

Problem Based Learning Methods To Improve Student Learning Outcomes In Islamic Education Subjects

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Abstract: *Problem based learning is a learning method that is triggered by problems, which encourages students to learn and work cooperatively in groups to find solutions, think critically and analytically, be able to determine and use appropriate learning resources. Talking about problems, in the world of education there is a problem based learning method of learning. Generally, this method will introduce students to a case that is related to the material being discussed. Then, students will be asked to find a solution to solve the case/problem. Besides, this method will improve team participation skills*

Keywords; *Problem Based Learning Methods, Learning Outcomes*

INTRODUCTION

In today's world of education, human resources are needed who have the ability and good quality to prepare for the development of an increasingly advanced era. With education, it is expected to be able to improve the ability and quality of human resources in Indonesia in facing this global era. In improving the quality of education, it cannot be separated from the learning aspect.

This is in accordance with the objectives of education as stated in UU. No. 20 of 2003, concerning the National Education System which explains that National Education functions to develop capabilities and shape the character and civilization of the nation, aiming to develop the potential of students to become human beings who believe and devoted to God Almighty, noble character, healthy, knowledgeable, capable, creative, independent, and become a democratic and responsible citizen. Here it is clear that in order to increase the quality of human resources, both physically and mentally, it is necessary to develop a good education sector. Improving the quality of education can be realized in learning that is directed to assist students in mastering the abilities learned in order to achieve the expected goals.

Students at SDN 1 Kandang Kapongan Situbondo have different levels of understanding. Because some teachers in learning still use conventional learning methods (lectures) and write on the blackboard which does not involve students actively. Learning with the lecture method is carried out by the teacher delivering the material in front of the class, while students listen and take notes, so that when students are given the opportunity to ask questions, most students do not take this opportunity. This is because students do not understand the material presented by the teacher. One of them is in the subject of Islamic Religious Education which still uses the lecture learning method. The conventional learning method is a teacher-centered learning method.

The problem with teaching and learning activities at SDN 1 Kandang Kapongan Situbondo is that during the learning process, students are less enthusiastic and less active in participating in learning. This is because the material presented by the teacher is not optimally accepted by students,

so it will have an impact on student learning outcomes. Student learning outcomes at SDN 1 Kandang Kapongan Situbondo are still relatively low, this can be seen from the number of students whose learning outcomes are less than the KKM, which is 75 in PAI subjects.

The lack of precise learning methods applied is thought to cause the number of graduates of SDN 1 Kandang Kapongan Situbondo to be lacking. To produce graduates who are able to compete, teachers can use appropriate learning methods. One of the learning methods that can be used is the problem based learning method. This is because in the use of problem based learning learning methods use problems as learning discussion material. These problems will be solved by students. With this learning, it is hoped that students will get used to dealing with problems and be able to solve them.

PROBLEM BASED LEARNING METHOD

Problem-based learning or problem-based learning is a learning model that prioritizes problem solving to be able to determine the development of students' thinking skills and make learning more meaningful. It should be noted that there are several problems that occur in learning, namely there are still many teachers who use conventional learning models which make students often feel bored and uncomfortable in participating in learning.

The current era of rapid development has make each individual inevitably have to take care of with the endless progress of the times. This makes everyone have to continue to hone their skills his ability to face life in the future, therefore determination of one way for individuals to hone their abilities to future. Understanding education is a fun fundamental thing that must be done by every individual to hone his skills. With each other's education individual talents

or interests can be developed very good to make some contribution to society.¹

The problem based learning method is also commonly referred to as the problem based learning method. Another definition states problem-based learning is a learning approach that presents contextual problems so as to stimulate students to learn.² In classrooms that apply problem-based learning methods, students work in teams to solve real-world problems. The problems given to students are used to bind curiosity in the learning being studied. Problem based learning is driven by challenges, real problems, and students work in small collaborative groups. Students are encouraged to be responsible for their groups and organize the learning process with the help of the teacher.

