

The Study on Community Green Map Combined with School Curriculum Development-Case Study in Wan-Lai Elementary School

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ABSTRACT

Due to fast communication self-consciousness in people is highly raised following the era of environmental protection. Education system is also influenced. In elementary school teachers develop their own school-based curriculums cooperated with the characteristics of community in order to inspire students' responsibilities to concern their community environment. Map is a kind of graphic symbol which can stand for common language of eco-attractions. The Green map aims to develop students' awareness of observation for their surrounded green resources. Furthermore, students could concern the environmental changes and express benevolence to their life through the procedures of drawing their own community maps. The discussion of this study is based on results from questionnaire surveys. Analyses are accompanied with literature reviews, field surveys and proper teaching activities, such as E-STS module. Teachers employ concepts of green map to make students concern about their community and realize the necessity of cooperative learning. Moreover, the students' learning outcomes would be investigated through questionnaire survey. According the results of this study, we can conclude three opinions as listed: 1. The E-STS teaching always utilize the environmental resources. The green map combined with green sites within community can actually achieve positive learning effects. 2. Employing investigation of green sites and approach of E-STS cooperative learning to students, we can understand through questionnaire survey that positive learning effect is reached. 3. Through questionnaire survey, we can understand students' responses toward the green map teaching activities cooperated with school-based curriculum in environmental education.

Keywords : School-based curriculum, Community, Green map, Questionnaire survey, Environment-science, technology and society (E-STS), Cooperative learning

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