

## ANALYSIS OF STUDENT LEARNING INTEREST IN SCIENCE SUBJECTS CLASS V DI MUHAMMADIYAH ELEMENTARY SCHOOL 02 MEDAN

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### ABSTRACT

*This study aims to analyze students' interest in learning science. Interest is Wrong One aspect psychic man Which can push For reach objective. Someone who has an interest in an object, tends to pay attention or feel greater pleasure for the object. Teacher's strategy in increasing interest Study participant educate is give participant educate For take decision as well as control, give a clear instruction, create a threat-free classroom environment, change the atmosphere learning, offer various learning models and methods, create fair competition positive, offer present, give not quite enough answer to participant educate, give chance for students to study in groups, encourage them to self-reflect, enthusiastic, get to know students, know the interests of students, help students to find motivation from in himself. Type study This is use study qualitative descriptive. The location of this research is SD Muhammadiyah 02 Medan, Jl. Mustafa No.1 Glugur Darat I, Kec. East Medan, Medan City, North Sumatra. Research subjects are participants educate. Instrument study Which used is interview, And observation. Then then the number of population or informants in this study consisted of 30 students. Sample used in this study consisted of 5 students of class VA. The results of this study is that researchers can analyze how students' interest in learning science, and what teacher's strategy is suitable for learning science: (1) students prefer learning science done outside class or done practice in a manner direct. (2) student very like science learning because it relates to the environment and everyday life. (3) at the moment learning going on what good Teacher use media Study in present the material so that it becomes more enthusiastic and fosters interest in student learning. (4) students feel bored when learning is done only with the lecture method because it is difficult understood and easily bored, (5) if they feel bored, they tend to choose to play and class noise. Thus, the observations or analyzes carried out at SD Muhammadiyah 02 Medan, teachers must be more active, creative and innovative in the ongoing learning process especially on science learning.*

**Keywords:** *Interest Study student, Learning science, Strategy Teacher*

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### 1. INTRODUCTION

According to (Sutra 2018) method ideal For obtain competence (Skills- skills, maintain attitudes, and develop mastery of concepts related to everyday experiences). IPA deals with how to find out about natural in a manner systematic, so that IPA No only mastery gathering knowledge Which in the form of facts, concepts, or principles just but is also a process of discovery. Science Learning Education in Elementary Schools (SD) is Wrong One eye lesson must for student For studied. Science learning does not only collect and memorize the information presented in material learning, but learning Also covers dimensions Which emphasize on change behavior And experience. With learning science, students are expected to appreciate the natural surroundings and all its regularities as wrong One creation Lord. For produce learning Which maximum, a Teacher It is expected to be able to create an interesting and fun learning style interest to learn student increase and learning objectives can be implemented properly And fluent. Success Study student no free from a number of factor Which affect, in in between Because teacher factors and student factors.

The diversity of student learning styles must be recognized as soon as they are accepted in the educational institution where he lives. This facilitates student learning and teacher teaching in the learning process. A student can study well and achieve good learning outcomes if they understand their learning style. This matter facilitate students to easily and accurately

apply what they have learn and improve their intelligence. Practicum/experimental activities according to (Djamarah 2006) is an activity in which students themselves prove a theory they learn through test or observation in a manner direct. Teacher Which teach IPA in SD must capable pack And create learning IPA so as to increase student interest in learning itself through practicum activities. According to (Dahar 1986/1987) that activity practice the is Wrong One activities that can develop students' science process skills so that activities practice needs to be emphasized in science learning. Through practicum students can also understand IPA in a manner scientific And can increase nice Study student And science learning is also not boring for him. From the background above the problem can be identified as follows (1). There are still students who do not understand in learning ipa, (2) Still there is use media learning Which conventional (3) there are still students who feel bored in the learning process ipa (4) Still there is student Which No Can read so that student No can understand eye lesson ipa. Then Which become formula problem on this research as follows (1) how students' interest in learning science in School base (2) How strategy Teacher on eye lesson ipa. Then Furthermore, this study aims to (1) find out how students' interest in learning in learning ipa. (2) know strategy teacher on subjects ipa.

