

Warachit Phiwpong 2011: The Development of Constructivism Learning Activity in Science Subject for Mathayomsuksa I Students at Tessaban Sriboonyanusorn School, Samut Sakhon Province. Master of Education (Educational Research and Evaluation), Major Field: Educational Research and Evaluation, Department of Education. Thesis Advisor: Acting Lieutenant Wongsatit Wattanaseree, Ed.D. 166 pages.

The purposes of this research were 1) to develop of constructivism learning activity in science that suitable with content, teacher, school and students and 2) to study an achievement with learning activity as constructivism learning activity in science for Mathayomsuksa 1/1 students at Tessaban Sriboonyanusorn School Samut Sakhon Province. The target population were 25 students. The constructivism learning activity was as the follow stages: 1) checking prerequisite knowledge, 2) surveying/practicing 3) studying and understanding the new knowledge and integration and 4) reflecting. An action research approach was applied for this study. The research instruments were 1) teaching plans, 2) students' worksheets, 3) task assessment forms, 4) the process skills assessment forms, 5) working behavior observation forms and 6) the journal. Frequency and percentage and content analysis were used for analyzing data.

The results of this study revealed that: constructivism learning activities was suitable with content, teacher, school and students. The students' knowledge was developed in cycle 1- cycle 5, The process skills, scientific attitude, behavior of intention: reasoning, responsibility, honesty and acceptance, were tend to progress and sum scores in excellent and good level more than fairly and adjust level.

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Student's signature

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Thesis Advisor's signature