

ABSTRACT

IMPROVEMENT OF STUDENT'S INTEREST, MOTIVATION, AND STUDENT'S LEVEL CONCEPT OF UNDERSTANDING IN PHYSICS THROUGHOUT GROUP INVESTIGATION TYPE OF COOPERATIVE LEARNING MODEL WITH VISUAL BILINGUAL MEDIA

(Classroom Action Research in VIII – 8 RSBI in SMPN 1 Bandar Lampung)

By

Dewi Niken Ariyanti

RSBI aimed to maximize the quality of education by using English as intermediate language and assisted by technology on its implementation. SMPN 1 Bandar Lampung has sufficient facilities and potencies to apply interactive learning by using available technology as learning resources. GI type of cooperative learning model which is equipped by usage of visual bilingual media is implemented in order to fully operate that facilities and potencies.

The objectives of this research are to describe method of improvement as well as number of improvement in student's interest, motivation and level concept of understanding in work and energy subject of Class VIII - 4 RSBI SMPN 1 Bandar Lampung.

Throughout this research, it is found that student's interest can be improved by giving a freedom to the students to choose learning resources and give a source, which can attract student's attention. Motivation can be improved by giving a freedom to the students to prepare the material that will be presented. The presentation is the result of student's work and the test questions are made based on their learning activities. It can improve student's level concept of understanding. This research also notices improvement in student's interest, motivation as well as student's level concept of understanding in terms of quantitative measurement in every cycle. Based on analysis result of student's interest, it is identified that average value of student's interest in cycle I is 2,01. Then improves up to 0,25 in cycle II at 2,26 and 0,14 in cycle III at 2,40. Meanwhile analysis result of student's motivation in cycle I is at 1,90 and elevates in cycle II at 2,18 with improvement of 0,28. Thus, cycle III reaches 2,29 with 0,11 of improvement. In the same time, average value of student's level concept of understanding is at 52,71 in cycle I, increases to 66,67 in cycle II and reaches 76,25 in cycle III. Based on the research, it can be conclude that GI type of cooperative learning model with visual bilingual media can improve student's interest, motivation, and student's level concept of understanding in physics.

Key Words: interest, motivation, concept of understanding, group investigation