



Implications of Learning Models Cooperative Numbered Heads Together (NHT) Assisted by Power Point Media on Learning Outcomes Students

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Abstract

Education also plays a role important for nation because education seen as effort enlighten man with prepare generation successor nation that has qualifications and skills. Formulation problem is Learning Model implications The Numbered Heads Together (NHT) Cooperative Assisted by Power Point Media is influential Regarding Learning Outcomes Students in Class IV Social Sciences Subjects at Lereea State Elementary School Subdistrict Bahodopi Regency Morowali. Research purposes know Learning Model implications The Numbered Heads Together (NHT) Cooperative Assisted by Power Point Media is influential Regarding Learning Outcomes Students in Class IV Social Sciences Subjects at Lereea State Elementary School Subdistrict Bahodopi Regency Morowali. Research methods experiment is method research conducted with experiment, which is used for know influence variable independent (treatment) towards variable dependent (result) in controlled conditions. Results of data analysis in research this made based on the data obtained from activity study. Study this held 5 meetings. At the meeting First, students given a pretest in class experiment.

Keywords: Learning Model, Power Point Media, Learning Outcomes

Introduction

Education is very important for every man For obtain knowledge, insight and dignity in life. Education also plays a role important for nation Because education seen as effort enlighten man with prepare generation successor nation that has qualifications and skills (Yulianti & Nataria, 2020) . Education becomes available means form character somebody become more potential and quality, so with education, human will through a maturation process

self in take decision about problems encountered with a sense of responsibility high answer (Rahayu & Agustika, 2020) .

Education becomes a medium that can form character somebody become more potential and quality, so with exists education man will undergoing a maturation process self in taking decision problems encountered accompanied by a sense of responsibility big answer (Sari et al., nd) . Education occupies very important role in effort enhancement quality resource man Good from side social, intellectual nor professional abilities because man is strength main development with thereby quality education will be very decisive level success development (Ramadhan & Saleh, 2023) .

Learning thematic based on theme Then linked between eye lesson one with others (Baskoro, 2020) . The learning process that is with combine eye lessons to make things easier student in understand material. As for the design learning thematic accommodate a number of principal discussion eye lessons at school level base such as, Mathematics, Science Natural Science (IPA), Science Knowledge Social (IPS), Citizenship Education (PKN), and Indonesian (BI). Each eye lesson own role important in help student increase results Study (Bogy Restu Divine et al., 2023) IPS is one of them eye lessons taught in elementary schools which are combination various knowledge social dealings with facts, facts, concepts, and generalizations problem social called sociology. IPS material is available equip student For life society and can overcome every problem emerging social in life daily Because IPS material contains about explanation about development develop knowledge scientific, understanding and ability analysis about condition social community (Yanayanti et al., 2020) .

Use of learning models and media in implementation activity learning is necessary thing noticed. Selection of appropriate learning models and media will be very influential towards the learning process teach in class (Grace, n.d.) . Learning model dominate delivery material learning Because Insufficient model selection appropriate makes it difficult for teachers reach objective the learning. Good learning model is in accordance with material provided, conditions students, material learning that supports the model, and the facilities available. along with development of the times, teachers must capable use and develop teaching materials for more interesting (F. A et al., 2020) .

(Augusta, nd) state that atmosphere learning fun required something activity interaction in the learning process intended teaching For overcome boredom Student so that in situation Study teach Student always show perseverance, enthusiasm as well as full participation, therefore that's what teachers have to do own creativity in apply something method capable learning push motivation and activeness Study students, so understanding student to material lesson increase. One of possible alternative learning models developed For fulfil demands the is Numbered Heads Together (NHT).

Learning model NHT cooperative can increase results Study student because of the learning model This give not quite enough answer and involve student in learning group so that student can focused and active monitor and learn the material taught by the teacher, so they understand and understand material taught, learn and improve results Study in a way meaningful, students will more active and responsible answer in practice learning process.

