

Influence of Mind Mapping and Problem Based Learning Models to Interest Learning Basic Concepts IPS Students

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Abstract— Education is a very important human need to prepare human resources for the development of the nation and state of Indonesia. The advancement of science and technology (Science and Technology) has an increasingly complex impact on society. Therefore, education is expected to develop the potential of learners to become human beings who believe and piety to God Almighty, have a noble character, healthy, knowledgeable, capable, creative, independent and become citizens of democratic and responsible (Act number 20 of 2003). Such a society is expected to be able to counteract and solve problems due to the development of science and technology. The emergence of social problems and unpredictable new demands. Education will always face problems because of the gap between expectations and the outcomes of an educational process (Syah M, 2004: 39).

This type of research is quasi experiment. Quasi experimental research is a similar study with experimental research, but the difference in experimental research is usually the subject grouped at random.

Based on the results of experimental research on primary teacher education students of University Jember campus Bondowoso Lesson Year 2017/2018. through the model of learning Mind Mapping more effective than the model of learning Problem Based Learning on the interest of students of primary teacher education University of Jember Campus Bondowoso Lesson Year 2017/2018. This can be seen from the average of different results in the experimental class with the model of

learning Mind Mapping for 85,85 and control class with Problem Based Learning model of 70,27.

Keywords: *Mind Mapping Model, Problem Based Learning, Interest Learning Learner.*

I. INTRODUCTION

Education is a very important human need to prepare human resources for the development of the nation and state of Indonesia. The advancement of science and technology (Science and Technology) has an increasingly complex impact on society. Therefore, education is expected to develop the potential of learners to become human beings who believe and piety to God Almighty, have a noble character, healthy, knowledgeable, capable, creative, independent and become citizens of democratic and responsible (Act number 20 of 2003). Such a society is expected to be able to counteract and solve problems due to the development of science and technology. The emergence of social problems and unpredictable new demands. Education will always face problems because of the gap between expectations and the outcomes of an educational process (Syah M, 2004: 39).

To overcome these problems, the role of education is needed. Education requires the attention and participation of all parties. With the education will be able to educate students and form a whole human being that is pious to God Almighty. Development of education should take precedence because a nation's progress can be seen from the progress of education. Therefore, the components that exist in the educational process such as learners, teachers,

teaching-learning process, management, education services and other supporting facilities must be coordinated and cooperate well (Azwar, 2003).

At the elementary school / junior level, the social Sciences subject contains Geography, Sociology, and Economics in each branch of the subject concerning long theories and more detailed drawings. So if students are given learning using mind mapping model then it will be more interesting to see and will pay attention to the learning. Through the mind mapping model of the IPS lesson, learners are directed to learn fun and see the geography, beauty, history that has been experienced.

Therefore Mind Mapping Models and Problem Based Learning can make it easier to stimulate the learner's brain. Can help learners to make their own material in a concise and easy to understand. Mind Mapping and Problem Based Learning can be a tool for pouring all the basic ideas that originally long reading becomes an interesting and easy to make summary. Realizing the benefits of Mind Mapping and Problem Based Learning and seeing the fact that Mind Mapping and Problem Based Learning has not been utilized in Basic of Social Science Concept Learning of primary teacher education Students of Jember University Campus Bondowoso Lesson Year 2017/2018 So It Needs to Do Research to know more further how the difference and which is more effective use of Mind Mapping and Problem Based Learning in learning to interest in learning Basic Concept of social science of primary teacher education Students University of Jember Campus Bondowoso.

II. REVIEW OF LITERATURE

2.1. LEARNING OF SOCIAL SCIENCE

The purpose of Social science education is to educate and provide basic skills to the students to develop themselves in accordance with their talents, interests, abilities, and environment, as well as a variety of provisions for students to continue higher education gap. Therefore, social science education plays an important role to realize the national education, because it can develop the potential of learners into human beings who berkaklak noble, healthy, knowledgeable, capable, creative, independent, love the homeland, and become citizens of a democratic and responsible.

2.2. LEARNING OF SOCIAL SCIENCE

According to Tony Buzan, (2006: 6) Mind Mapping is a colorful and visual form of writing, which can be done by one person or team consisting of several people. According to Femi Olivia, (2008: 2) Mind Mapping is providing a key basic principle. Mind Mapping is to make it easier to dig inside and outside information from the human brain, so it's an easy way to learn and practice

quickly and easily. Children are able to make notes that are not boring in their own way that is the best way to get new ideas and plan projects to be summarized.

2.3. PROBLEM BASED LEARNING MODELS

Problem-Based Learning (PBL, Problem Based Learning) is identical with the problem. This learning model trains and develops the child's ability to solve problems that are oriented to authentic problems of real life, to stimulate the child's high-level thinking ability.

2.4. LEARNING INSTRUCTIONS

According to Djaali, (2012: 121) interest is a sense of preference and interest in a thing or activity. According to Slameto, (2010: 57) interest in learning great influence on learning achievement, because if the lesson learned is not in accordance with the interests of students, students will not learn as well. Students will be reluctant to learn and do not get satisfaction from the lesson. With the growth of interest in a person will give attention to doing something diligently for long periods of time, more concentrated, easy to remember and not easily bored with what is learned.

III. RESEARCH METHOD

This type of research is quasi experiment. Quasi experimental research is a similar study with experimental research, but the difference in experimental research is usually subjected to randomly grouped.

IV. DISCUSSION

Experimental Research Results on Primary Teacher Education Students of Jember University Campus Bondowoso Lesson Year 2017/2018 Through Mind Mapping Learning Models is more effective compared to the model of Problem Based Learning learning toward the interest of Primary Teacher Education students of Universitas Jember Campus Bondowoso Lesson Year 2017/2018. This is seen from the average of different results in the experimental class with the Mind Mapping learning model of 85.85 and the control class with Problem Based Learning model of 70.27.

looking from the amount of t value from the result of manual test (mean difference test) IPS learning interest for the experimental class and control class obtained the following results: Hypothesis testing of IPS learning interest obtained results to $t = 3.08$ and more than $t_{1-\alpha}$; $dk_{30} = 1,70$. Thus $H_0: \mu_1 = \mu_2$ is rejected or $H_1: \mu_1 > \mu_2$ is accepted, means that there are differences in learning interest between learning models Mind Mapping and Problem Based Learning model of learning. Thus it can be concluded that Mind Mapping learning model is more effective than using Problem Based Learning model of learning toward the interest in learning social science

education primary teacher education students University of Jember Campus Bondowoso Lesson Year 2017/2018.

V. CONCLUSION

Based on the results of experimental research on PGSD students of Universitas Jember Bondowoso Campus Lesson Year 2017/2018. through the model of learning Mind Mapping more effective than the model of learning Problem Based Learning on the interest of students of PGSD University of Jember Campus Bondowoso Lesson Year 2017/2018 .. This can be seen from the average of different results in the experimental class with the model of learning Mind Mapping for 85,85 and control class with Problem Based Learning model of 70,27.

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An acknowledgement section may be presented after the conclusion, if desired.

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