

Building a comprehensive quality scale for school sports activities from the standpoint of physical education teachers in the directorates of education in the Governorate of Baghdad

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Abstract

The purpose of this paper is to building a comprehensive quality scale for school sports activities from the standpoint of physical education teachers in the directorates of education in the Governorate of Baghdad. The researchers used the descriptive approach with the survey method because it is the most appropriate to the nature of the problem and to achieve the objectives of the research. The good selection of the sample will reduce sampling errors, which enhances the honesty and accuracy of the data, which is representative of the research community and is always linked to its representation of the community and the possibility of generalizing its results to the group from which it was taken, as it represents the research community with physical education teachers and teachers in the Governorate of Baghdad, with (6 directorates of education) (Karkh 1, 2, 3, - Rusafa 1, 2, 3) for the academic year (2020/2021), where the number of the research community reached (2094) teachers and teachers of physical education distributed over (1413) schools (intermediate, middle, high school) (boys, girls, mixed). The research sample, it numbered (300) teachers and teachers of physical education, with a percentage of (14.32%), distributed over six directorates of education in the governorate of Baghdad, and the sample was chosen by the intentional method (random class). One of the most important results reached by the researcher is that: The researchers concluded that the overall quality of school sports activities in the directorates of education in the governorate of Baghdad is weak, and that physical education teacher are not given an opportunity to set the goals of physical education, as well as the lack of necessary supplies to establish school sports activities in accordance with the comprehensive quality standards. One of the most important recommendations recommended by the researchers is that: The researchers recommend relying on the comprehensive quality scale for school sports activities by the department of Physical Education and School Activity, the necessity of the higher administration represented by the department of Physical Education and School Activity committing to the requirements of total quality such as planning, organization, direction and control

Introduction:

The current era is witnessing an expansion of knowledge and rapid scientific development, as competition between countries has become a science competition and a competition to lead the world from a scientific standpoint. The appropriate one that enables them to interact and deal tactfully and intelligently with the requirements and needs of the era in which they live, and that the reason for the superiority of many advanced educational institutions is due to the existence of a developed administration that takes care of the interests and problems of the employees and follows the most recent and prominent methods and methods in this field and the provision of an appropriate organizational climate to work in order to improve the performance of employees in a way that contributes to achieving the general objectives of the institution in which they work.

The concept of total quality is one of the latest concepts that is based on a set of principles and foundations that the educational institution can adopt in order to achieve the best performance. It is necessary to focus on establishing the culture of total quality and considering it the sum of the efforts made by workers in the sports management to raise the level of work outputs in proportion to With scientific progress and the need to deal with the concept of quality as not a slogan raised by educators, but rather a philosophy that must be employed appropriately, and its features are noted on the employees of the institution through their daily behavior and ideas derived from the philosophy of quality. In this field, there are several matters, including its preparation according to comprehensive quality standards and the extent to which the preparation matches the ingredients needed by his profession to be a reason for the school to achieve its goals instead of being an obstacle to achieving

these goals. It plays an important and distinct role in improving the individual's sporting experience and distinction.

Sports activity also contributes to how to achieve the health level, the physical level and the cultural level, and it works to develop the social spirit and good communication and communication with other individuals. and for the whole community, where the exercise of sports activities can be in times of rest and between work times, and during camps and recreational trips, As well as spreading awareness about the dangers of obesity and diseases that cause the elderly, gaining physical fitness and strengthening the body, sports classes help create a spirit of competition among students, develop teamwork, help them get rid of negative energies, and raise practical efficiency schools are given an opportunity to participate in and compete in competitions and develop in the field of sports. From the above, the importance of the research is evident in shedding light on the total quality management of school sports activities in the directorates of the Ministry of Education, as well as when identifying and strengthening strengths and weaknesses and developing them in a scientific and thoughtful manner.

Research problem:

From the reality of the researcher's work as a physical education teacher in one of the schools affiliated with the Ministry of Education, where he noticed the absence of a scale prepared or designed to manage the total quality of school sports activities, which calls for finding the latest administrative systems that guarantee the achievement of total quality in performance to ensure the benefit of physical education programs in The different school stages, which correspond to the new regulations and instructions issued by the Ministry of Education regarding measuring the level of teacher performance, despite the effort made to develop the outcomes of school sports activities, there are many questions about the quality and performance of these outcomes, and on this basis, it was necessary to work on developing solutions To address and reform these outputs by creating new administrative systems. Hence the need to know the degree of application of the requirements of total quality management in the management and organization of school sports activity by building a measure of total quality to allow workers to monitor and diagnose the available requirements and work to complete the unavailable requirements in a sound scientific manner.