## **2. RESEARCH METHODS/MATERIALS AND METHODS/LITERATURE REVIEW**

In study This researcher use type study qualitative. According to Crasewel (2016) qualitative research is a type of research that describes data that has been found in the field. Qualitative research purposes to explore as well as understand the meaning in a number of individuals or groups of people who come from group social For investigate circumstances, condition, situation, event, activity, Which The results can be presented in the form of a research report. Then next on In this study, researchers used a case study approach to find out and identify more carry on reason from aspect social certain furthermore collection data can developed or proven For finish problems in research. The research location will be carried out at Muhammadiyah Elementary School 02 Medan, Jl. Mustafa No. 1 Glugur Darat I, Kec. East Medan, Medan City, Sumatra North. When the research was conducted on Friday, June 2, 2023 at 11.00 WIB until completion, the research was carried out for 2 weeks. Then next the number of population or informants in this study consisted of 30 students. Sample used in this study consisted of 5 students of class VA. In research This researcher Also supported with various data among them (1) Data secondary Which obtained through information sources such as journals, books, and mass media. (2) Data primary obtained through results of interviews with students.

## **3. RESULTS AND DISCUSSION**

### **Interest Study Student**

The interviews conducted by the 5 (five) respondents principally collected data regarding: (a) students' interest in science subjects, (b) types of learning in science subjects, (c) teacher's strategy in learning science. By using interviews and observations with observation questionnaire sheets filled in by students class VA SD Muhammadiyah 02 Medan, Jl. Mustafa No. 1 Glugur Darat I, Kec. Medan East, City Medan, Sumatra North. Sheet observation This used For observing how students' interest in learning science subjects in elementary schools. The research results obtained based on the instruments used as following:

### **Respondents 1**

*Based on sheet interview student initials "AR" from question first "according to your understanding do you like science learning?" student the answer;" I like learning science, Because learning IPA Lots discuss about Nature.".(08/07/2023).*

### **Respondents II**

*Based on sheet interview student initials "CS" from question first "according to your understanding do you like science learning?" the student replied; I like science when learning is used practice too.". (08/07/2023).*

### **Respondents III and IV**

*Based on the student interview sheets with the initials "SH and MPA" from the questions First "according to understanding You What You like learning science?" students the answer: "I very love it". (08/07/2023).*

### **Respondents V**

*Based on sheet interview student initials "NA" from question first "according to your understanding do you like learning science?" student the answered; "I love it, Because I Can know about nature". (08/07/2023).*

Based on results interview from 5th respondent researcher conclude that learning science in the view of students is not so difficult and even fun Because student like learning science, they consider learning IPA related to nature and also related to everyday life. Nature can interpreted as all something Which There is in earth. With like this compared other learning, through science learning can indirectly train oneself student For know natural more wide Again, Study conserve natural, And even give thanks over creation God who has creating nature universe.

### **Respondents I**

*Based on sheet student interview with the initials "AR" from question second "for science subjects, you prefer to listen to the material inside class or hands-on practice?" the student replied; "I prefer Study in outside class, Because I can easy understand lesson in a manner right away, moreover study while practice.". (08/07/2023).*

### **Respondents II And III**

*Based on the student interview sheets with the initials "CS and SH" from the questions second "for science subjects, you prefer to listen to the material inside class or hands-on practice?" The student answered; "I prefer And like study in outside class". (08/07/2023).*

### **Respondents IV**

*Based on sheet interview student with the initials "MP" from the question second "for science subjects, you prefer to listen to the material inside class or hands-on practice?" the student replied; "Yes, I am more Like practice in a manner direct than hear material in in class". (08/07/2023).*

Based on the interview results of the 5 respondents the researcher concluded that students own Spirit And enthusiastic Which tall to learning science, If learning is done openly or learning directly can be said practice outside the classroom. Because they prefer an active way of learning. Study outside class student can relate direct with environment around so that can foster a high sense of enthusiasm, a great sense of curiosity and even can increase student learning interest. With this student learning outcomes can be created with good and max.

