

Analysis Of Elementary School Students' Interests In Improving Volleyball Achievements In Cimanggung District

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ABSTRACT

This study aims to analyse elementary school students' interest in improving volleyball achievement in the Cimanggung District. The method used is a quantitative descriptive method with a survey technique, utilising a questionnaire as the main instrument. The research sample consists of 100 fifth and sixth-grade students from several elementary schools in the area. The data were analysed using descriptive statistics in the form of percentages and average values. The results of the study show that students' overall interest in volleyball is in the high category, with 80% of students showing high interest and 20% falling into the moderate category. The most dominant intrinsic factor influencing students' interest is their curiosity and attention toward volleyball, while extrinsic factors such as the role of teachers and available facilities also have an influence, albeit to a lesser extent. The study concludes that high student interest can positively contribute to improved achievement in volleyball. Therefore, support from the school environment, engaging learning strategies, and adequate facilities are crucial to maintaining and enhancing students' interest in this sport.

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A. Conception and design of the study;
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INTRODUCTION

Physical education in general can be defined as education through physical activities, games or sports chosen to achieve the desired goals. (Budi, 2021) Physical education is the only school subject that focuses on the development of students' psychomotor skills and overall mental health and has a major influence on designing daily movement routines and habits (Lenka et al., 2021).

Students' interest in sports, especially volleyball, is an important factor in supporting the success of physical education learning. Interest is a person's tendency to feel attracted to and like an activity, which then encourages them to be actively involved in the activity. In the context of basic education, students' interest is greatly influenced by various factors, both internal and external, such as motivation, attention, pleasure,

the role of teachers, family environment, and the availability of facilities and infrastructure (Astuti et al., 2015).

The urgency of this research lies in the decreasing interest of elementary school students in volleyball sports in the Cimanggung District. This phenomenon can be caused by the lack of adequate sports facilities, monotonous learning approaches, and students' attention shifting to other activities. Volleyball, as part of the physical education curriculum, has great potential in developing students' physical and social aspects. Therefore, it is important to research to determine the extent of students' interest in volleyball sports and the factors that influence it.

Literature shows that interest plays an important role in achieving learning. (Astuti et al. 2015) Stated that interest is an inner drive to pay attention and be actively involved in an activity. Interest can be manifested in the active participation of students in learning activities. If students have a high interest, then their involvement in the learning process will also be high, which ultimately has an impact on increasing achievement. Several previous studies (Ikadarny, 2025; Kinanti et al., 2024:2019) confirmed that students' interest in volleyball has a positive relationship with their participation and achievement in the sport.

How big is the interest of elementary school students in Cimanggung District in the sport of volleyball, and the factors that influence this interest, both from within the students themselves (intervention) and from outside the students themselves (external).

METHODS

This study uses a descriptive method with a quantitative approach. The descriptive method aims to provide a clear and systematic picture of a phenomenon or condition being studied. As explained by Sugiyono (2016). This method is used to explain what happens in the field without trying to draw general conclusions. In other words, researchers only present facts based on existing findings, without intervening or changing the conditions being studied.

In this study, the researcher used a quantitative method with a survey research type. This approach was chosen because it allows researchers to collect data from populations on both small and large scales, with the aim of understanding how social and psychological phenomena occur in society. According to Sugiyono (2016), Survey research is conducted on a certain population by taking a representative sample, and the data collected aims to determine the occurrence, distribution, and relationship between the variables studied. This survey method is especially useful when researchers want to obtain information directly from respondents through data collection techniques such as questionnaires, tests, or structured interviews. The research is conducted in a natural environment. Through this approach, the data obtained reflects the actual conditions in the field, while providing an objective picture of the views, behaviour, or characteristics of respondents towards the topic being studied.

The population in this study were elementary school students in Cimanggung District. The location of the study will be carried out at one of the elementary schools in Cimanggung District, Sumedang Regency. The selection of the location was based on the

suitability of the research target, namely grade 5 and 6 students, to analyse volleyball achievement interests. The sampling technique used was non-probability sampling or non-random sampling, which was not random, with the type of purposive sampling. This means that sampling is based on certain considerations or criteria that have been formulated in advance by the researcher. (Ani et al., 2021) To determine the number of samples, statistical calculations can be carried out using the Slovin Formula.

In this study, the author used a questionnaire containing statements to assess students' interest in volleyball by considering intrinsic or internal factors (interest, attention, and needs) as well as extrinsic or external factors (the role of teachers, tools/facilities, family, and environment).

RESULTS AND DISCUSSION

Result

This study was conducted on 100 students of grades V and VI at the Elementary School in Cimanggung District. The instrument in the form of a questionnaire was given to measure students' interest in volleyball. The data obtained were quantitative and analysed using descriptive percentage statistics.

