Effectiveness Project Based Learning (PJBL) Model on Social Sciences Learning Outcomes in class IV of Gugus Ki Hajar Dewantara Bumi Raya District, Morowali Regency

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Abstract

As it goes time, the curriculum in Indonesia has experience Lots development. The 2013 curriculum is curriculum newly designed based on paradigm education 21st century. Development curriculum the join in change load as well as the learning model used. A creative and prioritizing learning process experience personal (observing, asking, reasoning, and trying) is needed for support activity learning based 2013 curriculum. As for the formulation problems in research This Is the Project Based Learning (PJBL) learning model effective to results students studying social studies in class IV of the Ki Hajar Dewantara cluster Bumi Raya District, Regency Morowali, As for the objectives of the research .This for now effectiveness of the Project Based Learning (PJBL) model on results Study students in social studies learning in class IV of the Ki Hajar Dewantara cluster Bumi Raya District, Regency Morowali. The method used is Study quantitative can interpreted as method research based on philosophy positivism, used For research on populations or sample specific, data collection. Results Then you can concluded that effective use of the Project based learning model For increase results learn by eye social studies lessons in class 4 of the Ki Hajar Dewantara group Bumi Raya District, Morowali Regency. Temporary use method conventional No effective For increase results studying social studies in class IV of the Ki Hajar Dewantara cluster Bumi Raya District, Morowali Regency.

Keywords: Effectiveness, Project Based Learning, Learning Outcomes

Introduction

Education is something based businessawareness and planning for create a learning process and atmosphere Study. The aim of National Education is develop ability and form

character as well as civilization dignified nation in frame enlighten life nation, in order to become a man of faith and piety to God Almighty, have morals noble, healthy, knowledgeable, capable, creative, independent and become democratic citizens as well as responsible responsibility (Law Republic of Indonesia No. 20 of 2003). Task This of course very noble at a time loaded burden heavy remember future challenges participant education and a growing nation No can predicted its existence, so that teachers are required For Keep going increase quality himself as a professional teacher (Siti Muntamah & Fardana N, 2024) .

As it goes time, the curriculum in Indonesia has experience Lots development. The 2013 curriculum is curriculum newly designed based on paradigm education 21st century. The essence of curriculum the oblige participant educate For capable follow challenge progress knowledge knowledge in the 21st century. Development curriculum the join in change load as well as the learning model used. A creative and prioritizing learning process experience personal (observing, asking, reasoning, and trying) is very much needed For support activity learning based 2013 curriculum (Moutawaqil & Wibawa, 2024) .

Knowledge Knowledge Social is investigative science set events, descriptions & concepts which related with issue social. At the elementary/MI eye level Social studies lessons contain Geography, History, Sociology & Economics. Learning Knowledge Knowledge Social Sciences (IPS) in schools aim control standard existing competencies determined, therefore That Social studies lessons are a must made more interesting and easy understood (Hidayaturrohmah et al., 2024) , because IPS is more need understanding than memorization, reality show that among participant educate has develop There is a strong impression on social studies lessons difficult learning For understood and always boring. Not a little participant educate feel fed up when social studies lessons.

Causative factor low results Study student because of learning tend using a learning model conventional in the form of knowledge transfer from teacher to students, as a result student No enthusiastic in follow the learning process. Learning tend boring because in teacher learning is lacking awaken liveliness student so that student passive in follow activity learning. (Alqarny & Ridha, 2024) said social studies learning is considered boring will result decline results Study student. One of reason low results Study student that is still less application of the model or method classroom learning.

Possible efforts done for increase results Study student is with using interesting strategies and learning models attention student. Use of learning models this is for students more easy absorb and understand material provided by the teacher. One of the learning models that can be done increase is a Project Based Learning model or learning based project. With using a learning model PJBL atmosphere Study teach become more active because participant - centered educate. Participant educate can Study from experience Alone in a way direct with make the project a learning medium. Participant educate can plan, execute design, and inform or convey projects that have been made. As stated (Alqarny & Ridha, 2024) that Project Based Learning (PJBL) is possible student For can reflect ideas and opinions they yourself, and create influencing decisions results projects and learning processes in a way general ended with present results end product.

