

**The Development of Chemical Teaching Materials for Upper Secondary School:  
study lesson on detergent concept in Cambodia**

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**Abstract**

A study lesson dealing with the detergent concept was carried out at an upper secondary school in Cambodia after a number of teaching materials concerning with detergent were prepared for classroom activities. Through the pre-/post tests and questionnaires responded by students, the lesson study was evaluated high appreciation and satisfactory. The activities prepared in the lesson study were applicable by students. It is also recommended that it can be appropriately introduced as part of curriculum at upper secondary schools in Cambodia and other developing countries which required teaching materials.

[Keywords]: Study lesson, Teaching materials, detergent, volume of water drop, absorbance, surface tension of water, knowledge improvement of students, learning activities.