

## Improving Learning Activities And Outcomes With the Implementation of Problem Based Learning Learning Model

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### ABSTRACT

*Man is God's most perfect being and God commands that man use his intellect to think about what is in the universe. Then in relation to education in Indonesia, there needs to be a model model used by educators in the learning process, One of which is to apply problem based learning that is problem-based learning. The purpose of this research is to find out 1) how the learning activities of grade XI High School 1 JOMBANG 2)the results of learning class XI High School 1 JOMBANG 3)activities and results of learning pai students grade XI High School 1 JOMBANG through the learning model problem based learning. Problem based learning is a method of learning by confronting students on real-world problems. PBL is a progressive active learning and unstructured problem-centered learning approach that is used as a starting point in the learning process. In this study, researchers used three methods in carrying out the study, namely by observation methods, interviews and documentation. From the results of research that has been done has been found a number of data both from teachers and students about pai learning in grade XI at High School 1 JOMBANG which basically responds well and states that this problem-based learning is very helpful for students in class is evidenced by the creativity and response of students during the learning process and can improve learning outcomes in the form of assignment value in islamic religious education subjects than before the implementation of m odel learning problem based learning.*

**Keywords:** *Activities And Learning Outcomes; Problem Based Learning.*

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### INTRODUCTION

Fun learning is indeed the first step to achieve quality learning outcomes, especially during the pandemic as today almost all educational institutions carry out teaching and learning activities online (Online) this is certainly very influential in the learning process of students. Therefore, interesting and easy-to-apply learning models are needed for students. In teaching and learning activities, teachers must be able to know a variety of models and methods of learning to encourage students to study the material because teaching methods have a very strategic position in supporting the success of proses learning. (Suhan, 2020)

One of the models that can be used to stimulate students in studying materials, interpreting materials, and addressing problems that occur in real life is to use *the Problem Based Learning (PBL)* model in learning activities. This model is used to provide understanding to students as well as to look at what problems occur to students in understanding various materials using a scientific approach, that information can come from anywhere, at any time, not depending on information in the direction of the teacher.

Therefore, the author tries to use Problem Based Learning Model in PAI subjects. Considering that PAI material contains about issues of worship, morals, and social, it is necessary to provide a learning model that is able to provide insight to students to think creatively and critically to existing problems, because this material will be found in daily life (Afista, Y., & Huda, S. A. A., 2020). This problem is always interesting to discuss and find solutions and students can learn independently and be directly involved in group learning. Therefore, Problem Based Learning Model is used in teaching pai

material. The goal is for students to be able to learn to think creatively, innovatively and critically (Darmawan, M. F., & Rahmawati, K., 2021). This learning helps students in finding problem solving through data search so that a solution to a problem is obtained rationally and authentically. As well as being able to lift students' learning achievements in school, especially in PAI subjects (Muh. Ramli, 2019). Success is seen from the learning outcomes of students in the teaching process in the classroom. The higher the student's learning achievement, the higher the success rate of learning.(Maret, 2021)

Through the problem based learning model is expected to improve the activities and learning outcomes of grade XI High School 1 JOMBANG students. The problem formulation in this study is 1) how the learning activities of grade XI High School 1 JOMBANG 2)How the results of learning class XI High School 1 JOMBANG 3) How activities and results of learning pai students grade XI High School 1 JOMBANG through the learning model problem based learning. This research aims to improve the activities and learning outcomes of students of grade XI High School 1 JOMBANG by applying problem based learning model.

## **METHOD**

This method uses a qualitative approach through field surveys to see the problems that will be studied by researchers. Qualitative research starts from determining or choosing a research project and then asked with research questions related to research problems, qualitative research finds real phenomena. For example, researchers want to thoroughly explore about student bullying, researchers are advised to use qualitative research methods with case study types or phenomenology. Therefore, it is time for qualitative research methods to be used as the main research that prioritizes objectivistic based on real data in the field.(Bimbingan & Konseling, 2016)

The presence of researchers in the field in qualitative research is an obligation that must be done, because researchers are key's instruments. Researchers are implementers of data collection, data analyzers and at the same time become whistleblowers of the results of research. Therefore, researchers should be able to adjust to the situation and conditions of the field.(Suhan, 2020)

This study was conducted at High School 1 JOMBANG, which is located at Jl dr Soetomo No. 15 Jombang. researchers are interested in carrying out research at the school with the consideration that, High School 1 JOMBANG in the assessment of the school community is a favorite school in jombang district that has a large number of students and often won various championships with academic and non-academic achievements. In addition, in High School 1 JOMBANG also print graduates - graduates who are qualified and competent in their respective fields - each of which has proven success both at home and abroad. Coupled with its slogan "*dare to be polite*" which is a character planting that the citizens of High School 1 JOMBANG have a polite attitude, friendly and moral. Therefore, the author makes High School 1 JOMBANG as the object of research in the implementation of this Final Task.

The data source obtained comes from observations and observations made at High School 1 JOMBANG by taking information obtained through interview techniques on predetermined subjects, namely PAI Teachers and Grade XI students. Then in this study using observation methods, interviews and documentation.

