

THE EFFECTIVENESS OF A PROPOSED TRAINING PROGRAM FOR DEVELOPING PRE-SERVICE SCIENCE TEACHERS TO PREPARE LESSON PLAN ACCORDING TO THE SCIENCE WRITING HEURISTIC STRATEGY (SWH)

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***ABSTRACT_** The study aimed to identify the effectiveness of the proposed training program to prepare pre-service science teachers enrolled in the educational diploma program to prepare lesson plan according to Science Writing Heuristic SWH, strategy. The sample of the study was 29 pre-service science teachers, and the implementation of the program took 8 weeks. The tools of the study were: test to measure the knowledge of the writing to learn approach, test to measure the knowledge of Science Writing Heuristic SWH strategy and a checklist to assess lesson plan skills. The results of the study Showed that the average of Blakes modified gain ratio for the introduction of writing to learn approach and the knowledge of the strategies of scientific writing was SWH 1.38 and 1.21, respectively. While the average of Blakes modified gain ratio for the skills were developed in preparing a lesson plan according to SWH strategy was 1.62, which indicates the effectiveness of the program*

***KEYWORDS:** Writing to learn, Science Education, Science Writing Heuristic SWH.*