

Comparisons of Students' Responses Relating to Buoyancy Force Between Two Different Teaching Approaches

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There is wide agreement among physics education researchers that practical work is of goal importance for teaching and learning and allows for the promotion of several education goals. However in Thailand, teaching and learning approach was focusing on lecturing rather than laboratory. The research aim to compare the gain of learning achieved using two different instructional approaches under controlled conditions. The comparison was made between two group (N=39 and N=36) of grade 10 at Rajaprachanugrough 28, Yasothon province. First group done the experiment before lecturing and second group done the lecture before experimenting. Analysis of students' task and diagnostic test results will be presented.

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