## **RESULT AND DISCUSSION**

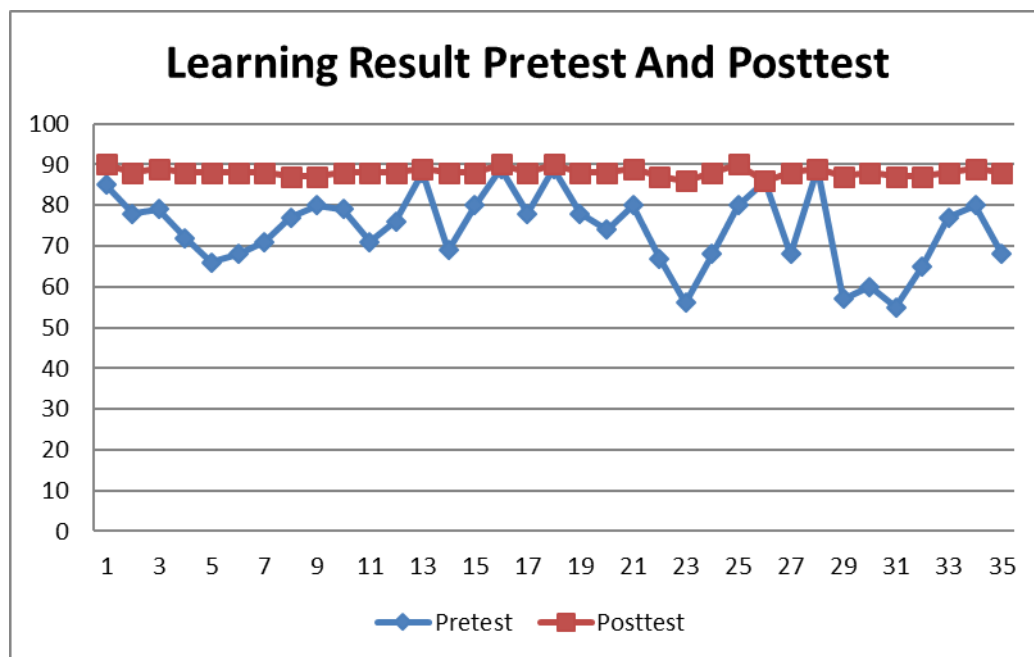
The data presented in this section are observation data, data from interviews with teachers, and data from interviews with students. Based on data obtained from research activities conducted for two months at High School 1 JOMBANG, based on the observations that have been conducted the learning process is currently conducted online so that it is very limited for researchers to observe the learning process conducted. So in this case the researchers focused more on the approach to teachers who teach pie which really understands and understands about anything and how pai learning activities with the application of problem based learning model and how the learning results in class XI in High School 1 JOMBANG.

Then based on the results of interviews conducted with teachers and students obtained data that In this interview the teacher explained a lot of the description of the question that the researcher asked. Related to pai learning activities in class XI is considered good enough because teachers also adjust the way of teaching and assignment, so that students will not feel burdened when doing assignments. But in the learning activities there are still shortcomings, one of which is the lack of active students in discussing materials or arguing with other students because of the lack of learning models applied to islamic religious education subjects. However, on the other hand, teachers are able to monitor the work of

students, starting during discussions in groups, to posttests and successfully make students enthusiastic in learning. (Parasamya & Wahyuni, 2017)

Then with the application of problem based learning is very interesting because students will think critically about the problems given in order to be solved by discussing. In the application of problem based learning, teachers provide problems that are often encountered or present in their daily life. By giving real problems, students will be easier in thinking and solving them because based on facts and basics used in the discussion in order to find a solution solution. The application of learning with Problem Based Learning in islamic religious education subjects during research can be said to run smoothly. The results showed the application of Problem Based Learning model in improving critical thinking skills and learning outcomes went well through daily tasks to semester exams and was able to achieve learning objectives (Lestari, 2017).

Regarding the results of learning has been conveyed by pai teachers that with the application of this problem based learning model grade XI students experience an increase in value although not 100%, but with the application of problem based learning this helps students creativity in thinking that will also affect academic assessment through the skills and activeness of students. Human abilities that are the result of learning are: 1) Intellectual skills (which are the most important learning outcomes of the scholastic environmental system). 2) Cognitive strategy, regulating a person's way of learning and thinking in the broadest sense, including problem solving abilities. 3) Verbal information, knowledge in the sense of information and facts. 4) Motor skills obtained in school, among others writing skills, typing, using term and so on. 5) Attitude and value, related to the direction and emotional intensity that a person has, as can be inferred from his tendency to behave towards people, goods or events (Muh. Ramli, 2019).



**Figure 1.** Learning Result Pretest And Posttest

From the graph presented that there was an increase in Islamic Religious Education class XI lessons through problem learning model with the number of students 35 research results obtained with an average of 74 with a percentage of 74% increased to 84.

After the implementation of problem based learning model in PAI subjects that make students more active in the learning process and able to think critically and logically, it can be tested with learning results through posttest that shows improved learning outcomes in the form of increased value than in the previous learning process that does not use problem based learning models.

## CONCLUSION

From the results of the research that has been done can be concluded that the learning activities that occur in class XI High School 1 JOMBANG goes well, the description from the resource person states that when in the learning process teachers must be able to adjust the way they teach because each class has its own differences in receiving lessons, but besides that in each class also has its own advantages -

each of which is different from each other. So that teachers can understand the activities that occur in class related to pai learning both in terms of understanding, activeness, skills and so on. Coupled with the application of problem based learning model that makes students more active, critical and logical thinking, so as to produce something that can be taken advantage of in order to be applied in daily life. Then in the results of the learning students showed that there is an increase in the value produced after the implementation of the problem learning model because this model is very influential to the activeness of students during the learning process.

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