According to Hamdayama, he argues that the problem-based learning method is learning that focuses on life problems that are meaningful to students.³ Meanwhile, according to Abdullah, the problem-based learning method is learning whose delivery is done by presenting a problem, asking questions, facilitating investigations and opening dialogue.⁴ Problem based learning learning methods require students to actively carry out investigations in solving a problem so as to improve students' ability to think critically and creatively

Meanwhile, Trianto argues that the characteristics of the problem based learning method are: (1) the existence of questions or problems; (2) focuses on inter-discipline linkages; (3) authentic inquiry; (4) produce a product or work and present it; and (5) cooperation.⁵

Based on the understanding described above, it can be concluded that the problem based learning method is a learning method that presents problems in real life as a learning center so that students can be stimulated to learn to solve these problems so that students can improve skills and think critically in solving a problem. The problems used as learning relate to the reality experienced by students. In the problem based learning method, learning is carried out in a collaborative way, namely using small groups to solve problems.

The Steps in the Problem-Based Learning Method

The problem solving process in problem based learning follows 7 steps, including: (1) identifying problems and clarifying difficult words in the scenario; (2) determine the problem; (3) brainstorming, group members discuss and

explain the problem based on the knowledge they have; (4) determine the learning objectives to be achieved; (5) choose the most appropriate solution as a problem solving; (6) independent study, students learn independently to seek information related to learning objectives; (7) each group member explains the results of their independent study and discusses with each other.⁶ Problem solving in problem based learning must be in accordance with the steps of the scientific method. This is so that students can learn to solve problems systematically and planned. So that students can improve the learning experience in solving problems in accordance with the correct steps.

Another opinion states that in implementing problem based learning there are 5 phases/stages, namely: (1) orienting students to problems; (2) organize students to learn; (3) guiding individual and group investigations; (4) Develop and present the work; (5) analyze and evacuate the problem solving process.⁷

The steps of the learning method have several phases, including: (1) formulating the problem; (2) analyze the problem; (3) formulating hypotheses; (4) collect data; (5) test the hypothesis; (6) formulate problem solving recommendations.⁸ Problem based learning learning methods are applied to assist students in developing thinking skills, problem solving, and intellectual skills to learn to act as adults through the involvement of students in real experiences or simulations.

Strengths and Weaknesses of the Problem Based Learning Method

The advantages of problem-based learning methods include: (1) Developing students' critical thinking and creative skills; (2) Can improve students' problem solving ability by themselves; (3) Improving student motivation in learning; (4) Helping students in learning to transfer knowledge to new situations; (5) Can encourage students to have the initiative to learn independently; (6) Encouraging students' creativity in disclosing the investigation of the problems they have done; (7) With this learning method, meaningful learning will occur; (8) This method integrates knowledge and skills simultaneously and applies them in relevant contexts; (9) This learning method can improve critical thinking skills, foster student initiative in work,

¹ Binti Zakkyyatul Faqiroh, *Problem-Based Learning Model for Junior High School in Indonesia (2010-2019)*, Indonesian Journal of Curriculum and Educational Technology Studies IJCETS 8 (1) (2020): 42-48, 43.

² Darmadi. *Pengembangan Model dan Metode Pembelajaran dalam Dinamika Belajar Peserta didik*. (Yogyakarta: Deepublish : 2017), 117.

³ Hamdayama, Jumanta. *Metodologi Pengajaran*. (Jakarta: Bumi Aksara : 2016), 116

⁴ Abdullah, Sani Ridwan, *Pembelajaran Saintifik Untuk Kurikulum 2013*, (Jakarta: Bumi Aksara : 2014), 127

⁵ Trianto. *Mendesain Model Pembelajaran Inovatif Progresif*. (Jakarta: Kencana : 2009), 93

⁶ Suprihatiningrum, JAMIL. *Strategi Pembelajaran Teori & Aplikasi* (Yogyakarta: Ar-Ruzz Media : 2016), 226.

