

The effect of comparative competition style on the performance of the skills of handling and handball for students aged (13-14) years in Baghdad governorate

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Abstract

Given that the school is the educational body that deals with the fields of education for male and female students in the community, the physical education lesson has become the circle that complements the school curriculum, which provides students with experiences to practice sports activities and that works to improve their motor performance in addition to their basic skills in handball during the exercises that take place and since the game of handball is an enjoyable team game for both practitioners and spectators, it is used widely and widely because it contains many skills, including handling and wetting skills, which are important skills in handball, and the importance of research is that it is an attempt by Researcher to present the method of comparative competition in teaching handling skills and handball to female students of (13-14) years, respectively. To reach the final results that serve physical education teachers in the field of teaching handling and handball skills in the SP school. The research objectives are:

1. Development of the vocabulary of an educational program using the comparative competition method to teach handling and handball skills for students between (13-14) years old in Baghdad governorate.
2. Identify the effect of the comparative competition method on teaching handball skills to female students (13-14) years old in Baghdad governorate.
3. Identify the effect of the comparative competition method in teaching the skill of female students with handball to students (13-14) years old in Baghdad governorate.

Keywords: Comparative, Education, Female Students, Enjoyable, Competition

Introduction

As for the research hypotheses, they are

1. There are statistically significant differences in the method of comparative competition in learning the skill of handball in the pre and post test, in favor of the post test for students (13-14) years old in Baghdad governorate.
2. There are statistically significant differences in the method of comparative competition in learning the skill of handball in the pre and post test, in favor of the post test for students (Baghdad 13-14) years old in the governorate.

The researcher used the experimental method on a sample of (20) students from, and after applying the proposed curriculum tests, and after processing the data and discussion, the following conclusions were reached:

1. The emergence of statistically significant differences between the results of the pre and post tests in the compatibility test and the speed of success in 30 seconds, which measure the handball skill of students from the age of (13-14) years in Baghdad governorate and in favor of the post test.
2. The emergence of statistically significant differences between the results of the pre and post test in the continuous rolling test in a zigzag direction for a distance of (30 meters), which measures the skill of dealing with handball for students aged (13-14). A year in Baghdad governorate and in favor of the post test.

As for the recommendations, they are:

1. Using the comparative competition method in teaching basic handball skills that were not included in the current study for female students (13-14) years old.

2. Conducting a study similar to the same proposed educational method to teach all basic skills for the rest of the individual and group games that are practiced in the physical education lesson.
3. Conducting similar studies to develop physical capabilities and functional variables that were not studied in the study and for both sexes.
4. Teacher counter by holding training courses to clarify the importance of using competition in the comparative method for teaching basic skills for events and games that are proven in the handbook prepared by the Ministry of Education to study physical education in secondary schools.

Definition of the research

Introduction and Importance of Research

The educational process depends on the method of transferring information from the teacher to the learner, and this means that the better the correct learning process, the faster, we notice that the means and methods of transmitting information have multiplied and witnessed great progress as a result of developing modern concepts in the educational process, and that the most important characteristic of kinesthetic learning is the use of Several types of educational methods that have an effective and direct impact on the learning process and then reach the learner to achieve the best skill of performance according to methods that depend on communication between the teacher and the learner that lead to mastery of the motor duty to be learned, and among these methods is the method of comparative competition, as the competition Scientific is an important and necessary motivation in where modern methods work to help researchers and those in charge of the ss education process in the field of physical education in general and handball in particular to change and override the old methods and methods used in order to facilitate learning and master skills. There is no basic handball, given that the school is the educational body that deals with the fields of education of male and female students in the community. Yeh Sports is a complementary course to the curriculum of education and the school, which provides students with the experience to practice sports activities that improve motor performance, in addition to their acquisition of basic skills, with a hand ball through the exercise they are practicing, because the handball game is an enjoyable group game for practitioners and viewers. Together they are widely and widely used for their many skills, including handling and ducking skills, which are important skills in handball. The importance of the research lies in the fact that it is an attempt by the researcher to present the method of comparative competition in teaching handling and patting skills with handball for female students (13-14) years to reach the final results. Which serves physical education teachers in the field of teaching handling skills and hitting handball in schools.

