

**IMPLEMENTATION OF GUIDED INQUIRY TO IMPROVE STUDENTS'
MOTIVATION AND LEARNING OUTCOMES OF HUMAN
RESPIRATORY SYSTEM FOR 11th GRADE STUDENT
SMA NEGERI 1 TEBING TINGGI
ACADEMIC YEAR 2011/2012**

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ABSTRACT

The purpose of this research is to improve students' motivation and learning outcomes through the implementation of guided inquiry on human respiratory system for 11th grade student, XI IPA 6 SMA Negeri 1 Tebing Tinggi academic year 2011/2012. This is a classroom action research (CAR) which conducted in four cycles. Each cycle consists of planning, implementation, observation, and reflection steps. The subject of research consists of 1 class with 34 students which taken used purposive sampling technique. The instruments for data collection were achievement test, observation sheet, worksheet, questionnaire, and documentation. Data analysis was used both of quantitative and qualitative descriptive technique which describes the improvement in each cycle. The datum shown the classical completeness of students' learning outcomes was reached in cycle IV (94.12%) with average score 82.5. Students' motivation is included into high category with average score 4.03. Thus, the activity of students reached the percentage of 97.06%. It means the students' motivation, learning outcomes, and activity has been improved by implementing guided inquiry on human respiratory system for 11th grade student SMA Negeri 1 TebingTinggi academic year 2011/2012

Key words: *Guided inquiry, student's motivation, learning outcomes, learning activity*

