

The Correlation Between The Interest In Students' Learning And The Scores Of Physical Education, Sport, And Health Subject At State Junior High School Number 1 Of Baitussalam, Aceh Besar Regency

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Abstract

The study entitled "the correlation between interest in learning and the score of Physical Education, Sport, and Health subject at State Junior High School Number 01 of Baitussalam, Aceh Besar Regency" discusses how the teacher's efforts in exploring the interest of students in learning process in the Physical Education, Sport, and Health subject. This study aims to provide views to teachers about the potential interest of students to develop physical education learning. The population in this study were students of State Junior High School number 1 of Baitussalam, Aceh Besar Regency, which numbered 89 people. Data collection was done by using a questionnaire with some statements given. The data in this research is processed by tabulating into frequency list and analyzed by using product moment correlation test with correlation coefficient obtained at 0.705, which means the correlation between interest and student learning score has a strong category relationship. Then based on the results of the T-test obtained that t count value is 9.299, then compared with t table at the 95% significance level which is

Furthermore, it shows that the value of t count is greater than t table. Referring to this fact, the most important efforts to improve student learning outcomes in physical education subject is the interest in students, to what extent students are enthusiastic, and to focus in partaking the teaching and learning process in school. It will have a positive impact on the students themselves and also for the education world today.

Keywords: *Students' interest, Scores of Physical Education, Sport, and Health*

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I. Introduction

Education is a reconstruction of various experiences and events experienced by individuals so that everything new becomes more directed and meaningful. Education can be distinguished by different terms which are Liberal Education with General Education. Education aims to create a generation of people to have skills that are useful for themselves, society, nation, and country. In accordance with the Law of the Republic of Indonesia Number 20 of 2003 regarding the National Education System in Chapter 1 article 1 paragraph (1) "Education is a conscious and planned effort to create a learning atmosphere and learning process so that students actively develop their potential to have spiritual religion power, self-control, personality, intelligence, noble character, and skills needed by them, society, nation, and country. Every education and teaching process is virtually inseparable from the responsibility of the teacher as an educator and teacher. Teachers as educators have the main tasks and responsibilities, which is, educating students to reach maturity. Through his duties as a teacher, educators are also responsible for helping students achieve optimal development.

Therefore, in carrying out their duties, the teacher must be able to create learning activities effectively in order to realize optimal results.

The process of achieving student learning outcomes is optimal, not only determined by student factors but also factors outside of students, such as teacher and student environment. Ahmadi and Uhbiyati (1991: 256) stated that "Problems that exist in students are: 1, the problem of the economic ability of parents; 2, intelligence problems; 3, the problem of talent and interest; 4, growth and development problems; 5, personality problems; 6, attitude problems; 7, nature problem; 8, diligence and perseverance problems; 9, social problems; 10, health problems;

Based on the opinions of Ahmadi and Uhbiyati, it is clear that interest is one of the most important factors in achieving optimal results. Teachers need to know their students' interests to achieve optimal results. Regarding the opinion, Hamalik (2001: 105) states that: "Teachers need to be very familiar with the interests of their students because it is important for teachers to choose learning materials, plan learning experiences, guide them towards knowledge, and to encourage their learning motivation." Physical education is education through a physical activity which is used as a medium to achieve individual development as a whole. However, the acquisition of skills and other developments that contain the body is also at the same time a goal. Through physical education, students are socialized into physical activities including sports skills. Therefore it is not surprising if many believe and say that physical education is a part of overall education and at the same time has a strategic potential to educate.

In other words, physical education seeks to develop the person by physical means which are shares, especially those not obtained from other educational efforts because the educational results of physical experience are not limited to physical or physical development. Physical education is obliged to increase the body and soul which affects all aspects of one's daily life or the whole person. Physical education uses an overall approach that covers all areas of organic, motoric, cognitive, and effective, because humans are seen as a whole.

One of the principles in carrying out education is that students effectively take part in the educational activities carried out. To be able to carry out an activity, there must be an encouragement to carry out these activities. In other words, to be able to do something, an activity must have a sense of interest first in someone. Besides, the student interest is vital to support the course of physical education teaching and learning process. Based on the preliminary study, it turns out that not all students of State Junior High School number 01 of Baitussalam are active in taking physical education lessons, some are lazy, some are less serious in taking physical education lessons, and some are even with various pretexts trying not to take physical education lessons. Educational institutions, especially schools, have considerable responsibility in anticipating such problems, so careful research is needed to uncover the facts as they are. From the various descriptions above, the author was interested in the research entitled "The correlation between interest in learning and the score of Physical Education, Sport, and Health subject at State Junior High School Number 01 of Baitussalam, Aceh Besar Regency."

II. Research Methodology

The type of this research is correlational research. It is by the opinion of Arikunto (2000: 326) as follows, "Correlational research is a study intended to know whether there is a correlation between two or several variables. With correlation techniques, researchers can find out the correlation of variation in one variable with another variable".

Furthermore, Sukardi (2003: 166) explained that "Correlative research is a study that involves the act of collecting data to determine whether there are a correlation and the level of relations between two or more variables."