Research Problem

The use of new types and modern educational methods lead to improving the skill of handball, as the game consists of basic skills. Once the student mastered this, she would be able to reach the level of good performance, which is the goal of every teacher and school. The researcher noticed that the level of female students who have handball skills is less than the level of ambition and performance. A clear weakness as a result of using the traditional method used in the physical education lesson, which does not allow enough time for students to learn basic handball skills according to the researcher's experience as an educational lesson for physical education in a school in the Al-Karkh Education Directorate prompted them to use and apply the new curriculum using the comparative competition method in teaching handling and handball skills to students Those between the ages of (13-14) years, the fact that the problem that has always aroused its interest and that the researcher's knowledge has not been addressed in an attempt to find a solution to it through the final results of this research as one of the steps in developing handball d Handball skills for students (13-14)) Sunnis in Baghdad governorate.

Head of P Search

1. Development of the vocabulary of an educational program using the comparative competition method to teach handling and handball skills for students between (13-14) years old in Baghdad governorate.
2. Identify the effect of the comparative competition method on teaching handball skills to female students (13-14) years old in Baghdad governorate.
3. Identify the effect of the comparative competition method in teaching the skill of female students with handball to students (13-14) years old in Baghdad governorate.

The search Z fled

1. There are statistically significant differences in the method of comparative competition in learning the skill of handball in the pre and post test, and in favor of the post test for students (13-14) years old in Baghdad governorate.

2. There are statistically significant differences in the method of comparative competition in learning the skill of handball in the pre and post test, in favor of the post test for students (Baghdad 13-14) years in the governorate.

Fields of Research

The human field: The student in the second intermediate grade in the Al Lababa Scientific High School for Girls for ages (13-14) years for Baghdad Governorate / Al-Karkh II.

The spatial domain: the handball court at the Lababa Scientific High School for Girls.

Field time: 12/10/2018 until 2/10/2019 9 PM.

Research methodology and field procedures

Research Methodology

The nature of the problem to be studied is determined by the nature of the approach. Therefore, the researcher used T from the experimental approach to suitability of objectives and hypotheses.

The research sample

The research community i does not qualify for the second intermediate grade in Bababah Al-Alim High School for girls affiliated with the directors of public education in the second Karkh of Baghdad governorate for the academic year 201 8 - 201 9 AD, and a sample of (20) female students represented members of female students (B) and (6) Female students from the exploratory experience, noting that inappropriate and failed students were excluded from work.

Data collection methods, devices and tools

I have used the researcher T of ba not equipped and the following only tools: (Arab and foreign references, international information network (internet), tests and measurements, identification of the individual to record the results of the tests for each of the skills of the hand roller handling and Tabth, training on the stands, Hoa_khas plastic balls, class Junior Ladies Legal Hand No. (10), No.cr a C (8), Whistle No. (2), Casio type hand calculator, auxiliary team, ready - counting IBM SPSS software).

Determining research tests

The researcher selected the following tests, which were mentioned in the scientific sources:

1. Test compatibility and scroll speed in 30 seconds (3: 2001: 492).
2. Continuous ripple test in winding direction for a distance of (30 m) (2001: 3: 503).

From the exploratory experience

The researcher conducted an exploratory study on (6) students of (13-14) years old from the second intermediate grade at Lababa Scientific High School for Girls and outside the limits of the work sample on 12/5/2018, and applied one educational one. The unit that included two handling tests and a handball student at 8:30 in the morning at the school's handball court, the aim of the experiment:

- Identify the difficulties that the researcher may face when applying the educational curriculum vocabulary.
- Knowing the time required for each test.
- Knowing the validity of the devices and tools used in the research.
- Ensure the validity of the educational curriculum items for implementation.
- Ensure suitability of application site and carry out tests.
- Know how to understand the team assistant's business process tests.

Through conducting the pilot experiment, the researcher confirmed the validity of the tests used to measure maneuvering skills and handball, in addition to knowing the extent of students' ability to understand and comprehend the educational unit.

Pre-test data

The researcher conducted pre-skills tests for tests that measure the handling and hand clapping skills of intermediate second grade students at Lababa Scientific High School for girls from the age of (13-14) years, and they were (20) students on 12

October 2018, the results of the two tests were recorded individually for each student from Physical education school in the school and under the supervision of the researcher.

