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A study of the opinions of science teachers at the secondary schools towards teaching and learning practice in learning activities in learning area of science in The secondary educational service area office 25

Pornpaka Noochan and Jeeruttikoon Dawnwichankajorn
The secondary Educational Service Area Office 25, Khon Kaen, Thailand

Abstract

In preparing a science lesson plan, teacher may deal with numerous difficulties. Having a deep understanding of their problems and their demands is extremely essential for the teacher in preparing themselves for the job. Moreover, it is also crucial for the stakeholders in planning suitable and in-need teachers' professional development programs, in school management, and in teaching aid. The purpose of this research was to survey the secondary science teachers' opinion towards practice of teaching and learning activities in science learning area. Participants were 84 science teachers that who teach in secondary school in Khon Kaen province in the academic year of 2018. Data were collected using questionnaire when consisted of closed and open-ended questions. The Results of investigation the opinions of the secondary school science teachers towards practice of teaching and learning activities in science learning area using questionnaire indicated that only three issues of learning management in science subject were rated at the "High" levels. They were your designed lesson plans help to improve students' learning achievement, you create your own lesson plans to solve the teaching problems in science contents, and our designed lesson plans help to develop your teaching profession. And the results of investigation the needs of the secondary school science teachers to participate in a training workshop on Lesson Study using questionnaire indicated that the secondary school science teachers are interested in attending a training course under the guidance of the Lesson Study by training on planning of management of learning of science to solve teaching problems in science contents by him/or herself.

Keywords: Science lesson plans, Lesson Study (LS), Science teacher, Secondary school