

## The Influence of Quantum Teaching and Interaction Models Social to Performance Study Students in Social Sciences Lessons in class VA SDN 08 Bungku

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### ABSTRACT

Continuous developments in the world of education changed in a way significant , so Lots change pattern think educator from the common and rigid to more modern ones , p it is very influential to progress of education in Indonesia. Problem Formulation How the influence of the Quantum Teaching model on performance Study student in social studies lessons in the VA SDN 08 Bungku class , how influence interaction social to performance Study student in social studies lessons in the VA class of SDN 08 Bungku . is results Study students who have interaction social tall more Good than students who have interaction social low If using the Quantum Teaching model. Purpose For analyze exists the influence of the Quantum Teaching model on performance Study students in social studies learning in class VA SDN 08 Bungku . For analyze exists influence interaction social to performance Study students in social studies learning in class VA SDN 08 Bungku . For identify and analyze difference results Study students who have interaction social high and interaction social low If using the Quantum Teaching model. Types of research This that is study quantitative with use method experiment. On research experiment This writer use One class experiment . Research results Tools used For collect data on research must suitable and capable measure with appropriate what do you want measured , so that the data obtained can trusted or valid.

**Keywords:** *Quantum Teaching Model, Interaction Social , Achievement Study*

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### INTRODUCTION

Continuous developments in the world of education changed in a way significant , so Lots change pattern think educator from the common and rigid to more modern ones , p it is very influential to progress of education in Indonesia. Responding matter that , Education experts made breakthroughs new with various changes implemented to the curriculum . However from all change that , no escape from the purpose of that education Alone that is create human beings of quality and capable character actualize self become end spear progress nation and state (Putri et al., nd) .

According to Ki Hajar Dewantoro (Father of Indonesian National Education) explained about understanding education namely : Education , namely demands within life growing children , as for meaning , education that is guide all strength nature that exists in

children that , so that they as human and as member public can reach safety and happiness as high as possible (Nurul Hidayati Zahro & Arief Cahyo Utomo, 2024) .

The Condition of Education in Indonesia in the 21st Century , according to Political and Economic Risk Consultant (PERC) survey , quality education in Indonesia is in 12th place out of 12 countries in Asia. Indonesia's position is below Vietnam . Data reported by The World Economic Forum Sweden (2000), Indonesia has Power low competition , ie only occupy 37th out of 57 countries surveyed in the world . And still according to survey from the same institution Indonesia only predicated as a follower , right? as leader technology from 53 countries in the world ( Agustang , 2021). See matter the We realize that The quality of education in Indonesia is very far away left behind while education is support in increase source Power man For development nation . Therefore That Already should government and society together increase source Power man through enhancement quality of education. Efforts to educate life nation and form character dignified nation as demands learning 21st century , then teachers must capable control skills For face challenge life 21st century . Skills the including : Learning and Innovation Skills, Career and Life Skills , Digital Literacy Skills (Lestari & Novitri , 2023) .

One of characteristic modern society is always want change to more direction good (for improvement), p This Of course applies in various ways field , one of them is field education . Then deep matter This education in the District Morowali specifically moment This No inseparable with objective education national For increase quality education through utilization technology by teachers. Government Regency Morowali is very serious notice development of education in the district Morowali , here proven with increasing every education budget the year . Expected budget the can support activity learning in schools ( Nuryati & Deda, 2023) . Overview general level Educational success is still very low can be seen from a number of problem related with teachers, namely ; Not yet optimally teacher's interest in increase quality teach caused participant his education too passive in learn and estimate Because in learning , teachers are lacking creative , not yet optimally discipline and enthusiasm Work in carry out , so The teacher's enthusiasm is very worrying , demanding teacher economy is very minimal so passion and enthusiasm Work decreased , aside That factor current teacher performance low and less than optimal. Have you seen the teacher in the field yet? operate duties and functions of teachers with Good ( Aviari & Rohyana , nd) .

Follow the information above , then need done change in style teach teacher. School is place formation character students , then one factor success school in print student brilliant is a teacher. Teachers are the main pillar education , teachers must capable Become a creative , innovative and fun teacher For teach . Teacher is future shaper students , teachers must try form personality student to more direction good and quality . For help student solve their problem encounter in the environment they with think critical and visionary. Good student performance attempted generated by factors influencing environment tall low resulting performance , school have environment safe , orderly and comfortable learning process teach walk smoothly (enjoyable learning) (Hendra Apriyadi et al., 2024) .

## METHOD

Types of research This that is study quantitative with use method experiment . On research experiment This writer use One class experiment . According to (Al-hamid et al., 2024) , research model experiment can interpreted as “the research model used For look for influence treatment certain towards others within controlled conditions ” In the sense others , research experiment is study with do test to group experiment , to each group experiment worn treatments certain with conditions that can be controlled .

