

Surveying Physics Teaching Strategies in Three Leading Schools

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To obvious how leading schools conduct their physics classrooms, this study has surveyed teaching strategies in physics classrooms of three leading schools (Mahidol Wittaynusorn, Triamudom Suksa, and Suankularb Wittayalai) using a 2 page survey. The contents of the survey were separated into two parts. Part 1 includes questions asking students to provide their personal information such as gender, age, grade, and favorite subjects. Part 2 includes a question that asking students to select activities which frequently happened in their physics classrooms from a list. The survey was distributed randomly to high-school students in those three leading schools during the 1st and 2nd semesters in 2014 academic year. Students took approximately 10 minutes to complete the survey. After that, their responses were tallied to see the frequency. The activities showed more than fifty percent responses were concentrated as dominant characteristic of teaching strategies. The surveying results showed similarity of physics teaching strategies between Triamudom Suksa and Suankularb Wittayalai. The teaching strategies in both schools quite focused on providing information, exercise and examples of solving physics problems while the differences found in Mahidol Wittaynusorn. Besides providing information, exercise and examples of solving physics problems, physics teachers let their students do more experiment than the students of those two schools.

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