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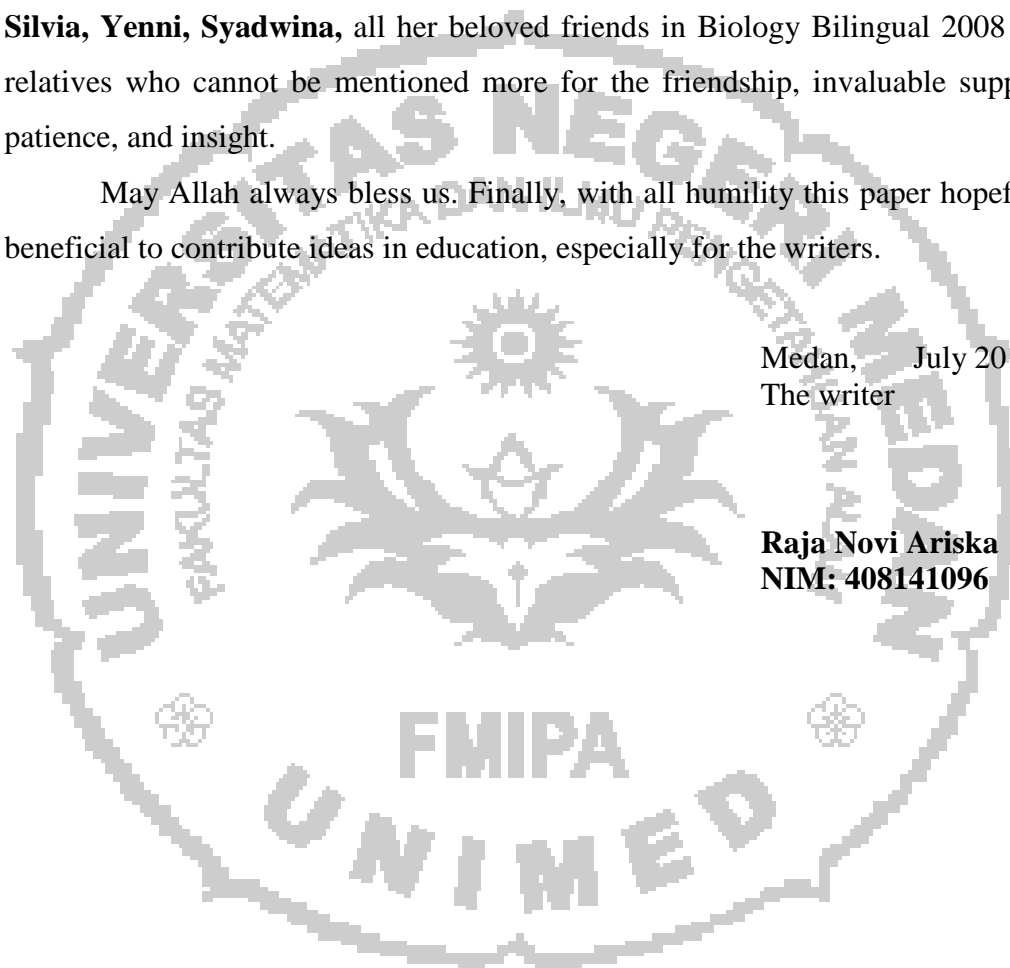
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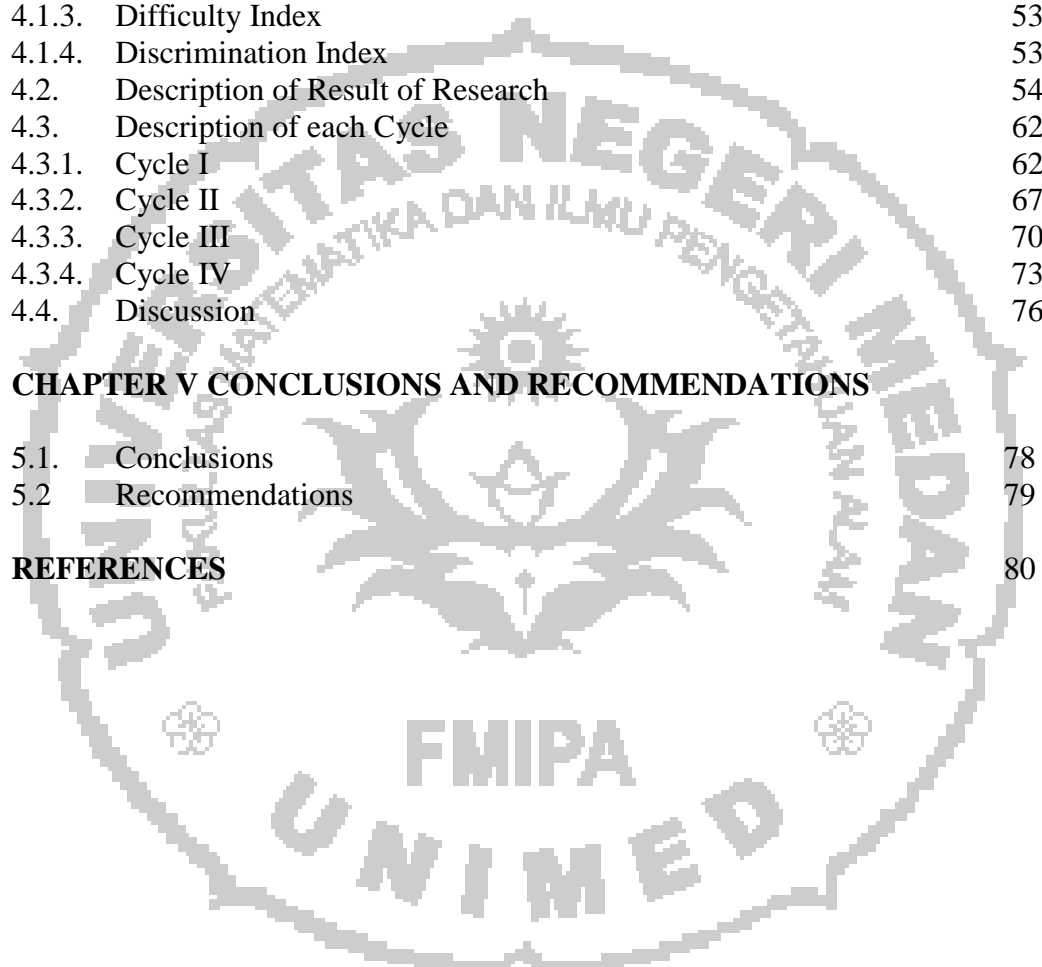
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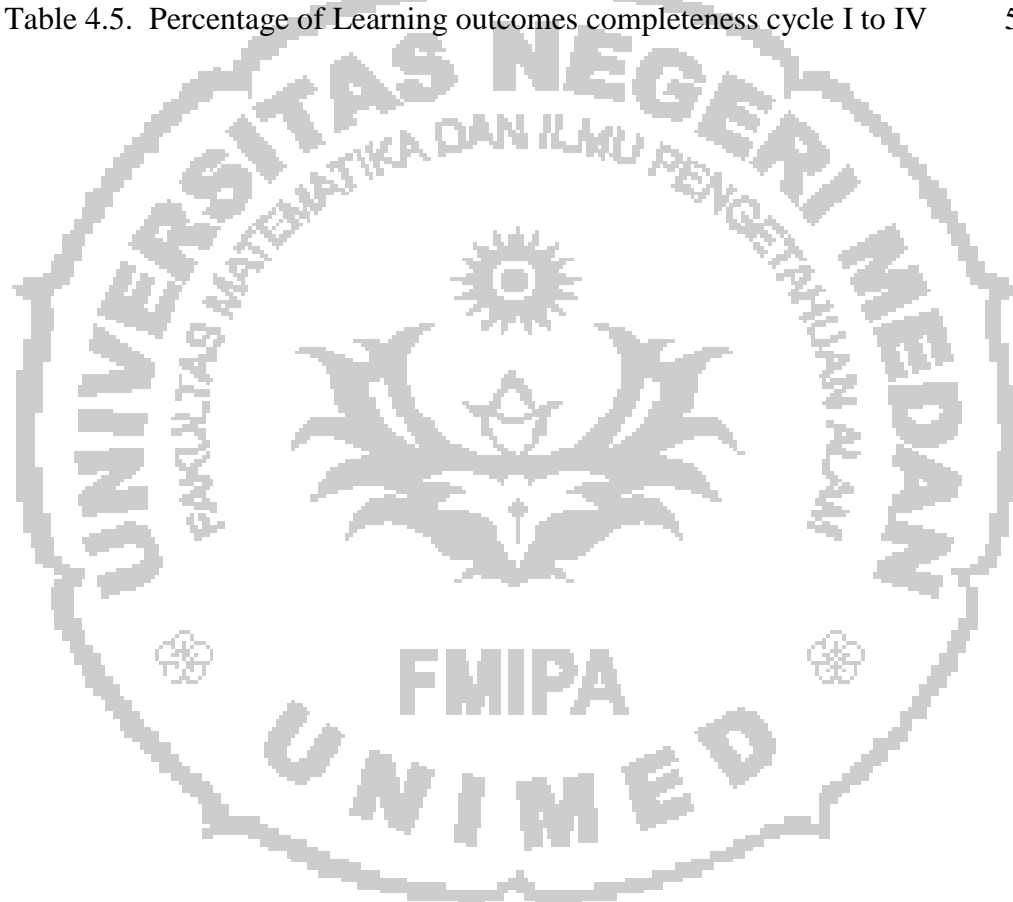
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