INCLUSION OF ENVIRONMENTAL EDUCATION IN THE TEACHING OF THE BIOLOGY CURRICULUM FOR GRADES 10 TO 12

By

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30 NOVEMBER 2003
DECLARATION

I declare that

INCLUSION OF ENVIRONMENTAL EDUCATION IN THE TEACHING OF THE BIOLOGY CURRICULUM FOR GRADES 10 TO 12

is my own work and that all the sources I have used or quoted, have been indicated and acknowledged by means of complete references.

SIGNATURE  
(Mrs E.J. DE JAGER  

DATE

ABSTRACT
The purpose of this study was to develop a Life Sciences programme, integrating Environmental Education, on environmental endocrine disruptors, for the Further Education and Training Phase of the Outcomes Based Educational System. This programme aims at giving learners the necessary knowledge and skills to limit their exposure to Endocrine Disrupting Chemicals (EDCs). The programme was evaluated by means of a quantitative study. Group-administered questionnaires were used to gather information before and after the programme had commenced. Lickert scales were used to establish the learners’ knowledge, attitudes and values in connection with EDCs and the environment before and after the learners had followed the programme on EDCs. The results of the study indicated that the programme proved to be successful in increasing the knowledge of the target group in connection with EDCs. This study will contribute to the process of integrating Environmental Education in the Life Sciences curriculum.

Key words:

Environment, Environmental Education, Biology, Life Sciences, Endocrine Disrupting Chemicals, Life Sciences Programme, Environmental Educational Programme, Sustainability, Environmental Literacy, Curriculum, Further Education and Training Phase, Outcomes Based Education
To Tiaan, Zani and Ian

Thank you for sharing my love for nature and dedication to protect our environment.

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