## FINDING AND DISCUSSION

Study This done 2 meetings . In research This researcher using two classes with different treatment class experiment with the Quantum Teaching and classroom learning model control with a learning model Cooperative Jigsaw Type . At the meeting First student given pretest questions for know knowledge beginning student before given treatment and questionnaires interaction social For determine group student with interaction social high and interaction social low . At the meeting second students in class experiment given treatment with the Quantum Teaching and classroom learning model control with a learning model Cooperative Jigsaw type , at the end learning student given posttest questions used For know Does the Quantum Teaching learning model have an effect ? to knowledge student after given treatment.

Tools used For collect data on research must suitable and capable measure with appropriate what do you want measured , so that the data obtained can trusted or valid ( Prijowuntato & Tuan, 2020). Validity test data can seen in the validity test done with method correlation product moment with criteria if  $\text{sig} < 0.05$  then instrument or the item is declared valid, from measurement validity instrument obtained there are 39 valid items.

Difficulty level question is description about how much able to question items the answered by students , questions said Good if capable stimulating student For solve it and also not make student separated hope For answered it , which means question No too easy or too difficult ( Arikunto , 2016), level test data difficulty . Testing level difficulty 30 items were obtained that passed the test.

Normality test done For know population studied normally distributed or No . Test this is condition for parametric tests , if significance  $> 0.05$ , then population normally distributed , if significance  $< 0.05$  then population distribute not normal, because significance  $> 0.05$  then decided population normal distribution .

Homogeneity test is the test used For know a number of variance the data population is the same or No with use levene test. After homogeneity test was carried out obtained results significance  $0.216 > 0.05$  so that group sample Homogeneous that is have the same ability.

The influence of the quantum teaching model on performance Study student in social studies lessons learning process teaching is also greatly influenced from as creativity from within master class using varied learning models every time you do learning and nothing but the success of the learning process That must started from self student That Alone is he capable in understand as well as capable describe new material he studied terbut ata No ( Anandari & Pada, nd) So that learning We this also worked a teacher must

using creative learning models that can help student in Study in Spirit Again in Study with use learning models that are liked by students and adapt conditions and maximize the learning process the in reach objective learning in the learning process student must look for know what to do studied at the time That so the learning process terbut succeeded and can reach competence basics achieved and in the learning process this is also and participants educate as well as students should too fulfil criteria minimum completion already determined in every every school and want to No Want to student must Study more Spirit Again in learn to meet existing targets determined at school the (Wulansari et al., 2023) .

Quantum teaching focuses on relationships dynamic in environment class- interaction founding foundation and framework For Study . Learning model This emphasize development activities potency man optimally through very humane ways , ie easy , fun , and empowering . Every member community Study conditioned For each other trust and each other support . Students and teachers practice and work together as player team To use reach success together . The main principle of quantum: Bring Their World to Our World, and Bring Our World to Their World. This is it principle main – reason base behind all strategies, models and beliefs of quantum teaching ( Djuwita & Winarni , nd) .

Influence social interaction towards performance Study student in Social Studies Lessons in form interaction social existing relationship will give influence to connection other so that there is The response is reciprocal , so with thereby possible conclusions understood related with interaction social that is form relationship that occurs between individuals who are reciprocal Good shaped group or non- group in A environment . Good interactions that occur with students can stated if can achieved so that potential possessed by students moment learning will can develop in a way maximum (Utami, 2024) .

Teaching results can be obtained said Good if side by side with ability student For do interaction social . Ability in do interaction social in line to results teaching Because interaction social will make somebody can involved Good in a way psychology or physique . Internal process do interaction will include the words and feelings spoken when do communication . That matter is reflection from attitudes and feelings as well as effort For adapt self to the environment . Man will endeavor For do identification to problems and discuss problem the For obtain breaker the problem (Utami, 2024 ) Because That school including means proper education endeavor For conditioning formal and planned teaching so that learning If in a way classic is effort in reach objective education . In essence activity teaching is A The interactions carried out in a way activated by the components contained in it . If applicable with interaction social So the interaction in question can covers between students , students with a teacher or vice versa , and students to environment Study ( Yusnaldi et al., 2024) .

## **CONCLUSION**

The influence of the Quantum Teaching model on performance Study student in social studies lessons in the VA SDN 08 Bungku class , learning process teaching is also greatly influenced from as creativity from within master class using varied learning models

every time you do learning and nothing but the success of the learning process That must started from self student . Influence interaction social to performance Study student in social studies lessons in class VA SDN 08 Bungku , achievement Study student in Social Studies Lessons in form interaction social existing relationship will give influence to connection other so that there is The response is reciprocal , so with thereby possible conclusions understood related with social interaction .

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