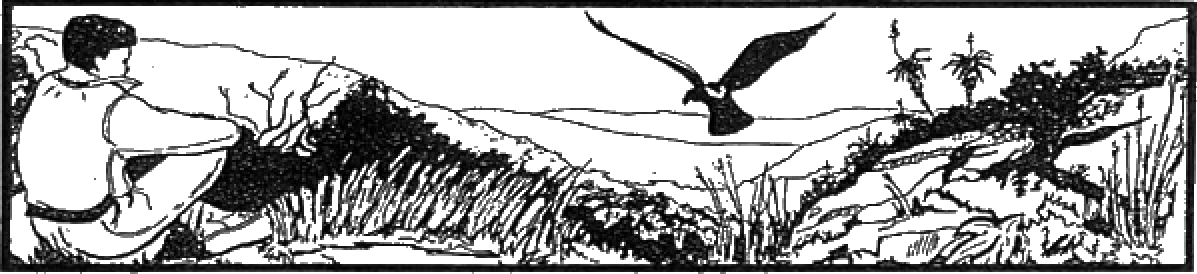


**KwaZulu-Natal Department of Education & Culture
DUNDEE ENVIRONMENTAL EDUCATION CENTRE**



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**INCORPORATING ENVIRONMENTAL TEACHING INTO THE
(OBE) CURRICULUM: A COURSE FOR GET EDUCATORS**

Monday 2 – Friday 6 June 2003 (Madadeni Educators)

Monday 23 – Friday 27 June 2003 (Normandien Educators)

MONDAY

08:00-09:00	Registration
09:00-09:30	Welcome
	Introduction
	Details of the Programme
09:30-10:30	Topic: "What <u>is</u> <i>Environmental Education</i> ?"
10:30-10:50	TEA
10:50-11:20	Topic: "Environmental Education versus environmental studies"
11:20-12:10	Topic: " <i>Environment</i> as a focus for Learning Programmes."
12:10-12:45	LUNCH
12:45-14:30	Excursion to Tangeni Feedlot
15:00-16:00	Excursion to Orange Grove Dairy
17:15-17:45	SUPPER
19:00-20:00	Environmental video: "Sustainability in South Africa"

APPENDIX 5:A

TUESDAY

- 07:15-07:45 BREAKFAST
- 08:00-09:00 Topic: “My school, an *EcoSchool*”
- 09:00-09:45 Topic: “An environmental audit of my school”
- 09:45-10:30 Topic: “Auditing different aspects of my school’s life”
- 10:30-10:50 TEA
- 10:50-11:30 Topic: “Developing an *Environmental Policy* for my school”
- 11:30-12:10 Topic: “How does having an *Environmental Policy* affect my learning programme?”
- 12:10-12:45 LUNCH
- 12:45-13:30 Topic: “What opportunities are there for my learners in an *EcoSchool*?”
- 13:30-14:15 Topic: “Questions & answers about *EcoSchools* – and how to register as an *EcoSchool*.”
- 14:15-17:00 Excursion to the Ngisane Open Cast Colliery...
- Discuss the origins of coal
 - Discuss coal mining methods and technology
 - Discuss the importance of coal in the economy and in our everyday lives;
 - Discuss the effects of coal mining on the environment;
 - and on the lives of workers and the neighbours of mines.
- 17:15-17:45 SUPPER
- 19:00-20:00 Group work and demonstrations: “How to...”
- make a trench garden
 - make compost & liquid manure
 - build a chicken tractor.

WEDNESDAY

- 07:15-07:45 BREAKFAST
- 08:00-08:45 Topic: “Using your senses in the environment”
- 08:45-09:30 Topic: “*Environment* in the Revised NCS”

APPENDIX 5:A

09:30-10:30	Topic: "Drawing up an <i>Environmental Learning Programme</i> "
10:30-11:00	TEA
11:00-11:45	Topic: "Selecting outcomes for an <i>Environmental Learning Programme</i> "
11:45-12:30	Topic: "Assessing & evaluating an <i>Environmental Learning Programme</i> "
12:30-13:15	LUNCH
12:45-14:30	Drive to the top of eMpathe Mountain...

- Survey the history of the area
- Map reading and "orienteering"
- Study the phenomenon of wetlands
- Tour the eMpathe Water Purification Plant

17:15-17:45	SUPPER
19:00-20:00	Group work and demonstrations: "How to..."

- make a "model wetland"
- turn a useless plastic bag into a useful bag
- make recycled paper

THURSDAY

07:15-07:45	BREAKFAST
08:00-08:30	Topic: "What <u>resources</u> are available for my <i>EcoSchool</i> ?"
08:30-09:30	Group exercise: "Drawing up my own learning programme."
09:30-10:30	Group exercise: "Drawing up my own learning programme" (continued).
10:30-11:00	TEA
11:00-11:45	Group exercise: "Sharing the learning programmes."
11:45- 12:10	Group exercise: "Evaluating the learning programmes."
12:10-12:45	LUNCH

APPENDIX 5:A

- 13:00-17:00 Excursion to Helpmekaar area to...
- explore Fort Helpmekaar to see how the terrain caused deaths through water- based diseases during the Anglo-Zulu War
 - perform mini-SASS water study in Isibindi River
 - visit a game farm to study its wildlife
 - enter a Bushman shelter to discuss their lifestyles, art & care for the environment
- 17:15-17:45 SUPPER
- 19:00-20:00 Group work and demonstrations: "How to..."
- perform solar cooking
 - make concrete & cement blocks
 - build a VIP latrine

FRIDAY

- 07:15-07:45 BREAKFAST
- 08:00-08:30 Topic: "Teaching to different age groups"
- 08:30-09:00 Topic: "An environmental education game"
- 09:00-09:30 Personal evaluations: the week's programme
- 09:30-12:00 Excursion to Talana Museum to...
- view it for potential educational visits, and
 - explore the use of "action sheets" as learning aids
 - (as a group activity) draw "action programmes" using a museum as an educational centre
- 12:00 Thanks
Farewells
Return home.