

# THE USE OF OUTDOOR ACTIVITY IN THE DEVELOPMENT OF HIGHER ORDER THINKING LABORATORIES IN SCHOOLS

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## ABSTRACT

Providing experience is an important part of the educational process. Learning from experience, students will acquire various knowledge and skills for life. Through experience, students learn and find ways to solve real problems in life. Various efforts to bring real activities in people's lives into educational spaces are needed so that students can interact with various real objects and problems around them. This research intends to reveal the use of outdoor activities in designing higher thinking laboratory practices that provide creative experiences for students.

Descriptive research methods are used to reveal the application of outdoor activity-based learning activities to provide opportunities to develop students' higher-order thinking skills through practical work in the laboratory. Data were obtained in two ways, namely distributing questionnaires designed to reveal teacher knowledge about outdoor activities, implementation and obstacles that accompany implementation in learning activities. and in-depth interviews. The number of samples for the questionnaire was designed to be 50-75 teachers covering the city of Yogyakarta, Kulonprogo Regency, Gunung Kidul Regency and Sleman Regency, while the in-depth interviews were designed to consist of 5-10 teachers who were selected from the existing sample of teachers. Quantitative descriptive analysis was carried out to interpret the results.

The results of the study show that outdoor learning is not fully understood by secondary school teachers. This condition resulted in its application in the learning process

*Kata Kunci: HOT laboratorium, Group project Learning, outdoor activity*