⁷ Ngalimun. *Strategi dan Model Pembelajaran*. (Yogyakarta: Aswaja Pressindo : 2016), 124

⁸ Hamdayama, Jumanta. *Metodologi Pengajaran*. (Jakarta: Bumi Aksara : 2016), 144.

internal motivation to learn, and can develop interpersonal relationships in group work.⁹

The advantages of the problem based learning method include: (1) student-centered learning because students are involved in learning activities so that students are able to absorb knowledge well; (2) students' social spirit also develops because students are trained to work together with other students in solving problems given by the teacher; (3) students can gain new knowledge from various sources.¹⁰

Another opinion states that the advantages of the problem based learning method include: (1) problem solving is a technique that is quite good for understanding the content of learning; (2) problem solving can challenge students' abilities and provide satisfaction to discover new knowledge; (3) problem solving can improve student learning activities; (4) problem solving can help students how to transfer their knowledge to understand problems in real life; (5) problem solving can help students to develop new knowledge and be responsible for the learning they do; (6) problem solving is considered more fun and student discussion; (7) problem solving can develop students' ability to think critically and develop students' abilities to adapt to new knowledge; (8) problem solving can provide opportunities for students to apply the knowledge they have in the real world.¹¹

Meanwhile, according to Kurniasih and Berlin, the weaknesses of the problem-based learning method are: (1) this method requires habituation, because the technical implementation is complicated and students are required to concentrate and have high creative power; (2) the preparation of the learning process takes a long time, this is because as far as possible the existing problems must be solved completely, so that the meaning is not cut off; (3) students cannot really know what may be important for them to learn, especially for those who have no previous experience; (4) not infrequently teachers also find it difficult, this is because the teacher has difficulty in being a facilitator and encouraging students to ask the right questions instead of providing solutions.¹²

Susanto revealed that the weaknesses of the problem based learning method, among others; (1) if students do not have interest or do not have confidence that the problem being studied is difficult to solve, then they will feel reluctant to try; (2) the success of the learner approach through problem solving requires sufficient time for preparation; (3) without their understanding to try to solve the problem being studied, then they will not learn from what they learn.¹³

Based on the descriptions above, it can be concluded that the problem based learning method has advantages and disadvantages. The advantages of the problem based learning method are: (1) students are able to think critically and

creatively in solving problems; (2) students will get used to dealing with a real problem; (3) create a sense of togetherness because students will get used to working together in solving the problems they face; (4) able to increase students' motivation and activeness in learning; (5) gain new knowledge or experience; (6) creating meaningful and not monotonous learning; (7) students are able to integrate knowledge and skills simultaneously and apply them to problems that exist in the real world. Meanwhile, the weaknesses of the problem based learning method are: (1) the implementation of the problem based learning method requires habituation, takes a long time and high funds; (2) the learning must be carried out to completion so that the meaning is not cut off; (3) this learning method cannot be applied to all subjects; (4) if students are lazy, the learning objectives will not be achieved; (5) the teacher finds it difficult to apply this learning because the teacher is not able to encourage students to be active in learning.

Factors That Influence Learning

In general, physiological conditions, such as excellent health, not in a state of tiredness and fatigue, not in a state of physical disability and so on. This can affect students in receiving subjects. Each individual, in this case, students basically have different psychological conditions, of course this also affects their learning outcomes. Some psychological factors include intelligence (IQ), attention, interest, talent, motive, motivation, cognitive and reasoning power of students.

External factors are factors that can affect a person's learning achievement which is derived from outside the person's self. Which includes external factors, among others: 1) The state of the family environment. 2) The state of the school environment. 3) The state of the community environment.

CONCLUSION

The application of the problem based learning learning model can improve student learning outcomes. The improvement in student learning outcomes can be seen from the increase in class average scores and student learning completeness in each cycle.

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¹⁰ Hamdayama, Jumanta. *Metodologi Pengajaran*. (Jakarta: Bumi Aksara : 2016), 117

¹¹ Susanto, Ahmad, *Teori Belajar Pembelajaran di Sekolah* (Jakarta: Prenada Media Group : 2014), 88 - 89

¹² Kurniasih, Imas & Berlin Sani, *Ragam Pengembangan Model Pembelajaran Untuk Peningkatan Profesionalitas Guru* (Surabaya: Kata Pena : 2015), 50 - 51

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