

Wrote Muenthep 2009: The Situations and Problems of Primary Science Teacher's Evaluation of Analytical Thinking: A Case Study of Sreejinda School. Master of Education (Educational Research and Evaluation), Major Field Educational Research and Evaluation, Department of Education. Thesis Advisor: Miss Pikun Ekwarangkoon, Ph.D. 161 pages.

The purposes of this research were to study: the situation and problems of the evaluation of analytical thinking of primary science teachers in Sreejinda School, Population were four primary science teachers. The instruments were test, observation, and interview schedules. The data was analyzed by content analysis and presented as assertions and narrative essay.

The results were as follow. Science teacher grade 1, 2 and 3 had knowledge and understanding in teaching and evaluation of analytical thinking at moderate level, while the other teacher, had generally at good level. The situation of the evaluation of analytical thinking can be divided into two groups. Group I, the teachers who had sound understanding about teaching and the evaluation of analytical thinking could perform accordingly in a classroom setting; setting analytical thinking behavior indicators; working collaboratively with university lecturers and officials from Ministry of Education to develop and set criteria for scoring and rating. Analytical thinking was assessed by questioning, project report, lab report and classroom presentation. The multiple source evaluation was conducted; formative, summative, individual and group evaluation. Feedbacks were provided by descriptive essay. The results of the evaluation were taken into account in lesson planning and learner development. Group II, the three teachers who had alternative views, did not perform the evaluation effectively. The evaluation was separated from teaching. It did not enhance learning.

Causes of problem are: 1) inefficient school administration 2) lack of follow up study within school 3) inefficient knowledge management 4) teacher alternative beliefs and lack of the awareness. This study would suggest how to enhance best practice on the evaluation of analytical thinking for school science teachers, principal.

---

Student's signature

---

Thesis Advisor's signature