Implications of Learning Models Cooperative Numbered Heads Together (NHT) Assisted by Power Point Media on Learning Outcomes Students

Use of learning media can make atmosphere class become more life, learning No boring, student more motivated For increase achievement, and learning So more interesting (Kaltsum, 2023) . The existence of internal media learning is important thing Because as tool help For make things easier for teachers delivery messages material lesson to student. Teachers are aware that without learning media assistance student will difficult For understand material lesson especially material Very complex and complicated lesson. In line with matter it is a learning medium aim For minimize delivery material learning, helping student understand material learning, so become more easy and efficient as well as achieved effective learning (Ananda & Agusta, 2023)

Power Point media, making attention student will focused and student will more easy in understand material learning. So that effort enhancement liveliness, creating atmosphere fun learning and improvement results Study student will achieved. In addition, this NHT model expected can make learning that occurs can more meaningful and giving good impression to student (Rahman & Agusta, 2023)

Study This focus on studies about influence of learning models NHT cooperative because of the learning model this is highly recommended For social studies learning. Very relevant with opinion (Rahman & Agusta, 2023) that results Study students in previous social studies subjects Learning Model applied Cooperative the NHT type has an average of 74.00 with are in the category Good. Learning outcomes students in social studies subjects after Learning Model applied Cooperative the NHT type has an average of 83.00 with is in the very good category. There is significant influence of the Learning Model Cooperative Numbered Head Together type against results Study students in social studies subjects in Class IV of SD Negeri 202 Borong Ampirie Subdistrict Tellulimpoe Sinjai Regency. The size influence of learning models cooperative NHT type against results Study student amounting to 74.3%, while 25.7% was influence caused by variables other than influence of learning models cooperative NHT type.

Literature Review

Learning cooperative is an engaging learning strategy working students in a way collaboration For reach objective together (Sukadana, 2022) . Cooperative learning does not only produce performance more academic tall For all over student but also increases feelings of trust self, ability For do connection social as well as capable develop each other trust each other Good in a way individual nor groups, and abilities each other help and work The same between friends and spared from competition between individual, in other words not each other defeat between (Noviarini et al., 2020) .

The theory above explain that learning model cooperative is a learning strategy in which students Work in a way collaborative For reach objective together, no only produce results more academic Good for all over students, but also increases their sense of trust self, ability guard connection social, and can develop mutual feelings believe between students, individuals and groups, as well ability For each other help. and work The same (Noviarini et al., 2020) .

Learning model cooperative NHT emphasized structure specially designed For influence pattern interaction students and have objective For increase mastery academy, in the learning process student feel happy or not feel bored moment learning takes place, because every student can role active in their respective groups, with the use of learning models cooperative inner NHT type activity learning so can influence results Study student (Mulyaningtiyas et al., 2020).

NHT learning model is a learning model with method every student given number and created something group, then in a way random teacher calls number from student. NHT basically is a group discussion, the deflection that is only on one students who will be a group representative the. Student No given know who will be a representative of group the. The application of the NHT model ensures total involvement of all student (Putri & Augusta, 2024) .

(Alexon Alexon et al., 2023) also stated that learning model NHT cooperation can increase activity Study student because of the learning model This give not quite enough answer and involve student in Study group nor individual so that student focused and active in follow and learn material taught by the teacher, so they will understand and understand with material studied and implications in increasing results study, students will more active and responsible answer in the learning process.

The NHT structure is frequent called think in a way group, NHT was utilized For involve Enough Lots student in understand collected material in something material lesson and so on check understanding they to fill lesson the. NHT is basically a learning model is A variation discussion group, where characteristic typical from NHT is the teacher chooses a representative students his group (Asfar & Kurnia, 2020)

Based on theory on so researcher conclude that NHT is type learning cooperative sharing student become a number of group, then every member group given numbered and given chance For answer question from the teacher, when There is groups who want answer teacher questions will choose in a way random one student from member group with method randomize number belongs to each member group.

Research Methods

Study this is type study Experiment. Study experiment can interpreted as method research based on philosophypositivism, used for research on populations or sample specific, data collection. According to (Rahmadina, 2023) method study experiment is method research conducted with experiment, which is used For know influence variable independent (treatment) towards variable dependent (result) in controlled conditions.

