

Patcharaporn Poolbun 2010: Opinion of Preservice Science Teachers about Teaching and Learning using the Constructivist Approach for the Courses in the Science Teaching Curriculum. Master of Arts in Teaching, Major Field: Teaching Science, Department of Education. Thesis Advisor: Associate Professor Sunan Sung-Ong, Ph.D. 126 pages.

The objective of this research was to explore the opinions of Preservice Science teachers about Teaching and Learning Using the Constructivist Approach for the Courses in the Science Teaching Curriculum, particularly the eight subjects of Education, including Methods of Teaching Science at the Elementary Level, Methods of Teaching Science at the Secondary Level, Science Process Skills, Science and Technology Education and Society, Science Project in School, Creativity in Science, Science Extracurricular Activities in School, Utilization and Maintenance of Science Equipment. Studied Group were the 23 Preservice Science teachers in Bachelor degree. Department of Education in the Faculty of Education at the one of Universities. Collected data by Interview, the questionnaire and the opinion survey questionnaire in Teaching and Learning Using the Constructivist Approach. The data was analyzed by using frequency, percentage, mean, standard deviation and content analysis.

Results of this research were as follow : Opinions of Preservice Science teachers about Teaching and Learning Using the Constructivist Approach for the Courses in the Science Teaching Curriculum. In the eight subjects at the high level of issue in the teaching and learning process. There were six subjects included Methods of Teaching Science at the Elementary Level, Science Process Skills, Science and Technology Education and Society, Creativity in Science, Science Extracurricular Activities in School and Utilization and Maintenance of Science Equipment, which had Teaching and Learning Using the Constructivist Approach at the high level of issue in the instructional media and resources for learning. However, there were another two subjects included Methods of Teaching Science at the Secondary Level and Science Project in School at the medium level. There were eight subjects at the high level of issue in the measurement and evaluation.

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Thesis Advisor's signature