Descriptive Statistics

Table 1.
Descriptive Statistics

		N	Min	Max	Sum	Mean	Std. Dev
Interest	Intrinsic	100	60	87	7466	74.66	6,064
	Extrinsic	100	55	80	6920	69.20	5,673
		100	123	165	14386	14.86	9,804

Based on Table 1 above, it can be seen that all samples totalling 100 people who participated have filled out the student interest questionnaire in volleyball with intrinsic and extrinsic indicators. The lowest value on the intrinsic factor was 60, while on the extrinsic it was 55. For the highest value on the intrinsic, it was 87, and the extrinsic was 80. For the average value on the intrinsic factor, it was 74.66, while the average on the extrinsic factor was 69.20. Then for the std. Deviation on the intrinsic factor was 6.064, while the std. Deviation on the extrinsic factor was 5.673. When viewed from the entire contents of the student interest questionnaire in volleyball, which was given with 40 questions to 100 samples, the lowest value was 123, the highest was 165, the average value was 143.86 and for the std. Dev, it was 9.804.

Percentage Data Description

Table 2.
Elementary School Students' Interest in Volleyball in Cimanggung District

Interval	Criteria	Frequency	Percentage	Category
168-200	5	0	0%	Very high
136-167	4	80	80%	Tall
104-135	3	20	20%	Enough
72-103	2	0	0%	Low
40-71	1	0	0%	Very Low
Amount		1000	100%	

Based on Table 4.2 above, it is known that the percentage of very high results is 0%, high 80%, sufficient 20%, low 0%, and very low is 0%. So it can be concluded that the interest of elementary school students in volleyball in Cimanggung District as a whole is in the high category.

Intrinsic Factors

Table 3.

Intrinsic Factors of Students' Interest in Volleyball Sports in Cimanggung District

Interval	Criteria	Frequency	Percentage	Category
84-100	5	4	4%	Very high
68-83	4	79	79%	Tall
52-67	3	17	17%	Enough
36-51	2	0	0%	Low
20-35	1	0	0%	Very Low
Amount		100	100%	

Based on table 4.3 above, it is known that the percentage results are very high 4% with a total of 4 students, for the high category it is 79% with a total of 79 students, the sufficient category is 17% with a total of 17 students, for the low and very low categories there is a percentage of 0% with no students categorized as low and very low in their interest in volleyball. Based on the table above, it can also be explained that elementary school students' interest in volleyball in Cimanggung District the internal factors (intrinsic) with a very high category of 4%, high 79%, medium 17%, low 0%, and very low 0%. This means that interest from within elementary school students towards volleyball in Cimanggung District, overall, is in the High category.

Extrinsic Factors

Table 4.

Extrinsic Factors Student Interest in Volleyball Sports in Cimanggung District

Interval	Criteria	Frequency	Percentage	Category
84-100	5	0	0%	Very high
68-83	4	63	63%	Tall
52-67	3	37	37%	Enough
36-51	2	0	0%	Low
20-35	1	0	0%	Very Low
Amount		100	100%	

Based on table 4.4 above, it is known that the percentage results are very high 0% with no students categorized as very high in extrinsic factors, for the high category it is 63% with a total of 63 students, the sufficient category is 37% with a total of 37 students, for the low and very low categories there is a percentage of 0% with no students categorized as low and very low in external demand for volleyball. Based on the table above, it can also be explained that elementary school students' interest in volleyball in Cimanggung District external factors (extrinsic) with a very high category of 0%, high 63%, medium 37%, low 0%, and very low 0%. This means that interest from outside elementary school students towards volleyball in Cimanggung District, overall, is in the High category.

The results of the study showed that the majority of students have a high interest in volleyball. This shows that volleyball still has a strong appeal among elementary school students, especially in the Cimanggung District.

Factors that influence students' interest are divided into two categories: intrinsic and extrinsic. The results of the intrinsic factor show that as many as 79% of students have high interest and 4% have very high interest. This shows that among the students, there is already an interest and motivation towards volleyball.

Meanwhile, from extrinsic factors, as many as 63% of students have a high interest, and 37% are in the sufficient category. This shows that although the environment, facilities, and external support play a role, they are not optimal compared to factors from within the students.

This finding is supported by the theory of Putri et al. (2021), which states that student interest is influenced by two main factors, namely intrinsic and extrinsic. Support from teachers, family, and the school environment plays an important role in shaping students' interest in certain activities.

Thus, efforts to increase students' interest in volleyball need to consider both factors in a balanced manner. Physical education teachers and schools should be more active in creating interesting activities and providing adequate facilities.

CONCLUSION

Based on the results of the research, it can be concluded that the interest of elementary school students in Cimanggung District in volleyball is in the high category. This can be seen from 80% of students who have a high interest overall. Intrinsic factors (such as attention, interests, and personal needs) play a more dominant role than extrinsic factors (such as the role of teachers, family support, and facilities). Most students show a strong internal interest and motivation towards volleyball, although external support is still at a sufficient level.

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