Research objective:

- Building a comprehensive quality scale for school sports activities from the standpoint of physical education teachers in the directorates of education in the Governorate of Baghdad.

Research methodology and field procedures:

Research Methodology:

The researchers used the descriptive approach with the survey method because it is the most appropriate to the nature of the problem and to achieve the objectives of the research, "as the descriptive approach is concerned with defining the characteristics of the situation, portraying the current situation and determining the relationships between phenomena" (Muhammad.2004).

Community and sample research:

The good selection of the sample will reduce sampling errors, which enhances the honesty and accuracy of the data, which is representative of the research community and is always linked to its representation of the community and the possibility of generalizing its results to the group from which it was taken, as it represents the research community with physical education teachers and teachers in the Governorate of Baghdad, with (6 directorates of education) (Karkh 1, 2, 3, - Rusafa 1, 2, 3) for the academic year (2020/2021), where the number of the research community reached (2094) teachers and teachers of physical education distributed over (1413) schools (intermediate, middle, high school) (boys, girls, mixed) .

The research sample, it numbered (300) teachers and teachers of physical education, with a percentage of (14.32%), distributed over six directorates of education in the governorate of Baghdad, and the sample was chosen by the intentional method (random class).

The total quality scale that was prepared by the researcher was used by following a set of procedures related to the construction of the total quality scale, including determining the main objectives of the scale. 2- Leadership 3- Human Resource Development 4- Continuous Improvement 5- Planning 6- Organizing 7- Direction 8- Control 9- Organization Culture 10- Participation and Empowerment 11- Preventing Mistakes Before They Happen 12 - Motivating employees, 13- Training workers, 14- Quality assurance and future plans, 15- Information and analysis, 16- Measurement and analysis) was presented in a questionnaire to (11) experts in the field of sports management, testing and measurement and sports psychology, and after collecting opinions Experts affirmed some fields and excluded others, and merged some fields with each other, where (100%) of the experts' opinions were approved and therefore (6) areas were excluded, which are (2, 9, 10, 11, 13, 15) and (4) areas of each

Two domains together, namely (4 with 5) and (6 with 7) so that the number of the main domains of the scale became (8) domains.

After determining the areas of the scale, the paragraphs of the scale were initially formulated. A questionnaire was presented to (17) experts in the field of physical education and sports sciences, as “Eble indicates that the best way to ensure the honesty of the phrases is for a number of experts and specialists to assess their honesty to measure the adjective.” for which it was developed” (Eble, R. 1972), as the appropriate paragraphs were developed for the areas that were identified, and the number of paragraphs was (60) paragraphs, and a statement of the experts’ opinion was requested about the honesty of the paragraphs, amending them, or adding any paragraph they think is appropriate for the researcher’s work. After collecting the opinions of experts, confirming some paragraphs, deleting others, and merging some paragraphs with each other, whereby (75%) of the experts’ opinions were relied upon to accept or reject the paragraph, and thus the scale items were reached that are ready for distribution to the construction sample so that each paragraph (5) alternatives they are (strongly agree, agree, neutral, disagree, strongly disagree), and (10) paragraphs were excluded and (3) paragraphs were added. Each field has its own paragraphs, the paragraphs should be clear Thus, the total number of items on the scale became (53), (48) positive, meaning that the evaluation was (5-1) and (5) negative, meaning that the evaluation was (1-5) distributed over the main areas of the scale There are (8) areas.

