THE EFFECTIVENESS OF USING MULTIMEDIA TECHNOLOGY IN TEACHING SCIENCE ON THE SIXTH GRADE AT DOTENG LOWER SECONDARY SCHOOL, BHUTAN

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The objectives of this research were, (1) to study the differences in the academic achievement between experimental and control group in grade VI, (2) to find out learning satisfaction in science using multimedia technology of students. It was experimental method with 38 students of sixth grade of Doteng Lower Secondary School. Purposive sampling was done to form the experimental and control group. Pre and post test, questionnaires, inventory checklists were used. The data were analyzed by percentage, mean, standard deviation, and t-test with the significant p-value of 0.05. The results of the study were as follows; the learning achievement level of students in the experimental group was higher than that of the control group. Post test mean score of experimental group and control group increased by 6.31 and 2.58. Learning satisfaction of the experimental group was at highest level with the overall percentage of 96.68% items of the checklists agreed. Demographic result too indicates that 74% of students are motivated to use internet to find information on concerned subjects.

Thus the researcher concluded that multimedia had great effects in teaching science in sixth grade.