President's experience

The researcher developed an educational program for handling and handball skills for students aged (13-14) years according to the comparative competition method suggested by the researcher. A model for one educational unit of this program was presented to specialists in the fields of learning and handball for the purpose of giving opinions and reviews about the program and after taking it In consideration of their project the validity of the program for implementation was recognized. It also began with the educational curriculum from 12/11/2018 to 02/11/2019 noting that the lesson contains a basin (8) weeks with Talimitan A units per week. The educational unit takes one (30) minutes, and 16 educational units have been applied at a time of (480) Accurate, given that the educational unit duration is distributed in the weekly educational curricula according to a schedule approved in the school (two only). Unit models study each education. The national unity includes a plan describing the work to be done, the families and their distribution in the stages of its sequence with the least effort and time possible.

The researcher also divided one educational unit as follows:

1. The preparatory section: its duration is (10) minutes, which will be in the manner of comparative competition, knowing that the full responsibility here lies on the subject in terms of preparing the body and preparing it to reach students. For the best condition that enables them to implement the curriculum vocabulary.
2. The main section: its duration is (30) minutes and is divided into two parts (the first) is educational, and its duration is (10) minutes. As for the second one, the Physical Education School uses the comparative competition method and its duration (20), in which students apply the skills of handling and pampering and their performance in an appropriate manner. Individually and as a group, here is a school mathematical education that is controlled by the dates, frequencies and times that intersect all the students' exercises.
3. The final section: Its duration is (5) minutes and includes an entertaining game, competition, or exercises for calm and relaxation.

Dimensional tests

Dimensional tests were conducted after completing the educational program on 11/2/2019, and the researcher followed the same method that she used in the preliminary tests in the same spatial and temporal conditions and conditions, and in cooperation with the assisting work team.

Statistical laws

The ready-made software system (IBM SPSS Statistics Ver25) was used to extract the following: (arithmetic mean, standard deviation, and test) T. test for non-independent bound samples, Kolmogorov-Smirnov test, TestShapiro-Wilk).

Presentation, analysis and discussion of results

Presentation and discussion of test results (T. test) to deal with my skills and hand clapping in the pre and post tests Before starting the statistical treatments, the researcher made the (normal) test as shown in Table No. (1) noting that all values of the significance level (Sig) for the tests of handling and handball in the J test) Kolmogorov - Smirnov and Shapiro-WilkIt is greater than the approved significance level of (0.05), indicating that the data follow a normal distribution, which is evidence of the researcher's eligibility to use variable tests.

Table (1) the values of the handling test data and the hand-held clap reel in (Kolmogorov-Smirnov) and (Shapiro-Wilk) tests

Shapiro-Wilk			Kolmogorov-Smirnov			Skill tests	No.
Sig	Df	Statistic	Sig	Df	Statistic		
168 .0	20	764 .0	334 .0	20	361 .0	Test compatibility and scroll speed in 30 seconds	1
092 .0	20	719 .0	267 .0	20	480 .0	Continuous chucking test in a winding direction for a distance 30(m)	2

In light of the fact that the sample tracking distribution is, the natural researcher T used the test (T test (for non-independent correlated samples to find out the significant differences between the pre and post tests in the skill tests)) compatibility test and the success speed in 30 seconds, and the continuous throw test in a zigzag direction for a distance 30 meters)) to measure the handling and handball skills of students from the age of (13-14) years as shown in Table (2) and forms (1, 2), it is clear from the table that it tests the advertisement for the device significantly in favor of the post test due to the fact that all values P-Value Calculated, denoted by symbol (SIG is smaller than the significant level of the approved amount 0.05. (2: 2020: 109)

Table (2): The arithmetic averages, standard deviations, and the value (t) calculated for the previous and post tests in the handling and patting tests on handball

indication	Sig	(v) Value	A H ² P	Mug	Post test		The pretest		Skill tests	No.
					P	s	P	s		
moral	0.000	10.574	0.515	5.450	2.221	16,750	1.260	11.300	Test compatibility and scroll speed in 30 seconds	1
moral	0.000	17.120	0.195	3.350	0.732	11.700	0.604	15.050	Continuous chucking test in a winding direction for a distance 30) m(2

