

ABSTRACT

Nidia Nur Zaenal, 2016. "The utilization of the Body Frame Viewer Tool to Improve Student Comprehension Ability in Human Motion System Concepts", Supervisor 1 Prof. Dr. H. Toto Sutarto Gani Utari, M.Pd., and Supervisor 2 Dr. H. Uus Toharudin, M.Pd.

The purpose of this study was to determine whether there is an increased comprehension (understanding) class XI by utilizing props skeleton on the concept of human motion system. This study uses a Pre-Experimental Designs, where there is no control variables and research sample was not chosen randomly. The population of this research is the students of class XI SMA Pasundan 2 Cimahi, namely class XI IPA 2 totaling 30 people. The instrument of this research is a knowledge test with multiple-choice questions of the 36 questions. The test consists of two phases, namely pretest and posttest. From the results, value - average pretest 39.67 and average - posttest average of 78.33. After doing research pretest and posttest researchers went by t test and obtained by the t test results are significant because hasi got hit count $t > t_{tab} = 14:00 > 2.66$. so it can be concluded that the "Use of Body Frame Viewer Tool to Improve Student Comprehension Ability in Human Motion System Concepts" can improve comprehension (understanding).

Keywords: Props skeleton, the ability of comprehension (understanding), human motion system.