

Research on the Learning Effect of Food and Farming Project Education in Taitung — a Case Study of Middle Grade Students of Dawang Elementary School

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Abstract

This study selected Dawang elementary school in Tamali Township, with the local crop of daylily as the test material, to discuss the effective of implementation of the courses of agri-food education. Taking “knowledge”, “attitude”, and “behavior” as the three major indicators, to compare the differences of learning outcomes after the course, and understand the influence of the courses featured a special crops in the region on the elementary students. The overall average score of attitudes showed a significant difference from 4.00 to 4.22. This reveals that after class, the average scores of attitude of children can be drawn and the effectiveness of learning has been observed. The overall average score of the behavioral facets increased significantly from 3.00 to 3.45, showing significant differences, especially the most experienced children's favorite course of study. The results showed that although the overall average score of students after learning was 7.33 higher than that of pre-study scores of 7.12, there was no significant difference. However, the concept and knowledge absorbed by the students through their personal participation in the learning experience could be brought into the life to practice and use.

Keywords: Food and farming education, Course, Effectiveness

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