ABSTRACT

Global warming affects human life seriously in recent years. The phenomenon of climate changing always reminds us about a fact that continuous deterioration of the environment can cause the extinction of mankind. There is no way to save the human kind but carrying on the works of environmental protection. Moreover, to promote the environmental education is the best method to intensify the foundation of environmental protection. The aim of this study is to explore the feasibility (or acceptance) of promoting Kids' ISO 14000 Programme in Taiwan. The research steps are, firstly, investigating the opinions of elementary teachers by questionnaire surveys and then after designing a lesson plan referring Kids' ISO 14000 Programme to instruct fourth and sixth grades students by STS teaching. Pre-test and post-test have been done for those students, too. In this study researcher tries to understand the inclination of elementary teachers for participating this program. Also, researcher tries to find out the outcoming effects on the lesson plans. Finally the feasibilities and suggestions of promoting environmental education in the future are carried out in this study. By analyzing the data collecting from 98 questionnaire and 102 test objects, the results show as following: 1. The perception, identification and inclination to participate of Kids' ISO 14000 Programme for elementary school teachers are on the favor side, i.e. the higher acceptance of the program can induce higher feasibility. 2. The elementary school teachers generally possess a well background of environmental education, and the perceptions of environment management are on the favor side, too. These findings will benefit to promote Kids' ISO 14000 Programme in Taiwan. 3. The lesson plans with STS teaching can actually induce an obvious effect. It represents that the content of Kids' ISO 14000 Programme is suitable for elementary education. 4. The effect upon the students between the fourth and sixth grades has less difference. Therefore, the application for lower grade students is suggested to prolong the effect of environmental education. This study is the first thesis to explore Kids' ISO 14000 Programme to apply to environmental education. The subjects of ISO 14000 and GHG reduction combine with STS teaching can actually intensify environmental education. In the future, other researchers can expand the range of participants and extend the age of students in order to verify the inferences of study.

Keywords : Kids' ISO 14000 Programme, Feasibility, Environmental Education, Environmental Management, STS Teaching
研究架構 ..........................50 3.3 研究假設 ..........................51 3.4 研究對象與抽
樣 .............................................53 3.5 研究方法與工具 .............................................54 3.5.1 國際 Kids' ISO 14000 計畫在國內小
學推動之可行性調查問卷.....................................................54 3.5.2 國際 Kid's ISO 14000 入門篇計畫課程活動................54 3.5.3 STS 教學法的應用.........................................55 3.5.4 教學前後測...............................................57 3.5.5 環境保護課程教學後
之家長調查問卷.........................57 3.5.6 資料處理與分析...........................................60 第四章 研究結果與討
論 ........................................64 4.1 國際 Kids' ISO 14000 計畫在國內小學推動之可行性調
查問卷之統計分析...............................................64 4.1.1 問卷之敘述性統計.........................................65 4.1.2 問卷之推論性統
計.........................................67 4.2 教案設計內容之效益評估分析.................................74 4.3 教學前後測分
析.............................................76 4.3.1 教學前後測之敘述統計分析.................................77 4.3.2 同年級樣本教學前後測之差異
分析...........................79 4.3.3 不同年級樣本教學前後測之差異分析.........................80 4.4 環境保護課程教學後家長追蹤問卷之
統計分析...................81 第五章 結論與建議..............................................85 5.1 結論.......................................................85 5.2 建
議.......................................................88 參考文獻.......................................................90 附錄一 國際 Kids' ISO 14000 計畫在國
內小學推動之可行性調查問卷... ... ... ... ... ... ... ... ... ... ... ... ... ... ... .96 附錄二 國際 Kids' ISO 14000 計畫簡
介......................101 附錄三 國際 Kid's ISO 14000 入門篇計畫課程活動設計........108 附錄四 國際 Kids' ISO 14000 入門篇
計畫課程活動之教學前後 測.............................................................137 附錄五 環境保護課程教學後之家長調查問
卷.......................141

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