### **Respondents I**

*Based on student interview sheet with the initials "AR" from question third "Is You feel more easy understand lesson If Teacher convey using learning media, such as pictures, videos, and so forth?" the student replied; "I feel so happy, because learning does not feel boring and I am also more active in learning activity learning.". (08/07/2023).*

### **Respondents II And III**

*Based on sheet interview student initials "CS And SH" from question third "Is You feel more easy understand lesson If Teacher convey with use media learning, like picture, videos, And other etc?" student the answer; "Yes Because more easy he understood And exciting". (08/07/2023).*

#### **Respondents IV**

Based on the student interview sheets with the initials "CS and SH" from the questions third "Is You feel more easy understand lesson If Teacher convey using learning media, such as pictures, videos, and so forth?" the student replied; "Yes, I find it easier understand lesson If use media.". (08/07/2023).

#### **Respondents V**

Based on the student interview sheet with the initials "NA" from the question third "Is You feel more easy understand lesson If Teacher convey using learning media, such as pictures, videos, and so forth?" the student replied; " I not easy to understand lesson it". (08/07/2023).

Based on the interview results of the 5 respondents the researcher concluded that the media learning based on images, videos, audio and so on students more easily understand the material being taught. Active, creative and innovative learning methods preferred by elementary school students. Because at the age of elementary school children are still deep a growth period that prefers things that make him feel happy and with this mindset children can easily grow and develop effectively. Most students think that this learning method is more exciting and fun. Like material Which associated with picture animation, can interesting attention, training ways of thinking, making children's responses quickly and even curiosity its getting bigger. This way of learning returns to their respective teachers. respectively. You also have to think about the positive and negative influences related to what is being taught to student.

#### **Respondents I**

Based on sheet interview student initials "AR" from question fourth "What makes you feel bored when studying in class?" the student replied; "The teacher explained too long and I didn't understand its.". (08/07/2023).

#### **Respondents II**

Based on sheet interview student initials "CS" of questions fourth "What makes you feel bored when studying in class?" the student replied; "I feel bored when learning is done only in class, and lack of practice, because the learning media makes learn it pleasant." (08/07/2023).

#### **Respondents III**

Based on sheet interview student initials "SH" of questions fourth "What makes you feel bored when studying in class?" the student replied; "What makes me bored because it is in the room closed, not enough freely, Can make sleepy And bored.". (08/07/2023).

#### **Respondents IV**

Based on sheet interview student initials "MP" from question fourth "What makes you feel bored when studying in class?" student the answer; "I bored Because Teacher like lecture without interaction, And lack of variation learning.". (08/07/2023).

#### **Respondents V**

Based on sheet interview student initials "NA" of questions fourth "What makes you feel bored when studying in class?" the student replied; "The teacher explained too long and I didn't understand its.". (08/07/2023).

Based on the interview results of the 5 respondents the researcher concluded that students easily bored in learning. This is not only caused by the students but also Teacher his. Researcher think that student Still Lots Which bored Because atmosphere uncomfortable learning. Starting from the teacher's delivery method which is not effective because Still many use method lecture without involve student. Student listen to the teacher's explanation in the classroom with different room conditions closed and plus the unpleasant way of teaching teachers, this makes student the more feel bored And even No care Again to process learning. Students need more things that can easily practice patterns he thought and also grow the spirit.

### **Respondents I**

Based on sheet interview student with the initials "AR" from question fifth "When you feel bored studying, what will you do to relieve your boredom?" the student replied; " Sometimes while listen Teacher I drawing pictures in book me.". (08/07/2023).

### **Respondents II**

Based on sheet interview initials students "CS" of question fifth "When you feel bored studying, what will you do to remove flavor bored you?" student the answer; "I choose play.". (08/07/2023).

### **Respondents III**

Based on sheet interview student initials "SH" of question fifth "When you feel bored studying, what will you do to relieve your boredom?" the student replied; "I chose excuse me For wash advance". (08/07/2023).

### **Respondents IV**

Based on sheet interview student with the initials "MP" from the question fifth "When you feel bored studying, what will you do to relieve your boredom?" the student replied; " To eliminate bored, I can take a break for a moment, look for more sources of information interesting, or try method learn which different.". (08/07/2023).

### **Respondents V**

Based on sheet interview student with the initials "NA" from question fifth "When you feel bored studying, what will you do to relieve your boredom?" the student replied; "Trying to focus on learning in order not to bored in study.". (08/07/2023).

