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The Impact of Using the Data Show Device in Learning the Performance of Some of the Basic Skills in Volleyball for Seventh Grade Students

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Abstract:
The introduction contains a brief overview of the importance of modern educational devices and tools for the student and their impact on the increase and mastery of learning, especially the data show device and its positive impact in the field of sports in general and volleyball in particular. Thus increasing the student's perception and refine his talents through the correct performance of the skills of the game. The researchershave studied topics learning, modern educational devices and tools, data show, basic skills in volleyball (serving, receiving, setting, defense of the court) to get the right way to choose the method, which represents the experimental method in the manner of equal groups, the research sample was chosen by the deliberate method of (44) male students representing seventh grade in Ibn Al-Bitar mixed high school for the academic year 2018/2019 in addition to determining the variables and the adoption of tests in addition to the devices and tools used and statistical treatments needed to find the results of the research that was extracted and presented in table was discussed scientific discussion in order to reach a set of conclusions.
Keywords: Basic skills, Data show device, Seventh grade students.

Introduction:

The modern equipment it's kind of the products that modern life requirements, which has effectively proven its ability to help in various areas of life, and in order to keep pace with the modern progress that most other fields are witnessing, it was necessary to introduce these devices in the educational field in general and the sports field in particular. This is in order to shed light on the style and method of learning various sporting events, especially volleyball, which is a completely new game for most middle school students, especially in villages and rural areas of them. Obviously, whenever the new learning is linked to realistic theoretical performance models that explain in a scientifically accurate manner how to perform the correct performance with field operation models, this has a great impact on students and their ability to work on the image integration in their minds at that time, they will only have to perform the repetitions that will gradually work on the player's sense of the ball, The stadium, colleagues and competitors. From the above, it is evident that there are some educational and training problems alike, which have emerged as the role of modern devices such as the data show, which is used in many mathematically developed countries and for all age groups, especially the young ones in light of this, the importance of the research lies in the use of a data show as an educational theoretical method that will work on learning middle school students (first intermediate) ages (13 years) to perform volleyball skills.

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Hypothesis:

• The Data Show has a positive effect on middle school students 'learning to perform some volleyball skills.

• The data show has a positive effect in correcting errors in the performance of some volleyball skills for middle school students.

The research sample consisted of 63 seventh grade (1st intermediate) students, those who have taken the study tests below:

Defining tests for some basic skills in volleyball:

After reviewing a number of sources and references, the most important and frequent skills in volleyball were identified in relation to the level and ages of the study sample which consisted of 63 seventh grade (1st intermediate) students, as the researcher nominated one test for each basic skill chosen in order to demonstrate the sample's efficiency in performing that skill and expressed by that test, as shown in Table (1) p (5).

1- serve to the areas to get points, Fig1, p (6).[1]
2- Dig to the areas to get points, Fig 2, p (6).[2]
3- Pass (reception) to the areas to get points, Fig 3, p (6).[3]
4- Defend the court, Fig 4, p (6).[4]

Statistical means:

The statistical data was processed using the ready-made software system (SPSS), In addition to the amount of learning, which represents the difference between the pre and post arithmetic mean. The development rate, which is equal to the difference between the pre and post arithmetic mean rate, divided by the pre-arithmetic mean rate, multiplied by a hundred.

Result:

Table (2) page (5).

Discussion:

The table (2) clearly shows the clear differences between the pre and post tests in the arithmetic mean and the standard deviation, which clearly indicates the improvement of students in the performance of basic skills in volleyball and for both the control and experimental groups, but with big differences and in favor of the experimental group. The calculated t value is the best evidence of the effect of the positive data display device in expanding students' perceptions and increasing their understanding of how to perform, thus correct performance, in addition to correcting errors performance, which resulted in an improvement in the level, which was demonstrated by the amount of learning and the percentage of development.

Conclusions:

In light of the tests conducted by the researcher on the study sample, the following conclusions were reached:

1- The theoretical aspect has a great impact in enhancing and improving the level of performance in some volleyball skills of the students of the intermediate stage (first intermediate grade).

2- The modern means and devices (data show device) have a great positive effect in motivating students towards practice and increasing their awareness of how skills performance is both.

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3- There are statistically significant differences between the control and experimental group in the performance of some basic skills in volleyball and in favor of the experimental group.

References:

1- Ali SalloumJawad Al-Hakim, (2004), Tests, Measurement and Statistics in the Mathematical Field, Ministry of Higher Education and Scientific Research, Al-Qadisiyah University, 187.
2- Ahmed Abdel Dayem Al-Wazir and Ali Mustafa Taha, (1999), The Trainer's Guide in Volleyball - Tests - Planning - Records, Cairo, Publishing by Dar Al Fikr Al Arabi, 18.
3- Ali SalloumJawad Al-Hakim, (2004), Tests, Measurement and Statistics in the Mathematical Field, Ministry of Higher Education and Scientific Research, Al-Qadisiyah University, 191.
4- Muhammad WalidShehab, (2012), Building a Test Battery to Measure the Accuracy of Technical Skills in Volleyball Gloss, published research, University of Diyala, 32.