III. Results And Discussions

1. Research Table

Table 1. Based on the description above, the following table is the result of the result

Respondent number	Score		Remarks	Respondent number	Score		Remarks
	Interest aspect	Subject score			Interest aspect	Subject score	
1	75	70		46	72	60	
2	73	65		47	74	70	
3	74	70		48	77	70	
4	72	70		49	68	60	
5	82	75		50	89	80	
6	68	60		51	76	70	
7	80	70		52	74	60	
8	64	60		53	76	65	
9	66	60		54	61	70	
10	76	70		55	73	80	
1	2	3	4	5	6	7	8
11	77	65		56	75	70	

12	80	70		57	71	60	
13	76	75		58	90	85	
14	67	65		59	78	70	
15	72	65		60	69	60	
16	75	70		61	78	60	
17	71	70		62	77	70	
18	68	60		63	78	70	
19	75	70		64	75	60	
20	78	65		65	74	70	
21	64	60		66	76	60	
22	70	65		67	67	65	
23	67	60		68	81	70	
24	72	70		69	64	60	
25	68	60		70	76	70	
26	70	70		71	68	70	
27	89	70		72	67	70	
28	66	60		73	67	60	
29	67	60		74	63	60	
30	71	70		75	84	80	
31	92	70		76	71	65	
32	81	70		77	64	60	
33	77	70		78	61	60	
34	57	60		79	88	80	
1	2	3	4	5	6	7	8
35	87	70		80	69	60	
36	69	60		81	78	70	
37	72	60		82	64	60	
38	72	70		83	77	65	
39	76	65		84	74	70	
40	72	65		85	75	65	
41	69	60		86	77	65	
42	88	80		87	82	75	
43	66	60		88	80	75	
44	74	70		89	65	60	
45	75	70					

The results of the data collection score are based on the distribution of questionnaires distributed to the respondents mentioned above.

Table 2. Score Distribution of Data Collection

No.	X	Y	XY	X ²	Y ²
1	70	70	4900	4900	4900
2	70	60	4200	4900	3600
3	74	70	5180	5476	4900
4	72	70	5040	5184	4900
5	82	70	5740	6724	4900
6	68	60	4080	4624	3600
7	80	70	5600	6400	4900
8	64	60	3840	4096	3600
9	66	60	3960	4356	3600
10	76	70	5320	5776	4900
11	77	60	4620	5929	3600
12	80	70	5600	6400	4900
13	76	70	5320	5776	4900
14	67	60	4020	4489	3600
15	72	60	4320	5184	3600
16	75	70	5250	5625	4900
17	71	70	4970	5041	4900
18	68	60	4080	4624	3600
19	75	70	5250	5625	4900
20	66	60	3960	4356	3600
21	64	60	3840	4096	3600
22	70	60	4200	4900	3600
23	67	60	4020	4489	3600
24	72	70	5040	5184	4900
25	68	60	4080	4624	3600
26	70	70	4900	4900	4900
27	89	70	6230	7921	4900
28	66	60	3960	4356	3600
29	67	60	4020	4489	3600
30	71	70	4970	5041	4900

31	81	70	5670	6561	4900
32	81	70	5670	6561	4900
33	77	70	5390	5929	4900
34	57	60	3420	3249	3600
35	87	70	6090	7569	4900
36	69	60	4140	4761	3600
37	72	60	4320	5184	3600
38	72	70	5040	5184	4900
39	76	60	4560	5776	3600
40	72	60	4320	5184	3600
41	69	60	4140	4761	3600
42	88	80	7040	7744	6400
43	66	60	3960	4356	3600
44	74	70	5180	5476	4900
45	75	70	5250	5625	4900
46	72	60	4320	5184	3600
47	74	70	5180	5476	4900
48	77	70	5390	5929	4900
49	68	60	4080	4624	3600
50	89	80	7120	7921	6400
51	76	70	5320	5776	4900
52	74	60	4440	5476	3600
53	76	65	4940	5776	4225
54	61	70	4270	3721	4900
55	73	80	5840	5329	6400
56	75	70	5250	5625	4900
57	71	60	4260	5041	3600
58	90	85	7650	8100	7225
59	78	70	5460	6084	4900
60	69	60	4140	4761	3600
61	78	60	4680	6084	3600
62	77	70	5390	5929	4900
63	78	70	5460	6084	4900
64	75	60	4500	5625	3600
65	74	70	5180	5476	4900
66	76	60	4560	5776	3600
67	67	65	4355	4489	4225
68	81	70	5670	6561	4900
69	64	60	3840	4096	3600
70	76	70	5320	5776	4900
71	68	70	4760	4624	4900
72	67	70	4690	4489	4900
73	67	60	4020	4489	3600
74	63	60	3780	3969	3600
75	84	80	6720	7056	6400
76	71	65	4615	5041	4225
77	64	60	3840	4096	3600
78	61	60	3660	3721	3600
79	88	80	7040	7744	6400
80	69	60	4140	4761	3600
81	78	70	5460	6084	4900
82	64	60	3840	4096	3600
83	77	65	5005	5929	4225
84	74	70	5180	5476	4900
85	75	65	4875	5625	4225
86	77	65	5005	5929	4225
87	82	75	6150	6724	5625
88	80	75	6000	6400	5625
89	65	60	3900	4225	3600
Σ	6512	5895	433995	480602	393925