Based on the interview results of the 5 respondents the researcher concluded that students many feel bored in learning. The emergence of boredom in student learning is not only caused by student but Which main is the teacher Which deliver material. Students in responding to their boredom vary, some are trying to evoke a sense of enthusiasm for their own learning, there are also those who don't care again towards the learning process and even its surroundings, and there are also those who channel it his talent without realized. related with matter This researcher hope Teacher more notice process learning Again Which How liked student his And get a positive and active response, so that the boredom that exists in students No arise frequently in teaching-learning process in in class.

Based on the results of interviews that have been conducted with VA class students, researchers can interesting conclusion that on eye lesson IPA student No too experience difficulties because they assume that science subjects are always associated with house and the surroundings. And then students also often feel bored learning, it is mainly caused by the teacher. Therefore, teacher must always pay attention to the learning style favored by elementary school students, so that Teacher can also with easy know results Study student maximally.

### **Teacher Strategy On Eye Lesson IPA**

This learning strategy is very important for the teacher to implement process teaching to students, so that there is an influence that can bring students to achieve learning goals more effectively and efficiently. So, from the results of the research we did through the observation of our interview sheets distributed to VA class students at SD Muhammadiyah 02 Medan, Jl. Mustafa No. 1 Glugur Land I, district Medan East, City Medan, Sumatra North. Researcher conclude that the teacher's strategy in science subjects is one of which the teacher must be able to make himself as person old second, He must capable interesting sympathy so that He become Idol para student. Work whatever Which given should Can motivating his students in Study. A Teacher Also must always active And Spirit in process learning, because student very easy motivated And enthusiastic later if learning Which done by Teacher No too monotone. In

teaching and learning also teachers must use learning media to expose material, do practice in a manner regular as well as invite they Study in outside the classroom so as not to deep bored science learning going on.

Science learning that is carried out is also related to the surrounding environment and everyday life. The benefits of the various teacher strategies are very influential once in growing and instilling student learning interest in science lessons and add to their insight in the teaching and learning process in the classroom. Student also can solve the problem. Teachers also provide opportunities for students to find their own knowledge and information obtained from the results of their observations, so students can find relationships that were not previously known by student. Appearance flavor want to know And creativity student in do test, many question Which filed students, yes not quite enough answer in complete the tasks given by the teacher, the loss of complaints of boredom and laziness at the time follow learning, creating class situation become more fun.

### **Essence Study**

Learning activities are the most important activities in creating goals education. Indicators of the success of educational goals depend a lot on the process Study Which experienced participant educate. as participant educate. Study is process behavior change. According to the psychological sense of sefra, learning is a process change that is change Act in demand as results from interaction with environment in fulfil need his life. Changes the manifest in all aspects of behavior. According to (Slameto 2010:2), "Learning is something process business Which done someone For obtain something change new behavior as a whole, as a result of his own experience in interaction with the environment." Learning must be based on the nature of people who learns, the nature of the person who teaches, and the nature of learning itself, and not solely oriented towards learning outcomes in the form of rote-memorization . (Brooks & Brooks, Degeng in warpala, 2006) in (Sutra 2018) It means, related science learning (Wulandari et al. 2019) should emphasize aspects of scientific products, process scientific, and scientific attitude to management learning.

To make it real science learning that the teacher should carry out teaching and learning activities with innovative learning such as inquiry approaches, science technology public, solving problem, And etc. observe, ask, try, reason, and communicate. It is a skill underlies science learning. If so then it can be seen that the implementation approach the become reference for application learning payload other on curriculum 2013 (Sayekti 2019). Textbooks are a source of student learning as well as guidelines used by teachers in learning. If a textbook does not present relevant material, then the impact is not curricular goals optimally achieved. Based on the explanation regarding IPA, it can be concluded that science is a science that studies the universe and its phenomena happen with method scientific For obtain product And understand draft. Importance learning IPAs are demanding role inner teacher process learning as well as Teacher expected capable choose and sorting method as well as learning models good and appropriate so that the learning process can run effectively and succeed with Good (Defyan, 2019 in (Pratham, Authority, and Sudiandika 2021).

