

Paper 106 – Education

IMPLICATION OF INTEGRATING FAITH AND LEARNING (IFL) ON MATHEMATICS TOWARDS STUDENT LEARNING RESULTS

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ABSTRACT

Integrating Faith and Learning (IFL) on mathematics is Mathematics learning based on faith, Integrating faith in Mathematics teaching by connecting material and God's words. Creating fun learning condition, student comprehension is led to achieve new things in terms of comprehensible not only based on surface, but they really comprehend and are able to apply in their daily life. By encouraging student honesty, it is expected to gain more ideas or concepts, theorem, formula, pattern or rules, and so forth. Teachers allow the student to be free and honest to assume, predict, explore, and so forth by applying their peer knowledge through induksi, deduksi, observation, and so forth. IFL is expected to return and observe the condition and situation of our national sisters. As a teacher, they need to be alert of situation and condition which need awareness in understanding the lack of our national sisters. It is needed to do inspection by showing honesty and dedication; and conducting evaluation for our national sisters' future. Applying IFL by giving approach, strategy, method, or any models based on faith learning can be a consideration. IFL learning has the same concept as "Ing Ngarsa Sung Tulada, Ing Madya Mangun Karsa, Tut Wuri Handayani". IFL in Mathematics is consistent with theories by Dienes, Piaget, Gagne and Brunner, and in application is done step-by-step towards abstract, which is consistent with Throndike and Ausabel. The research is experimental by designing group of control and experiment; pretest and posttest.

Keywords: Integrating Faith and Learning (IFL) on Mathematics