N= 89

Correlation index numbers between the interest in learning with the score of physical education subjects are:

$$r_{xy} = \frac{N \sum XY - (\sum X)(\sum Y)}{\sqrt{\{(N \sum X^2 - (\sum X)^2)\} \{(N \sum Y^2 - (\sum Y)^2)\}}}$$

$$r_{xy} = \frac{(89)(433995) - (6512)(5895)}{\sqrt{(89.480602 - 42406144)(89.393925 - 34751025)}}$$

$$r_{xy} = \frac{386255555 - 38388240}{\sqrt{(42773578 - 42406144)(35059325 - 34751025)}}$$

$$r_{xy} = \frac{237315}{\sqrt{367434.308300}}$$

$$r_{xy} = \frac{237315}{\sqrt{113279902200}}$$

$$r_{xy} = \frac{237315}{336570,80}$$

$$r_{xy} = 0,705$$

From the calculation above, the value of the correlation between interest in learning and the score of physical education subjects is 0.705

The results of data collection, to obtain the truth or acceptance of the research hypothesis, the hypothesis needs to be tested for validity after the results of the correlation or r-count value of 0.705, and if associated with the r-table of .175 ($\beta=0.05$) it can be concluded that there is a significant correlation between the interest in learning (X) and the score of physics education subjects (Y) on students of State Senior High School Number 01 of Baitussalam, Aceh Besar Regency. If the r-count is greater than r-table, the alternative hypothesis (H_a) is accepted.

$$t = \frac{r \sqrt{n - 2}}{\sqrt{(1 - r^2)}}$$

$$t = \frac{0,705 \sqrt{89 - 2}}{\sqrt{(1 - 0,705^2)}}$$

$$t = \frac{0,705 \sqrt{87}}{\sqrt{(1 - 0,50)}}$$

$$t = \frac{0,705 (9,327)}{\sqrt{0,50}}$$

$$t = \frac{6,575}{0,707}$$

$$t = 9,299$$

In accordance with the results of the t-distribution distribution above, the t-value obtained was 9.299 using the degree of magnitude $N-2 = 89-2 = 87$ at the real level ($\beta = 0.05$) of the t-distribution list obtained by the t-table value that is equal to 1,990 thus, it can be concluded that t-count is greater than t-table, so the alternative hypothesis proposed is accepted the truth.

Based on the results of the data analysis above, there is a significant correlation between physical education interest and physical education learning achievement at State Senior High School Number 01 of Baitussalam, Aceh Besar Regency.

IV. Discussion

Based on the results of the study showed that the interest in learning students at State Senior High School Number 01 of Baitussalam, Aceh Besar Regency, there was a significant correlation between the interest in learning and the score of physical education subjects. The degree of correlation between the interest in learning and physical education learning achievement can be seen from the magnitude of the correlation coefficient obtained which is equal to 0.705 which means the relationship between interest and student learning achievement has a substantial category of relationships. Then based on the results of the t-test above, it is obtained that the value of t count is 9.299. Then after comparing it with t table at the 95% significance level

which is 1.990, it shows the t count value is higher than t table. Referring to this fact, to improve student learning outcomes in physics education subjects, the most important thing that must be considered is the interest in students to what the physics subject and focus on attending physical education in school. It will have an impact on the value to be obtained by students the success and failure of the teaching and learning process of physical and sports education is determined by several factors, one of which is interest as one of the main things in the teaching and learning process so that the implementation of physical education, sports, and health can run in accordance with the existing curriculum. Although experiencing deficiencies in terms of seeing or knowing interest from students, this is not an obstacle for schools in conducting physical education learning in schools. In this case, the teacher is required to be more creative in empowering and seeing the abilities of students and utilizing all activities needed by their students so that the results to be achieved are by the desired target.

V. Conclusions And Suggestions

1. Conclusion

- a. There is a significant correlation between students' interest in learning and the score of physical education subject with a correlation coefficient of $r = 0.71$ at State Senior High School Number 01 of Baitussalam, Aceh Besar Regency.
- b. The level of interest in student learning is significant and significant in the teaching and learning process to support educational outcomes.
- c. The level of learning of students can be fully developed through the process of extracting interests that exist in these students

2. Suggestions

From the results of the study, some suggestions can be put forward as follows

- a. For students of State Senior High School Number 01 of Baitussalam, Aceh Besar Regency, they must know their interests in the teaching and learning process of physical education so that they can support the learning value of physical education by what is desired.
- b. The physical education teacher at State Senior High School, Number 01 of Baitussalam, Aceh Besar, needs to understand the learning interests that exist in their students so that the learning process will get maximum results.
- c. Aceh Besar education office and other related parties must pay attention to student interest as the primary capital in supporting education in the area and try to make learning programs for students so that they can support student learning outcomes.
- d. This research can be used as a reference in the teaching and learning process in order to improve student learning achievement, especially in physical education subjects and generally in the world of education today.

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