### **Strategy Study**

Kindly general strategy have meaning something stripes big bow For act in an effort to achieve the goals that have been set. Associated with teaching and learning strategy can be interpreted as a general pattern of teacher and activity students in the embodiment of teaching and learning activities to achieve that goal has been outlined. By planning the right strategy, teachers play an important role in encouraging the realization of expectations that exist in the context of education in school. Wrong One hope the is For increase intelligence And develop students' skills (Mustafa, Hermandra, and Zulhafizh 2021). So the teacher's strategy is an

educator's effort to create a conducive learning environment for student For follow the process. Diligent Study is factor Which very determine the success of a student in school and become a competent person in field.

Strategy Teacher in increase interest Study student according to (Wicaksana And Rachman 2018) including:

- 1) Give Learners to Make Decisions and Control When a teacher giving instructions, it becomes very important in ensuring students study well. Give students the opportunity to choose a number of option And control What Which happen in class is Wrong One learning active.
- 2) Change the Learning Atmosphere Classrooms are excellent places to learn, but if it is done too often it can lead to feelings of boredom in the participants educate. For avoid matter This Also mening say interest participant educate in learn material, Teacher can give chance to they For study outside the classroom. One way to do this is by (Arsyad (2015:10 2016) create visit to school another visit to field open (natural free), invite speakers or even conduct research elsewhere. Matter This can stimulate brain participant educate And open outlook new so that they getting motivated to learn.
- 3) Offer a variety of learning models and methods. Best teacher using different methods and models of learning so that students don't feel bored during Basic learning with the teacher. For example, at a meeting First you can use the lecture method, but at the next meeting Can use method Which different -different with use variation in. In this learning, students will not feel bored and can even improve interest Study learners.
- 4) Give Opportunities for Students to Study in Groups students will feel excited to solve problems, perform experiments, and work on a particular project with other students in groups. Interaction Social activities can encourage them to do things in class and students can increase mutual interest in learning to achieve goals. Teacher must ensure that the group balanced And fair so that No ad a student Which do working alone.
- 5) Encourage Them to Reflect. One way to increase interest student learning is to encourage them to see the potential within themselves i and evaluate the strengths and weaknesses of the participants students will be more motivated to increase their learning interest. Besides that, criticism that comes from yourself can also create the urge to learn money more strong than critics Which given by the teacher.
- 6) Knowing the Interests of Learners Knowing other advantages for teachers is can associate learning methods with the interests of students. For example, if students in a class really like the season, the physics teacher can explain sound about frequency And period with use tool help like guitar and its kind. This also applies to other learning materials, where the teacher must smart in hook it up with interest participant educate so that can give motivation Study Which effective.
- 7) Active learning is one of the applications and theories about human concepts according to Abraham maslow. Maslow revealed that human potential is unlimited. He even own view Which optimistic about ability man For determine period front And Keep going develop. Wrong One method For choose strategy learning active is with control techniques presentation. A Teacher must understand that method Which appropriate can served For become a tool of extrinsic motivation in teaching and learning activities. It is purposeful to increase student interest in learning, because of student interest is very important in fostering student learning passion (Astuti 2017), desire For Study with various method, so that interest Study Which important And built And interest which has There is on self participant education can be improved.

#### 4. CONCLUSION

Learning IPA is buyer experience (Febyana 2017). Learning Which max is a teacher expected Which create style Study or an interesting and fun type of learning so that students' interest in learning increases and learning objectives. This researcher uses a case study approach, knowing And identification more carry on reason from aspect social certain. Success Study students can not be separated from the influencing factors, in the factor of the teacher who concludes that many students feel bored in learning. Learning must be based on the nature of the person who learns, the nature of the person who teaches, and the nature of learning itself. Strategy-related learning means a course outline for act in an effort to achieve the goals that have been set. Strategy learning the teacher (Siswanti 2019) plays an important role in encouraging the realization of hopes in the context of education in schools. So the teacher's strategy is an educator's business to create a conducive learning environment for students to follow the process. Diligent Study is factor Which very determine success a student go to school and make a person who is competent in his field. Someone who has interest to something object, tend give attention or feel like Which more big to object the (Widyanto 2017). However if object the No raises flavor happy then interest Study yes they even will decrease.

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