Results/Findings

Test instrument study used For know how much big level validity, reliability, level difficulty, and power differentiator question. Based on results calculated and compared with

Implications of Learning Models Cooperative Numbered Heads Together (NHT) Assisted by Power Point Media on Learning Outcomes Students

mark r_{table} so results from a trial of 25 items question there are 15 items. The question is declared valid because $r_{count} > r_{table}$. r_{table} value obtained from the list of values critical $r_{product}$ moment with level = 0.05 with $N=15$, then we get $r_{table} = 0.468$. There are 15 items valid questions from 25 questions that is question number 1, number 4, number 5, number 6, number 7, number 10, number 11, number 14, number 15, number 17, number 18, number 19, number 20, number 22, number 25 with $r_{count} > r_{table}$. Whereas there are 10 items invalid questions out of 25 questions that is number 2, number 3, number 8, number 9, number 12, number 13, number 16, number 21, number 23, and number 24 with $r_{count} < r_{table}$. Questions declared valid during the validation test process is capable instrument measure aspect or dimensions from desired variable be measured without deviated from objective study.

Analysis statistics descriptive intended For obtain description about ability beginning eye social studies lessons and after given treatment form application of the NHT learning model with use powerpoint, results Study student. Description ability beginning students' social studies lessons Class IV of Lereea State Elementary School before application of the NHT learning model with use powerpoint From the results analysis descriptive as attached to, then ability beginning students' social studies lessons Class IV SDN Lereaa before given treatment form application of the NHT model with use power point.

average ability beginning Student before The Numbered Head Together (NHT) learning model is applied with using powerpoint media is 45.75 of ideal score 100. This shows that mark ability beginning Students at Lereea State Elementary School is in the very low category. With standard deviation amounting to 14,425 which means that more average value big from standard deviation so that can said that the average value increases represents data and has data distribution varies. Median ability beginning Student is 47, that is ability beginning Student before application of the Numbered Head Together (NHT) learning model in the classroom the there are 50% of students who get it the highest value is 47 or the lowest. If ability beginning of social studies students before The NHT learning model is applied with using powerpoint media grouped to in five categories, then obtained distribution frequency and score percentage.

Discussion

Analysis results intended inference is discussion to results testing hypothesis that has been formulated previously (Indrati, nd) . Normality test using the One-Sample Kolmogorov-Smirnov Test with use level significant 5% or 0.05 with use computer program assistance with Statistical Product and Service Solutions (SPSS) software version 22.0 with the Kolmogorov-Smirnov test, the results analysis show $pvalue \geq 0.05$ with $pvalue = 0.200$. This matter show that H_1 is accepted or normally distributed data.

Homogeneity test with using Levene Statistics with using a computer program with Statistical Product and Service Solutions (SPSS) software version 22.0 Test of Homogeneity of Variance that obtained mark significance of 0.226. So that significance in the homegene test more big from level significance $\alpha = 0.05$. So you can concluded that second data group has

level the same variant. After normality test and homogeneity test were carried out (Wudu et al., 2022) .

Test result hypothesis For individual completeness demonstrated that average score of results Study student after social studies learning through implications of learning models cooperative Numbered Head Together (NHT) type (Hamidah et al., 2021) with using powerpoint media looks that p value (sig(2-tailed) is $0.000 < 0.05$ indicating that the average results Study student after applied learning model cooperative Numbered Head Together (NHT) type with use power point more of 70. In addition, the t-test was manually obtained tcount = 4.610 and t- table = 2.131 With criteria if t Count > t Table then H_0 is rejected and H_1 is accepted so declared H_1 accepted because = $4.610 > 2.131$.

From the results analysis descriptive and inferential data obtained that it turns out Enough support theory that has stated in the study References. With So, you can concluded that " Implications of learning models cooperative Numbered Head Together (NHT) type using PowerPoint media Good used For increase results in students' social studies learning Class IV of Lereea State Elementary School " .

Conclusion

Based on results data analysis and discussion so can concluded the results of students' social studies learning after implied learning model cooperative Numbered Head Together (NHT) type using PowerPoint media show that implementation model implications Model Learning Numbered Heads Together (NHT) cooperative assisted by power point media results Study students ' eyes Class IV social studies lesson at Lereea State Elementary School Subdistrict Bahodopi Regency Morowali held with stages that is convey purpose and motivate students, presenting information, organizing student to in group cooperative, guiding group work and study with Numbered Head Together (NHT) consisting of from stages : numbering, filing questions, thinking together and answer next with evaluation.

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Implications of Learning Models Cooperative Numbered Heads Together (NHT) Assisted by Power Point Media on Learning Outcomes Students

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