Literature Review

Learning model or in Language English called a "learning model," refers to a framework or approach systematically usedin the learning process. Learning model this designed for help student understand, remember, and apply information or learned skills. Various types of learning models can used depending on the goal learning, material taught, and needs student (Saibi et al., 2020) .

Cooperative learning model is something approach learning where students work the same in group For reach objective learning together. Approach this emphasize collaboration, interaction social, and responsibility answer together in the learning process. The cooperative learning model aims For create environment supportive learning development Skills social, skills Work team, as well understanding draft in a way more deep. This matter in line with statement Emda (Rokhimawan, 2022) stated that learning cooperative is an engaging learning strategy participation student in group For each other interact, so in this model student has two responsibilities answer, learn For himself yourself and help fellow member group For Study. More further, (Farohah & Tirtoni, 2024) also stated learning cooperative is a learning model designed for students can finish his task group. On learning cooperative student given chance for cooperate with friends in their respective groups.

Statement (Marwiah et al., 2024) reflect core value of learning cooperative, that is development Skills social, improvement interpersonal skills, and giving not quite enough answer more big to student in the learning process. This model No only about transfer information, but also about build understanding together and develop Skills useful life outside class.

The Project Based Learning (PJBL) learning model is approach learning that emphasizes application knowledge and skills in context project real or tasks authentic. PJBL involve student in demanding projects solution problems, collaboration, and implementation the concepts studied in real world situations (Nolowala et al., 2024) .

(Azurah et al., 2024) state that learning based project is possible learningstudent Work Good by individual nor group. Process standards state that for push ability student in produce work contextual good in a way individual nor is group, using approach based project (Project Based Learning) highly recommended. With so, deep learning based project, students in a way active produce meaningful work that is based on problems related realitywith life everyday, yes give experience direct, and necessary more learning from just knowledge.

The opinion above is also in line with opinion (Azurah et al., 2024) which states that the Project Based Learning learning model can influence performance student in Study. This model also helps student understand material presented more deep. Student performance at the end can influence results Study. For learning No monotonous and boring, students more easy understand the material he studied with help various activities performed through learning models project.

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Research Methods

This is type study quantitative, study quantitative can interpreted as method research based on philosophypositivism, used for research on populations or sample specific, data collection. According to (Parifia et al., nd) method study experiment is method research conducted with experiment, which is used for now influence variable independent (treatment) towards variable dependent (result) in controlled conditions. On research experiment This writer which uses two classesfirst classis class experiment and second class is class control.

Results/Findings

Analysis statistics descriptive aim For describe achievement results Study student using the project-based learning model in class experiment and use method conventional (lecture) in class control. Normality test done with objective For evaluate distribution of data on a data group or variable, whether distribution of the data normally distributed or not No. Normality test using *the Kolmogorov-Smirnov* test with criteria testing at significance > 0.05 then the data is normally distributed. Based on results calculation above with normality test using *the Kolmogorov- Smornov* test shows class *Pretest* data experiment normally distributed because mark *sig.* $0.148 > 0.05$. *Posttest* data class experiment have mark *sig.* $0.056 > 0.05$ so that the data normally distributed. Class *Pretest* Data control normally distributed because mark *sig.* $0.200 > 0.05$. Class *posttest* data controls also have normally distributed data with mark *sig.* $0.152 > 0.05$.