Exploratory experiment:

An exploratory experiment was conducted on (25/7/2021) on a group of the research sample, which numbered (30) teachers and schools from (6) directorates of education in the governorate of Baghdad, in order to identify the obstacles that the researcher may face during the conduct of the main experiment, and the quality scale was applied Comprehensive on the construction sample of (300) male and female teachers from the directorates of education in the Governorate of Baghdad, the number of which is six districts (Al-Karkh 1, 2, 3 and Al-Rusafa 1, 2, 3) during the period 28/7/2021 until 25/11/2021 and after collecting the data turned out that all of the answers were complete, and after collecting the forms that were distributed to the teachers of physical education (building sample), the (300) forms were corrected using the five-point correction key for their paragraphs in calculating the total degree (strongly agree, agree, sometimes, disagree, disagree). Strongly agree) and the key to correcting it (5, 4, 3, 2, 1), as the correction of the scale depends on the type of scale used and on the procedures taken for the purposes of correction. Procedure for matching sample answers to a key the answer that the grader designs to measure the score of each player on the test questions (Melhem.2002).

Characteristic strength:

The characteristic strength whose basis is based on the concept of the scale’s ability to distinguish between the two ends of the variable to be measured depends on comparing the scores of the upper group with the scores of the lower group on the scale the scale is honest (Sattar.2014), The researcher relied on the two extreme groups in the total degree, where the raw scores of (300) degrees were arranged in ascending order from the highest degree to the lowest degree, and relied on (25%) of the building sample in each of the two extreme groups, and the researcher used the T-test to find out the significance of the difference in the scores of each item between the two extreme groups, and consequently, the number of members of each of the two extreme groups became (75) male and female teachers. After using the t-test for independent samples, it became clear to the researcher, that one paragraph was a non-significant (t) value at the significance level (0.05). In addition, with a degree of freedom (148), so it was excluded, and thus the number of paragraphs on the scale became (52) paragraphs, as shown in Table (1).

Table (1) shows the characteristic strength of each item of the comprehensive quality scale

Paragraph No.	upper group		lower group		T value	Level sig	Type sig
	Arithmetic mean	Standard deviation	Arithmetic mean	Standard deviation			
1	5.0000	0.0000	2.6800	0.5240	38.342	0.000	sig
2	5.0000	0.0000	2.6400	0.5608	36.439	0.000	sig
3	1.0000	0.0000	3.5467	0.7405	-29.780	0.000	sig
4	5.0000	0.0000	3.0800	0.6316	26.326	0.000	sig
5	3.8533	0.8806	1.0667	0.2511	26.354	0.000	sig
6	5.0000	0.0000	2.8933	0.8787	20.761	0.000	sig
7	3.8400	0.8060	1.1200	0.3271	27.078	0.000	sig
8	5.0000	0.0000	3.2267	0.8149	18.845	0.000	sig

