

STRATEGY IMPLEMENTATION OF THE CURRICULUM 2013 SMA/MA IN PHYSICS BASED ON THE AVAILABILITY OF INSTRUCTION AND AUTHENTIC ASSESSMENT

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ABSTRACT

This research is a policy research that emphasizes the aspects of an implementation of instruction and authentic assessment in physics of SMA/MA. This activity is in a research group with the subjects of SMA/MA students's that related to the implementation of the 2013 curriculum and authentic assessment. The purpose of this research are (1) Revealed the development policies and procedures that need to be taken in order to obtain a curriculum implementation strategy with instruction and authentic assessment of physics that meets the eligible criteria; (2) Describe the aspects of the development of teacher and student books that can be integrated into the form of physics instruction with a scientific approach in order to improve the optimal student learning outcomes; and (3) Illustrates the effectiveness of authentic assessment strategy in physics instruction to develop student learning outcomes optimally.

The design of this research is a policy with a case study, based on descriptive qualitative analysis. There are two steps in data collection, about policies and experiences in implementation of curriculum 2013. In SMA/MA which became the location of PLT (limited field experience) students were extracted information from principal, teachers, and students' observation. The data were collected through interviews, observations, and documentation on the regulations and the decree of education ministry. Data analysis is done by classifying into patterns, themes and categories. Interpretation is done throughout the research with divergen and creative thinking patterns.

The result of the research concludes that the effective implementation of curriculum policy 2013 in terms of the implementation of instruction and authentic assessment was to self-funded student and teacher books. The first step in implementing this was to form a task force with personnel: chairperson, vice principal of curriculum affairs, a secretary and members representing subjects of Science, Language, Social Science, Physics Education, Sport and Health, and also workshops. Tasks of the task force include: (1) Facilitating teachers about teaching materials, teacher and student books, (2) Reviewing and improving lesson plan, and (3) Developing authentic assessment. In addition, teacher and student books are also produced; and authentic assessment models as examples of development of instruction and authentic assessment that can be implemented with scientific approach and the results can improve student learning outcomes significantly.

Kata Kunci: *strategy, scientific instruction, authentic assessment*