Based on results calculation of the N-gain score test show that the average value of the N-gain score for class experiment (Model Project based learning) is amounting to 77.2085 or 77.2% incl in category Effective. With The N-gain score is a minimum of 36% and a maximum of 100%. Temporary for the average N-gain score of the class control (method conventional) is amounting to 45.2289 or 45.2% incl in category No effective. With The N-gain score is a minimum of 33.3% and a maximum of 70%. So you can concluded that effective use of the Project based learning model For increase results learn by eye social studies lessons in class 4 of the Ki Hajar Dewantara group Bumi Raya District District Morowali. Temporary use method conventional No effective For increase results studying social studies in class IV of the Ki Hajar Dewantara cluster Bumi Raya District District Morowali.

Based on The table above is a hypothesis test performed on the results Study class experiments and classes control obtained Sig value (2-tailed) is 0.002. So that mark significance (sig.) $0.002 < 0.05$. With thereby can concluded that H0 is rejected and H1 is accepted, which means the Project Based Learning model is effective to results studying social studies in class IV of the Ki Hajar Dewantara group Bumi Raya District, Regency Morowali.

Discussion

Implementation study quasy experiment this involves two classes, viz class experiments and classes control. In class experiment researcher using the Project Based Learning model,

while in class control using a learning model conventional (Lecture) where the teacher is more dominate learning and tends to be teacher centered or learning only One direction, so student just quietly watch and listen explanation as well as copy summary material. (Maryati & Saputra, 2023) state that " Inadequate teaching methods Good will influence Study students who don't good too. So that student not enough like to lesson or the teacher, as a result students are lazy to Study.

Classroom learning taught experiments with a demanding Project Based Learning Model student For more active in the learning process, where the teacher's only task is to convey bullet points from material to be taught Then student continue with complete material from various source related with medium material taught (Sari & Nurmala, 2024) . This matter can make student more understand as well as more easily remember material studied. This matter supported by research conducted (Key, nd) Learning model based project used increase interest Study visible students from attention students who are focused on the ongoing learning process, so that happen enhancement results Study.

The Project Based Learning model can also be done practice student in cooperate each other exchange information within group scale small. Where are the students each other exchange information so participant educate more understand and can add new knowledge. In preparation until results the end of the project was built by various type opinion as well as ideas. This matter supported by (Rosmini et al., 2024) , that the Project Based Learning model can increase collaboration as well as push participant educate For develop Skills nature of communication group. Work the same with colleague group will make connection social and solidarity fellow participant educate.

Based on description above can be found out that the Project Based Learning (PJBL) learning model can make student become more interested and trusting self in displays or present product results from projects that have been assigned. The Project Based Learning learning model is one of the learning models that can be used increase concentration, thoroughness and thoroughness student as well as can develop a sense of trust high self without must shame arises. Additionally, with using this model of the learning process will felt more meaningful, not only around memorize information, but also can give deep impression for student Because learning felt more pleasant (Rofif, n.d.) .

In essence, the Project Based Learning learning model improves results Study students and add understanding student will material learning. Based on observation researcher in carry out research, on taught students with using the Project Based Learning model is visible enthusiastic student For follow lesson during the learning process takes place, in the learning model This every group will give material next lesson made project and presented as well as include ideas and ideas, learning models this can also be done create nice atmosphere, so student can Study with more Good. Whereas taught students with using a learning model conventional This seen not enough interact fellow participant educate as well as experience difficulty in finish Assigned job (Novitasari & Asbari, 2021) .

Conclusion

Based on results research and discussion of research this, then obtained conclusion that the Project Based Learning (PJBL) Model is effective in increase results Study student. This matter can see from the results data analysis descriptive that shows that the class average experiment more tall from class control. Class average experiment 86.15 and class control obtained an average of 72.50. There is significant influence from use of the Project Based Learning (PJBL) model towards results studying social studies in class IV of the Ki Hajar Dewantara group Bumi Raya sub-district, Regency Morowali. This matter seen of Sig (2-tailed) value of 0.002. If seen from hypothesis test results is known that 0.002 < 0.05 then can concluded that H0 is rejected and H1 is accepted. Ascension results learning can also be seen from N-Gain score value obtained amounting to 77.2% categorized effective.

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