9	3.5867	0.7900	1.0000	0.0000	28.355	0.000	sig
10	5.0000	0.0000	3.1600	0.7891	20.193	0.000	sig
11	5.0000	0.0000	3.3867	0.5426	25.750	0.000	sig
12	5.0000	0.0000	3.1200	0.5442	29.915	0.000	sig
13	5.0000	0.0000	3.1867	0.5376	29.211	0.000	sig
14	5.0000	0.0000	3.6933	0.4924	22.978	0.000	sig
15	5.0000	0.0000	3.1600	0.5209	30.590	0.000	sig
16	3.2000	0.5927	1.0000	0.0000	32.143	0.000	sig
17	3.0800	0.7490	1.0000	0.0000	24.048	0.000	sig
18	5.0000	0.0000	3.4267	0.6403	21.277	0.000	sig
19	5.0000	0.0000	3.0267	0.8378	20.397	0.000	sig
20	3.6933	0.8215	1.0933	0.2928	25.816	0.000	sig
21	4.4000	0.4932	1.4000	0.4932	37.249	1.000	Non sig
22	5.0000	0.0000	2.8533	0.6083	30.559	0.000	sig
23	5.0000	0.0000	3.4267	0.5735	23.755	0.000	sig
24	2.6133	0.8365	5.0000	0.0000	-24.708	0.000	sig
25	5.0000	0.0000	3.4667	0.6224	21.335	0.000	sig
26	5.0000	0.0000	2.2533	0.7550	31.504	0.000	sig
27	5.0000	0.0000	3.5467	0.6636	18.967	0.000	sig
28	3.3600	0.6706	5.0000	0.0000	-21.179	0.000	sig
29	5.0000	0.0000	3.6400	0.4832	24.373	0.000	sig
30	5.0000	0.0000	3.4267	0.8248	16.519	0.000	sig
31	5.0000	0.0000	3.4133	0.8235	16.685	0.000	sig
32	1.0000	0.0000	2.5867	0.8235	-16.685	0.000	sig
33	5.0000	0.0000	3.7600	0.4299	24.976	0.000	sig
34	5.0000	0.0000	3.6133	0.6344	18.928	0.000	sig
35	5.0000	0.0000	3.5600	0.4997	24.955	0.000	sig
36	5.0000	0.0000	1.4000	0.4932	63.214	0.000	sig
37	1.0000	0.0000	2.5067	0.6652	-19.615	0.000	sig
38	5.0000	0.0000	3.5400	0.5362	21.963	0.000	sig
39	5.0000	0.0000	3.4000	0.4932	28.095	0.000	sig
40	5.0000	0.0000	3.6667	0.4745	24.331	0.000	sig
41	5.0000	0.0000	3.6000	0.4932	24.583	0.000	sig
42	3.5733	0.7198	1.0000	0.0000	30.958	0.000	sig
43	3.4533	0.8429	1.0000	0.0000	25.204	0.000	sig
44	3.4267	0.6611	1.0000	0.0000	31.786	0.000	sig
45	5.0000	0.0000	3.7733	0.4214	25.204	0.000	sig
46	5.0000	0.0000	3.4800	0.5541	23.757	0.000	sig
47	5.0000	0.0000	3.4000	0.5694	24.331	0.000	sig
48	5.0000	0.0000	3.5067	0.5544	23.326	0.000	sig
49	5.0000	0.0000	3.4533	0.5994	22.347	0.000	sig
50	5.0000	0.0000	3.2133	0.6429	24.067	0.000	sig
51	5.0000	0.0000	3.2400	0.5412	28.160	0.000	sig
52	2.9867	0.8136	1.0000	0.0000	21.146	0.000	sig
53	3.2400	0.7856	1.0000	0.0000	24.691	0.000	sig

With a significance level of (0.05) and below a degree of freedom (148)

From Table (1), we note that the value of (T) calculated between the higher and lower scores is significant for all paragraphs except for paragraph (21), the value of (t) is not significant at the significance level (0.05), so it was excluded from the scale, and thus the number of paragraphs became (52).

The scientific basis of the scale

First: honesty

The honesty of the internal consistency of the study tool and the extent of the correlation of the paragraphs with each other and to ensure that there is no overlap between them, was used to determine the homogeneity of the paragraphs in their measurement of the phenomenon or the behavioral dimension and the ability to highlight the interdependence between the paragraphs of the scale (Saeed and Hani.2016). Finding the correlation coefficient between each paragraph and the total score of the scale as shown in Table (2).

Table (2) shows the correlation coefficient between the paragraph's score and the total score of the comprehensive quality scale

Paragraph .No	Total degree	Level sig	Type sig	Paragraph .No	Total degree	Level sig	Type sig
1	0.873	0.000	sig	27	0.774-	0.000	sig
2	0.929	0.000	sig	28	0.836	0.000	sig
3	0.967-	0.000	sig	29	0.836	0.000	sig
4	0.872	0.000	sig	30	0.840	0.000	sig
5	0.819	0.000	sig	31	0.839-	0.000	sig
6	0.871	0.000	sig	32	0.822	0.000	sig
7	0.824	0.000	sig	33	0.840	0.000	sig
8	0.850	0.000	sig	34	0.834	0.000	sig
9	0.829	0.000	sig	35	0.918	0.000	sig
10	0.857	0.000	sig	36	0.670-	0.000	sig
11	0.855	0.000	sig	37	0.844	0.000	sig
12	0.875	0.000	sig	38	0.834	0.000	sig
13	0.845	0.000	sig	39	0.838	0.000	sig
14	0.844	0.000	sig	40	0.845	0.000	sig
15	0.877	0.000	sig	41	0.850	0.000	sig
16	0.850	0.000	sig	42	0.817	0.000	sig
17	0.827	0.000	sig	43	0.862	0.000	sig
18	0.850	0.000	sig	44	0.817	0.000	sig
19	0.886	0.000	sig	45	0.840	0.000	sig
20	0.821	0.000	sig	46	0.850	0.000	sig
21	0.912	0.000	sig	47	0.841	0.000	sig
22	0.866	0.000	sig	48	0.845	0.000	sig
23	0.804-	0.000	sig	49	0.860	0.000	sig
24	0.860	0.000	sig	50	0.856	0.000	sig
25	0.848	0.000	sig	51	0.806	0.000	sig
26	0.839	0.000	sig	52	0.831	0.000	sig

At the significance level (0.05) and below the degree of freedom (298)

From Table (2) we note that the correlation between the degree of each paragraph and the total degree of the scale is significant for all paragraphs at the level of significance (0.05), so the total number of paragraphs is (52) paragraphs.

