

The Influence of the Inquiry Learning Model on Students' Interest in Learning and Social Studies Learning Outcomes Class IV SDN Were'a

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ABSTRACT

Study This aim For explain the influence of the Inquiry Learning model on interest learning and results learn social studies students Class IV SDN Were'a . Types of research This is study quantitative use analysis descriptive . Research design using one-group pretest-posttest design and subjects study is participant educate class VI at SDN Were'a year lesson 2023/2024. Based on results study can concluded that the use of the Inquiry learning learning model is influential to interest and results learn social studies participants educate class IV ware'e shown from : (1) the Wilcoxon test results show positive ranks between interest learning social studies experience enhancement mark from pretest to posttest. The mean rank is 5.00 while the sum of ranks is 45.00; Paired Sample T Test results show calculated t value is 12.421 > from t table 2.262 then Ho is rejected and Ha is accepted which means There is influence use Inquiry Learning method with interest learning social studies in students class IV ware'e .; and result analysis regression shows the calculated t value is 4.290 > t table 2.364 then ha is accepted and ho is rejected and the R Square value is 0.76324 meaning the influence of X on Y is 76% , meanwhile the rest influenced by other variables that are not researched . Referring to the hypothesis above so can concluded the use of the Inquiry Learning model is influential to interest study and (2) positive Wilcoxon test results between ranks results learning social studies experience enhancement mark from pretest to posttest. Meank rank is 5.50 while the sum of ranks is 45.00; Based on the t table, the t table is 2.262. Because the calculated t value is 17,881 > t table 2.262 , Ho is rejected and Ha is accepted It means There is influence use method Learning Inquiry with results learning social studies in students class IV waree ; and based on results analysis regression Calculated t value based on the coefficient table of 4.747 > t table 2.364 then Ha is accepted and Ho is rejected and the R Square value is 0.763 meaning the influence of X on Y is 76% , meanwhile the rest influenced by other variables that are not researched .

Keywords: *Inquiry Learning, interest Learning, Learning Outcomes*

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INTRODUCTION

Education is need principal for every individuals in modern times This . Education is something business every individual in prepare self face challenge current development . Every individual required to do so adapt self with development over time modern . Science

is a process, product, and attitude. Holding party role important for development quality education is a teacher who plays a role in create source Power man quality, which can be compete in the middle development such technology fast. Achievement objective National education in schools base as phase beginning education done in the learning process teach with a number eye lessons in class. One of eye lesson that plays a role in provide: insight, skills and attitudes is Knowledge Knowledge Social (IPS).

Interest to learn become reference success in the learning process. Interest to learn is a strong desire from somebody For carry out something with earnest and full not quite enough answer. Interest to learn become reject measuring beginning in learn characteristics participant educate within class, be base a educator in carry out the learning process in accordance with condition participant educate. Interest is one of them very important factor in success participants learn social studies educate Because can grow positive attitude to what is learned so that can happen change Act in demand consequence experience learned what he experienced (Abustang, 2020).

Niluh R. N and W. Darsana (2018) explain that interest is something strength motivation that causes somebody center attention to something. Interest is moving element motivation somebody so that can concentrate to something object nor activity. If material lessons learned in accordance with interest students, then participant educate follow lesson with OK, because it's very interesting to him, with a sense of interest the participant educate can focus Study. Indicator interest Study according to Djamarah includes: (1) feelings like to something activity without coercion For study it; (2) interest students in activities or Can form experiences stimulated by activities That Alone; (3) attention student with do concentration or activity to observation certain; and (4) involvement students at a time the object that causes the person like For learn and feel interested For do or do activity learning provided (Inggriyani et al., 2019).

Interest to learn can be measured through four indicators, namely: interest For study, attention in learning, motivation learning, and knowledge. Interest For Study interpreted if someone who is interested to something lesson so somebody own feeling interest to lesson that, diligent keep learning, keep going understand all related science with field that, and follow lesson with full enthusiastic and without There is burden in himself. Attention is concentration or activity soul somebody to observation, understanding or something else with rule out other thing. Participant educate have attention in learn, if soul and mind focused with what he learn. Motivation is something business or encouragement carried out in a way aware For do action learn and realize directed behavior for achievement expected goal in situation interaction Study. Knowledge interpreted that If someone who is interested to something lesson so will have extensive knowledge about lesson the as well as How benefit Study in life daily (Nurhasanah & Sobandi, 2016).