Table 1
Tests

#No	Skills	Tests	Measuring
1	Serve	from bottom to the areas to get points	Degree
2	Dig	Serve	Degree
3	Pass (reception)	From top by fingers	Degree
4	Defend the court	Defend the court	Degree

Table 2
Results

#No	Tests	Groups	Pre		Post		t	Indication level	Amount of learning	percentage of development
			Mean	Std	Mean	Std				
1	from bottom to the areas to get points Serve	Experimental	2.81	0.83	7.5	0.52	21.50	meaningful	4.69	%166.9
		Control	2.44	0.73	5.56	0.81	3.85	meaningful	3.12	%127.8
2	From top by fingers	Experimental	1.79	0.64	5.2	0.58	19.17	meaningful	3.41	%190.5
		Control	1.36	0.53	3.7	0.51	8.63	meaningful	2.34	%172.0
3	from bottom to the areas to get points Serve	Experimental	2.11	0.90	6.41	0.62	21.18	meaningful	4.3	%203.7
		Control	2.00	0.82	4.13	0.79	9.73	ىmeaningful	2.13	%106.5
4	From top by fingers	Experimental	1.28	0.93	3.64	0.43	18.26	meaningful	2.36	%184.3
		Control	1.09	0.84	2.97	0.54	7.51	meaningful	1.88	%172.4

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* Under indication level 0.05 & 32 free degree.

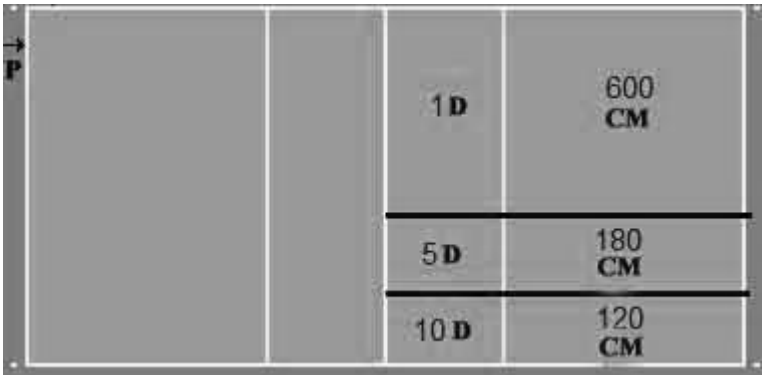

Fig (1)

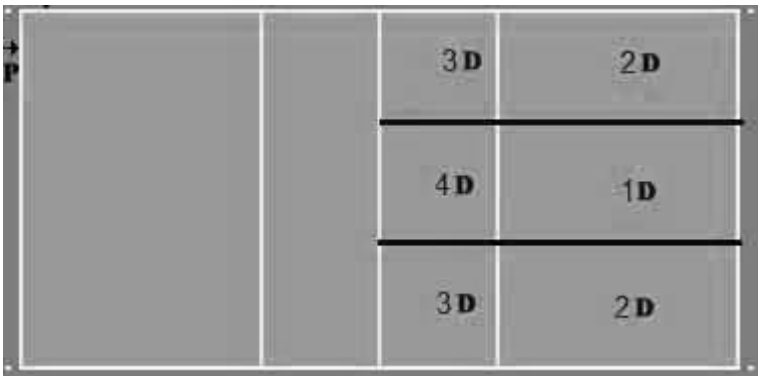

Fig (2)

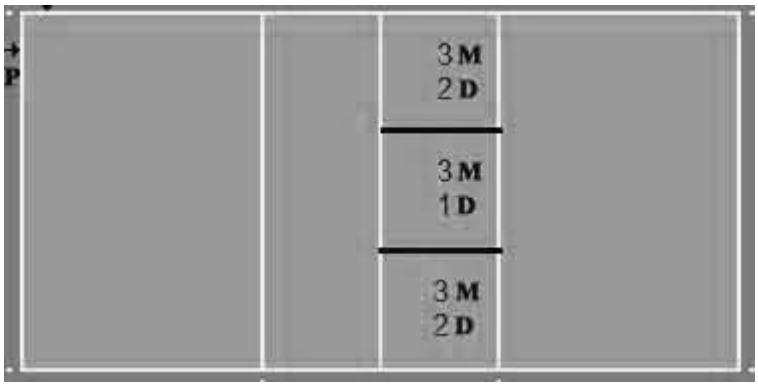

Fig (3)

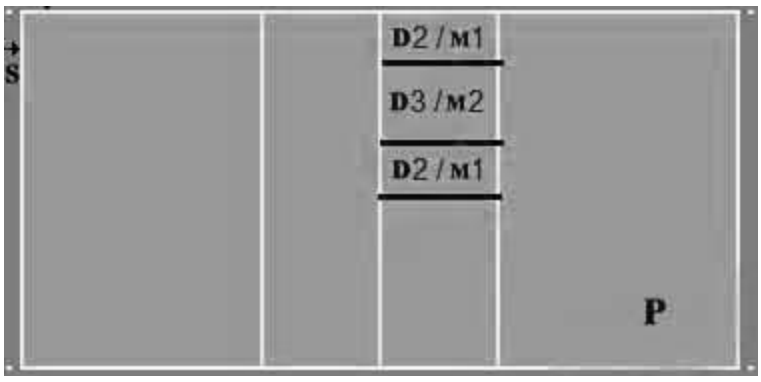

Fig (4)