Second: stability:

Stability is one of the necessary scientific foundations for the scale or test, as it “refers to the extent of accuracy, mastery, or consistency with which the test measures the phenomenon for which it was developed” (Radwan.2006). The researcher used the Alpha Cronbach method to measure the stability of the measuring tool In terms of the internal consistency of the tool's statements, that is, this method depends on the extent of the internal homogeneity of the scores of the scale used, which indicates the strength of the correlations between the paragraphs with each other within the scale, as well as the correlation of each paragraph with the scale as a whole (Al-Qaisi.2018), and the Facronbach coefficient of the comprehensive quality scale was extracted on The main construction sample numbered (300) male and female teachers, where the reliability coefficient reached (0.982), and thus the scale can be relied upon as it has a high degree of stability.

Third: objectivity:

It means the non-interference of the subjective aspect of the evaluator, whether in the assessment or interpretation of the degree, and in order to achieve objectivity, the procedures should be the same in terms of instructions and the method of answering time, and the method of correction should be one and that everyone understands it in one sense (Allam and Suleiman.2012), so objectivity is achieved and that is practically consistent Correct the scale according to the five alternatives where the arbitrators do not have to intervene in the correction process.

Factor analysis before rotation:

In order for the researcher to obtain the simple factor analysis, he followed the method of the basic components of Hotelling, which is characterized by the maximum benefit of the variance for each test (Majeed and Suleiman.1992). Its latent root is from the correct one) (Karim.2003), and the results of the factor analysis (the initial solution) showed that the specific values that exceed the correct one are only (3) values, so three factors were extracted that control the paragraphs of the comprehensive quality scale candidate for analysis, which They are called direct factors, meaning that we cannot explain to them unless they are rotated, which explains their percentage (93.170%) as in Table (3).

Factor analysis after rotation:

The orthogonal rotation method (Varimax) was used as in Table (3), which means "eliminating negative saturations as much as possible and increasing the number of values close to zero" (Al-Khikani.2002), as saturation of (0.5) or more was used as a minimum To accept paragraphs and accept factors in which three or more paragraphs are saturated and whose saturation was (0.5) or more.

Table (3) shows the global matrix for the items of the total quality scale before and after the rotation

Paragraphs	Factors extracted before rotation			Factors extracted after rotation			Explained variance
	First	Second	Third	First	Second	Third	
1	0.933	0.108-	0.022	0.646	0.627	0.268	0.883
2	0.954	0.069	0.023-	0.777	0.503	0.241	0.915
3	0.931-	0.038	0.058-	0.676-	0.566-	0.306-	0.871
4	0.950	0.115	0.204	0.744	0.437	0.460	0.957
5	0.863	0.421-	0.064	0.397	0.834	0.272	0.926
6	0.940	0.207	0.104	0.817	0.369	0.367	0.937
7	0.881	0.381-	0.090	0.427	0.809	0.304	0.929
8	0.938	0.260	0.058-	0.887	0.343	0.214	0.950
9	0.836	0.509-	0.094-	0.363	0.907	0.107	0.966
10	0.944	0.208	0.136	0.812	0.367	0.399	0.953
11	0.949	0.199	0.185	0.480	0.435	0.443	0.950
12	0.945	0.051	0.239	0.694	0.481	0.489	0.952
13	0.934	0.145	0.012-	0.804	0.429	0.250	0.893
14	0.927	0.223	0.230-	0.900	0.387	0.044	0.961
15	0.937	0.011	0.261	0.659	0.506	0.506	0.946
16	0.853	0.452-	0.002-	0.386	0.465	0.204	0.932
17	0.829	0.490-	0.053-	0.359	0.883	0.146	0.930
18	0.945	0.182	0.140	0.797	0.388	0.402	0.946
19	0.923	0.091	0.233	0.703	0.437	0.479	0.914
20	0.842	0.464-	0.047	0.359	0.858	0.248	0.927
22	0.940	0.026	0.193	0.687	0.504	0.443	0.922
23	0.935	0.070	0.224	0.701	0.462	0.472	0.928
24	0.825-	0.503	0.010	0.337-	0.886-	0.186-	0.933
25	0.933	0.121	0.178	0.742	0.425	0.431	0.917
26	0.949	0.105	0.126	0.758	0.454	0.384	0.928
27	0.931	0.269	0.160-	0.913	0.345	0.114	0.965
28	0.816-	0.414	0.188	0.428-	0.830-	0.018-	0.873
29	0.939	0.216	0.198-	0.897	0.396	0.077	0.967
30	0.925	0.291	0.078-	0.900	0.314	0.193	0.945
31	0.925	0.296	0.121-	0.915	0.315	0.152	0.959
32	0.923-	0.297-	0.134	0.917-	0.314-	0.138-	0.959