Learning outcomes is acquired abilities from activity Study. Learning outcomes concerning changes to aspects cognitive, affective and psychomotor as results from activity Study (Niluh RN & W. Darsana, 2018). Referring to Bloom's Taxonomy results Study covers three realm, namely: (1) realm cognitive, related with results Study consisting of

intellectuals on six aspect namely : knowledge , understanding , application , analysis , synthesis , and assessment ; (2) realm affective , related with attitudes and values covering five levels ability namely : receive , answer or reaction , judging , organization and characterization with something mark or complex mark ; and (3) realm psychomotor covers Skills motor , manipulation objects , neuromuscular coordination (Andriani & Rasto, 2019) . Factor affecting results Study among them is teacher's abilities in using models , methods and learning strategies as method used in manage activity learning . Adjustment material lesson The models, methods and learning strategies used are very important in success a learning process .

One of necessary efforts done For increase results Study participant educate is with apply the *Inquiry Learning* model . Yofamella & Taufik, (2023) state that *Inquiry Learning* model is something Suite activity involved learning all over ability student For search and investigate in a way systematic , logical , critical and analytical , so participant educate can formulate Alone his discovery with full of trust self . *Inquiry Learning* Model prepare participant educate on the situation For do experiment Alone in a way wide to see what happened , want do something , file questions , and searching the answer yourself , as well connect one discovery with other discoveries , compare what he found with what was found participant other students (Sari et al., 2020) .

Inquiry Learning Model practice participant educate in the process for investigate and explain something a phenomenon that is not normal . Learning model This invite participant educate For do similar thing like scientists in business they For organize knowledge and create principles . (Juniati & Widiana, 2017) . Research conducted by Yofamella & Taufik (2023) applied the *Inquiry* model Deep *Learning* learning thematic integrated conclude that from results study *library research* application of *the Inquiry Learning* model can help teachers in increase results Study student . This matter proven with results revealing data analysis that exists increase results Study participant significant education . Apart from improving results Study participant students , *Inquiry Learning* model capable increase liveliness , trust self , and abilities think critical participant educate in finish something problem in a way independent .

METHOD

Study This use type study experiment , that is method research used For look for influence treatment certain towards others within controlled conditions . Types of research experiments used in study This is a pre-experimental design. Form pre-experimental design used in study This is a one-group pretest-posttest design. Treatment results can is known more accurate , because can compare with circumstances before and after giving treatment . Research sample This were 9 participants educate Class IV of Were'a State Elementary School . Independent variable or variable free is variable independent , cause , stimulus, *predictor antecedent* . Variable free is influencing variables or being because change or emergence variable dependent (Widodo et al., 2023) .

Variable free study This is : $X = \textit{Inquiry Learning Model}$ Variable dependent or variable bound is influenced variables or being consequence Because exists variable free .

Variable This called variable bound Because variable This influenced by independent variables or free . Explanation something phenomenon certain in a way systematic can depicted with variable dependent (Widodo et al., 2023) .

FINDING AND DISCUSSION

Experience Study participant educate in a way direct / contextual about contribution plant to life creature life including man compared to with (activity observations in residential areas around school) which is barren without exists plants / trees .

The Wilcoxon test results in the "Output Signed Ranks Test" (Appendix 6) were obtained results that :

1. Negative ranks or difference negative between results learning social studies for the pretest and posttest is 0 for both the N value , mean rank, and sum rank. A value of 0 indicates No exists decrease (reduction from pretest score to posttest score).
2. Positive ranks or difference positive between interest study social studies for pretest and posttest. Here There are 9 positive data (N) , which means 9 participants educate experience enhancement mark from pretest to posttest. Mean rank or average increase the is 5.00 whereas amount rank positive or the sum of ranks is 45.00.
3. Ties are similarity rank positive or the sum of ranks is 0 so so that can said that No There is the same value between pretest and posttest.

Based on base taking decision on the Wilcoxon hypothesis test : if mark Asymp.Sig (2-tailed) < probability 0.05 then H_a is accepted and vice versa If If mark Asymp.Sig (2-tailed) > 0.05 then H_a is rejected . From the output of the Wilcoxon test results "Test Statisticsb " (Appendix 6) it is known Asymp Sig 2-Tailed has a value of 0.008 > 0.05 then can concluded that H_a was rejected It means No there is difference results study social studies for pretest and posttest so can concluded that No There is influence use inquiry method for students 6th grade at Weree Elementary School .

