Eka Anis Fauziah. 2016. **Application of Learning Model Problem Based Learning (PBL) Using the Audio Visual Media In Improving Student Results In Motion Systems Concepts.** Advisor I: Mr. Prof. Dr. H. Toto S. Gani Utari, M.Pd. dan Advisor II: Mrs. Ida Yayu Nurul Hizqiyah, S.Pd., M.Si.

ABSTRACT

This Study was conducted based on backround, low student learning outcomes in the concept of Human Motion System in XIX-1 SMA Kartika Bandung, the lack of the use of models and media in the learning process so that the lack of motivation of learners to participate in the learning process and have an impact on learning outcomes. Then the students will better understand and actively as had never done learning by using Learning Model Problem Based Learning (PBL) using the Audio Visual Media. This study aims to improve the learning outcomes of students on the concept of human motion system using Model Problem Based Learning (PBL) using the audio-visual media. The main data of this study is a pretest, posttest, aspects of knowledge, attitude aspects, and aspects of skill. Supporting data that is housed in the XIX-1 SMA Kartika Bandung. The population of this research is a class XI student with the number of 40 people. The method used is Pre-Experimental Design with study design One-group pretest-posttest design. Instruments in this study are 20 multiple choice questions that are tailored to the achievement of learning indicators that have been tested previously, observation sheets attitude assessment, skill assessment sheet, along with the assessment rubric. After doing research pretest and posttest researchers went on data analysis by t test and obtained by t test results are significant because $t_{hitung} > t_{table}$ ie 27.5933>1.68. the results of data processing of this study indicate that the hypothesis is accepted. The results of the study the average value of 27.625 pretest and posttest average of 73.25. The results of the index gain is 0.65 relatively high category. It can be concluded that the use of learning Model Problem Based Learning (PBL) using the audio-visual media can improve learning outcomes of students on the concept of human motion system.

Keywords: Learning Model Problem Based Learning (PBL), the Audio Visual Media, Learning Outcomes and Human Motion System.