33	0.923	0.205	0.237-	0.888	0.400	0.034	0.949
34	0.920	0.258	0.196-	0.907	0.351	0.076	0.951
35	0.945	0.200	0.105-	0.869	0.401	0.167	0.944
36	0.939	0.103-	0.039-	0.668	0.634	0.211	0.893
37	0.646-	0.447	0.013-	0.228-	0.734-	0.163-	0.618
38	0.926	0.231	0.211-	0.899	0.378	0.061	0.955
39	0.946	0.154	0.011-	0.818	0.428	0.255	0.918
40	0.937	0.214	0.198-	0.894	0.397	0.076	0.963
41	0.939	0.140	0.073	0.412	0.426	0.333	0.906
42	0.849	0.489-	0.025-	0.368	0.891	0.179	0.961
43	0.828	0.515-	0.107-	0.357	0.909	0.093	0.963
44	0.853	0.482-	0.040-	0.379	0.889	0.166	0.962
45	0.922	0.200	0.218-	0.880	0.402	0.052	0.938
46	0.946	0.219	0.106-	0.881	0.387	0.167	0.953
47	0.952	0.162	0.129	0.429	0.409	0.391	0.949
48	0.945	0.225	0.124-	0.888	0.383	0.150	0.959
49	0.947	0.200	0.032	0.836	0.386	0.299	0.937
50	0.950	0.147	0.184	0.769	0.414	0.443	0.959
51	0.951	0.118	0.166	0.757	0.440	0.424	0.947
52	0.816	0.498-	0.127-	0.363	0.448	0.072	0.931
53	0.831	0.505-	0.096-	0.362	0.461	0.105	0.956
Kind value	43.023	4.372	1.054	26.854	17.437	4.157	48.449
Relative importance	82.736	8.408	2.026	51.642	33.533	7.995	
Cumulative percentage	82.736	91.144	93.170	51.642	85.175	93.170	

From the above, three factors were extracted, whereas (only two factors) were accepted. After the rotation, more than three paragraphs were saturated with us, and their saturations were (0.5) and above. The third factor was neglected because it contains only one paragraph, where “the fewer factors, the better for the validity of the tests (Allawi and Radwan.2000).

Results and discussion:

Interpretation of factors

Interpretation of the first factor after orthogonal rotation:

It is evident from Table (3) that the number of major saturations in this factor after performing the orthogonal rotation process has reached (36) items, which represents (67.92%) of the total number of items of the total quality scale, as all items Positive, and it can be noted from the table that the highest percentage of saturation was (0.915) for paragraph (31) of the fifth field, while the lowest percentage of saturation was (0.646) for paragraph (1) of the first field, and by examining the paragraphs constituting the first factor, we find that they contain (6) paragraphs from the field of guidance and control, (5) paragraphs from the field of continuous improvement, (5) paragraphs from the field of employee motivation, (4) paragraphs from the field of measurement and analysis, (4) paragraphs from the field of human resources development, and (4) paragraphs from the field of human resources development. The commitment of the senior management to quality and (3) paragraphs from the field of planning and organization and (two) paragraphs from the field of quality assurance and future plans. Thus, the number of paragraphs nominated for the final scale became (33) paragraphs for the first factor. From the above, we note that the best saturation over the first factor was for the components (guidance and control, continuous improvement, motivating employees) two researchers named it a factor (guiding, improving and motivating workers).