Based on the results of the statistical test "Paired Sample T Test" in the Paired Samples Statistics output table (Appendix 6) are explained that The average pretest score is 74.44 while the posttest is 83.85 with amount respondent 9 and for std value . pretest deviation 3.909 and posttest 2.352, pretest standard error value 1.303 and posttest 0.784. Because the average value of the pretest is < that of the posttest in a way descriptive can concluded There is difference between pretest and posttest scores . Furthermore For prove is difference the significant so need interpretation paired sample t test results through interpretation of the paired sample t test output table . So based on the output table "paired sample correlation" (attached in attachment 6) is obtained correlation test results or connection between second pretest and posttest variables with acquisition mark correlation of 0.851 and value significant 0.004. A sig value of 0.004 < 0.05 shows that There is connection between pretest and posttest variables . Furthermore based on base taking decision on the paired sample t test : H_0 = if No there is difference It means No There is

influence and H_a = if There is difference It means There is influence . If the sig (2-Tailed) value is $0.00 < 0.05$ H_0 is rejected and H_a is accepted It means There is influence . Based on mean paired differences value in the table obtained score value -9.406 which shows difference between the pretest and posttest averages , namely $77.44 - 83.85 = -9.406$. and difference difference , between -11,152 to with -7.659 (95% confidence interval of the difference lower and upper).

Apart from comparing mark significant 0.05, for testing hypothesis with probability 0.05, in the paired sample t test ie compare between calculated t value with t table. with Guidelines : If the calculated t value $>$ t table then H_0 is rejected and H_a is accepted and if the calculated t value $<$ t table then H_0 is accepted and H_a is rejected . Based on results research on the output table paired sample t test obtained results that Table values based on mark df (degree of freedom or degree freedom and value freedom ($a/2$) of the output is known mark df is 9 and the value of $0.05/2$ is 0.025. Value is used as base reference in look up the t table on the distribution t value statistical table . Based on Table t is determined that t value is 2.262. Because the calculated t value is $12.421 >$ from t table 2.262 then H_0 is rejected and H_a is accepted It means There is influence use Merode inquiry with interest learning social studies in students class IV waree . Referring to: T Table $N=9$ $df = 0.05$ which is 2.179. and T count = -12.421.

Based on Wilcoxon test results in the "Output Signed Ranks Test" (Appendix 6) were obtained results that :

1. Negative ranks or difference negative between results learning social studies for the pretest and posttest is 0 for both the N value , mean rank, and sum rank. A value of 0 indicates No exists decrease (reduction from pretest score to posttest score).
2. Positive ranks or difference positive between results study social studies for pretest and posttest. Here There are 9 positive data (N) , which means 9 participants educate experience enhancement mark from pretest to posttest. Meank rank or average increase the is 5.50 whereas amount rank positive or the sum of ranks is 45.00.
3. Ties are similarity rank positive or the sum of ranks is 0 so so that can said that No There is the same value between pretest and posttest.

Based on base taking decision on the Wilcoxon hypothesis test : if mark Asymp.Sig (2-tailed) $<$ probability 0.05 then H_a is accepted and vice versa If If mark Asymp.Sig (2-tailed) $>$ 0.05 then H_a is rejected . From the output of the Wilcoxon test results "Test Statisticsb " (Appendix 6) it is known Asymp Sig 2-Tailed has a value of $0.011 >$ 0.05 then can concluded H_a rejected It means No there is difference results study social studies for pretest and posttest so can concluded that No There is influence use inquiry method for students 6th grade at Weree Elementary School .

Based on the results of the statistical test "Paired Sample T Test" in the Paired Samples Statistics output table (Appendix 6) are explained that The average pretest score is 66.62 while the posttest is 97.78 with amount respondent 9 and for The pretest std deviation value was 5.375 and the posttest was 97.78, the pretest standard error value was 1.786 and the posttest was 0.703. Because the average value of the pretest is $<$ that of the posttest in a way descriptive can concluded There is difference between pretest and

posttest. Furthermore For prove is difference the significant so need interpretation paired sample t test results in the paired sample t test output table.

One of method For overcome attitude passive and growing interest Study student is with using learning media . Instructional Media is all necessary resources For do communication with learner . media is various type component in environment students who can stimulate it For Study including projection media that can be involve ability kinesthetic participant educate . If correlated with conditions at SDN Were'a , p this is so not possible For done Because limited supporting media included available facilities and infrastructure support activity such learning .

Georgia Pashiardis in his research “ *toward a knowledge base for school climate in Cyprus's schools* ” (towards atmosphere based school knowledge in schools in Cyprus) explains three aspect atmosphere schools that can influencing the learning process and motivation Study child that is environment social , environmental physical and environmental Study . Standard facilities and infrastructure is standard national related education with minimum criteria about room study , place exercise , place worship , library , laboratory , workshop work , place play , place express , and create , as well source other necessary learning For support the learning process including use Information and communication technology (Suranto, 2015) .

Related with effectiveness of *the Learning Inquiry* model to enhancement interest . As stated participant educate in session Interest interviews are one very important factor in success learn social studies students Because can grow positive attitude to what is learned so that can happen change Act in demand consequence experience learned what he experienced . Importance interest Study in the learning process as embodiment obligation a student For reach performance maximum learning . Therefore That interest Study student is part influencing factors performance Study worthy students noticed . Growing interest in learning from in self student that's what it will be make student can follow the learning process with happy , interested to lesson , attention to teachers, and involvement student in class , because That student will encouraged For always get good value . Interest to learn student indicated with student have a sense of joy during follow classroom learning . Students own high enthusiasm , students feel No heavy in do task . Although tasks given by the teacher in the learning process many , students Can do with calm and pleasant , students No will separated hope and no will moan sigh (Rahmawati et al., 2018) .

Social studies lessons are an educational program which is something the whole thing in essence question man in environment natural physical , as well as in environment social taken from various knowledge social , like geography , history , economics , anthropology , sociology , politics and psychology . IPS is something material an integrated study which is simplification , adaptation , selection and modification are organized from concepts and skills history , geography , sociology , anthropology and economics (Siti Nurhasanah & A. Sobandi, 2016) .

Naturally For achieve maximum processing need various facilities and infrastructure supporters . Although basically achievements results study show good result

with achievement maximum result Good interest nor results study , p This No can made yardstick measuring achievement of the learning process at SDN Were'a with category isolated . Condition This naturally need support from various party specifically can fulfillment need service education including adequate buildings and facilities and infrastructure supporter other . Trilling and Hood explained that material learning must give more designs authentic For through challenges where participants educate can collaborate create solution solve problem lesson . Solution problem leads to questions and searching answers by participants educate later can searching for solution problem in context learning use source information power (Yuni et al., 2016) .

Unity between whole phases development participant educate within environment his life is getting better extends to the age of knowledge (*knowledge age*) requires planning effective and efficient education and training . Related with planning education the so autonomy maintenance education is something appropriate requirements with determination and effort For the more empowering public (Yuni et al., 2016) . How role education inside build something nation especially in facing the knowledge age recognized since formulation Constitution foundation 1945. Therefore that 's important for all party For give his attention to existence schools that still lack compliance standard facilities and infrastructure in accordance with National Education Standards (SNP).

Related with demands of the world of education in transformation education that involves literacy processes , literacy is a complex process involving the development process knowledge previous experience , culture and experience For develop knowledge new and more understanding deep . In line with matter the draft literacy also experiences development among them that is use various digital media both in class , school , place stay nor public . Now the term literacy has develop become multiliteracy . For answer challenge 21st century government has prepare a number of programs viz with the 4C program (Critical Thinking, Communication , Collaboration, Creativity) and literacy developed with multiliteracy and the four pillars of education namely (learning to know, learning to do, learning to be, learning to live together). Government through the Ministry of Education and Culture promote a GLS program (Literacy Movement School) which is of a nature participatory and gradual with consider readiness school , readiness inhabitant school and readiness system supporter other (Sugiyarti & Arif, 2018) .

CONCLUSION

The Wilcoxon test results show *positive ranks* between interest learning social studies experience enhancement mark from *pretest* to *posttest* . *Mean rank* is 5.00 whereas *sum of ranks* is 45.00; Paired Sample T Test results show calculated t value is 12.421 > from t table 2.262 then H_0 is rejected and H_a is accepted which means There is influence use method *Inquiry Learning* with interest learning social studies in students class IV ware'e . ; and result analysis regression shows the calculated t value equal to 4,290 > t table 2,364 then h_a is accepted and h_0 is rejected and the R *Square* value equal to 0.76324 meaning the influence of X on Y is 76% , meanwhile the rest influenced by other variables that are not researched . Referring to the hypothesis above so can concluded use of *the Inquiry Learning*

model influential to interest Study . *Wilcoxon* test results showing results positive ranks between results learning social studies experience enhancement mark from pretest to posttest. Mean rank is 5.50 while the sum of ranks is 45.00; Based on the t table, the t table is 2.262. Because the calculated t value is 17,881 > t table 2.262 , Ho is rejected and Ha is accepted It means There is influence use merod *Learning Inquiry* with results learning social studies in students class IV waree ; and based on results analysis regression Calculated t value based on *coefficient table* equal to 4.747 > t table 2.364 then Ha is accepted and Ho is rejected and value *R Square* equal to 0.763 meaning the influence of X on Y is 76% , meanwhile the rest influenced by other variables that are not researched . Referring to the hypothesis above so can concluded use of *the Inquiry Learning* model influential to results Study .

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