The researchers see the importance of the elements of control and direction, as they help to guide employees towards the duties entrusted to each individual within the organization and help encourage employees to perform efficiently and effectively and thus measuring and controlling the work within the specified and approved standards within the institution. The process of continuous improvement helps to adapt to all the changes that occur in the workflow within any institution, especially since sports activities need continuous improvement in sports equipment and tools, as well as the development of infrastructure on an ongoing basis to establish school sports activities to the fullest and all this is done through continuous encouragement Praising the performance of employees

and making the employee feel valued and safe. Motivation creates a sense of positivity and a desire to contribute to creating a comfortable and appropriate work environment.

Interpretation of the second factor after orthogonal rotation:

Table (3) shows that the number of major saturations in this factor after performing the orthogonal rotation process has reached (16) paragraphs, which represents (30.18%) of the total number of paragraphs on the total quality scale, as all paragraphs are positive, and it is noted from the table that the highest The percentage of saturation was (0.909) for paragraph (43) of the seventh field, while the lowest percentage of saturation was (0.503) for paragraph (2) of the first field, and by examining the paragraphs consisting of the second factor, we find that it contains (3) paragraphs from the field of quality assurance. And future plans and (one paragraph) from the field of senior management’s commitment to quality after excluding the repeated paragraphs in the first factor and (one paragraph) from the field of continuous improvement after excluding the repeated paragraphs in the first factor and (two paragraphs) from the field of human resources development and (one paragraph) Paragraphs from the field of planning and organization after excluding the duplicate clauses in the first factor. Thus, the number of paragraphs nominated for the final scale became (8) paragraphs for the second factor, from the above. We note that the best saturation over the second factor was for the component (quality assurance and future plans), so the researchers decided to call it the (quality assurance) factor. The researchers believe that it is necessary to develop alternative plans that help to face the various challenges that may hinder the work of any institution in the future and thus achieve the goals set, which leads to creating a positive environment that helps to perform all duties in an optimal manner, and this is done through preparing periodic reports in which it is clarified verify goals and what has not been achieved and clarify the reasons that led to the failure to achieve some goals and apply alternative plans and consequently, the establishment of school sports activities in the best way and as planned previously, despite the occurrence of some obstacles, due to the existence of alternative plans that can be applied.

Interpretation of the third factor after orthogonal rotation:

Table (3) shows that the number of major saturations in this factor has reached (one paragraph), which represents (1.88%) of the total number of paragraphs of the total quality scale, and given that the major saturations on this factor did not meet the basic conditions for accepting the factor, it is accepted The factor in which at least three significant variables are saturated, according to the Guilford test (+0.3). Therefore, the researcher sees neglecting this factor and does not represent it within the final paragraphs of the total quality scale, and consequently, the number of paragraphs representing the total quality scale in its final form after conducting the factor analysis became (41) paragraphs distributed over (8) areas as in Table (4).

Table (4) shows the number of areas and paragraphs of the total quality scale

No.	Fields	Number of paragraphs
1	Senior management commitment to quality	5
2	Human resource development	5
3	Continuous improvement	6
4	Planning and Organizing	5
5	Guidance and control	6
6	motivate employees	5
7	Quality Assurance and Future Plans	5
8	Measurement and analysis	4
Totals		41

Conclusions and Recommendations:

Conclusions:

The researchers concluded that the overall quality of school sports activities in the directorates of education in the governorate of Baghdad is weak, and that physical education teacher are not given an opportunity to set the goals of physical education, as well as the lack of necessary supplies to establish school sports activities in accordance with the comprehensive quality standards.

Recommendations:

The researchers recommend relying on the comprehensive quality scale for school sports activities by the department of Physical Education and School Activity, the necessity of the higher administration represented by the department of Physical Education and School Activity committing to

the requirements of total quality such as planning, organization, direction and control, holding workshops on an ongoing basis to clarify the importance of total quality in organizing school sports activities Relying on social media to deliver the necessary information for the establishment of sports activities with ease. Work to establish an information system in the Department of Physical Education and School Activity to manage total quality and develop school sports activities on an ongoing basis.

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