Discuss the results

Table (2) and models (1 and 2) showed an improvement in the performance of the skills of handling and clapping with handball for students from the age of (13-14) years in favor of the post-test, and this was achieved soon after the research. The researcher attributes the existence of statistically significant differences in favor of the post-test to the competitive comparison method, which is the educational curriculum proposed by the researcher, which helped increase the suspense and excitement through the competition contained within the curriculum, resulting in this in line with what he indicated (Ahmed Abdel Khaleq 1999). A performance of NH a Stmrar for longer periods using the method of sports competitions helps to raise the physical and skill level of the game of handball "(1999: 60), and also corresponds to what was said (Ali Al-Dairi and Ahmad Al-Batayneh: 1987)" Among the advantages of this method is that the student can first take Some of the lesson decisions, which are specifically related to implementation, give the student a good opportunity to exchange information with the teacher personally about the skill he is applying "(1987: 5: 71). The researcher also believes that learning by the method of comparative competition, which includes group and team performance and similar to the way of playing, has brought pleasure and pleasure to students from the age of (13-14) years, which creates the desire and motivation for that. Increasing learning in this way, so that the researcher's conclusion is consistent with his mention (Abd al-Ati Muhammad Ahmad 1996) "Learning by playing is the basis of suspense and through maturity of that return it will be dynamic and skillful. A" (1996: 6: 34). The researcher believes that the effectiveness of the new method used in this research has prompted students to apply the paragraphs of the lesson and apply free skills in rhythmic gymnastics in a good way, as they practiced a new method that was not familiar to them, and this is consistent with what they indicated (Muhammad Mahmoud: 1999) "when they are implemented Curriculum effectively, the overall student performance improves a lot, and then students can get additional benefit for developing new learning about how to learn skills "(1999: 64: 8). You also see to the researcher that the exercises used in the educational curricula used are graded from easy to difficult, in addition to devices and tools suitable for this age group, and this corresponds to what was said (Abbas al-Samarrai and Abdullah). Karim al-Samarrai 1991) "The use of tools in the physical education lesson is an important factor in the proliferation of aspects of physical activity from the lesson and its assistance in developing the motor sense and sense of timing and raising the efficiency of students' movement performance "(1991: 50-51 7: 1991), and also agrees with what he mentioned (Zafer Hashem: 2002) "One of the natural phenomena of the learning process is that there must be progress in learning as long as the teacher follows the steps of the sound foundations of learning and teaching" (2002: 4: 10 2). And it also agrees with what it indicated (Hana Abdul Karim 2002)) Tahar Muhammad Jamil Abdul Qadir, said with a small use. Matches in training are an important factor for the high level of the technical, physical and psychological player. (9) (2002: 58). It also agrees with what was stated (SchmidT, A. Richard, Craig A. Weisberg: 2000) "The teacher should encourage the learners to perform as many exercise attempts as possible" (2000: 10: 206).

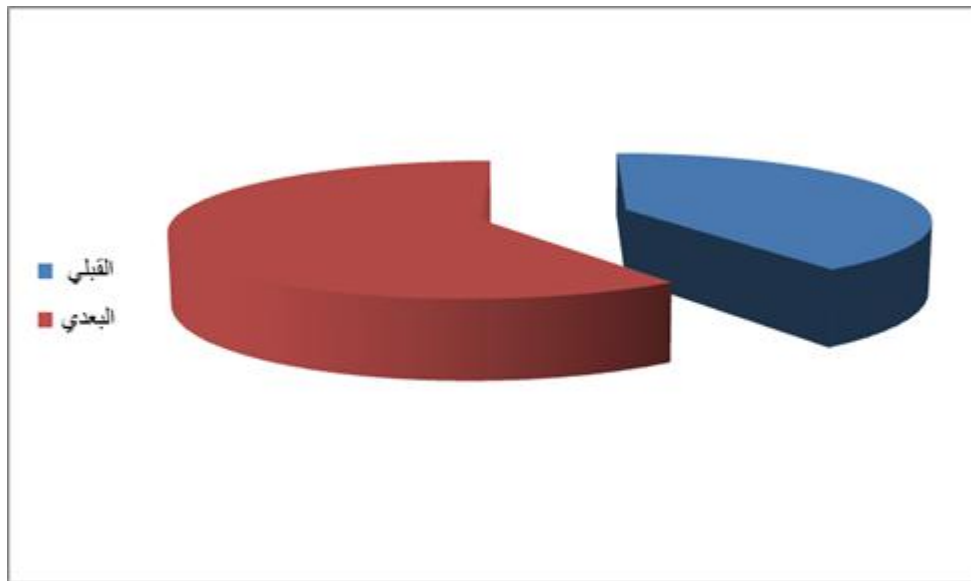


Figure (1) Compatibility and scroll speed in 30 seconds

Figure (2) Continuous cooling in a winding direction for a distance of (30 m)

Conclusions and recommendations

Conclusions

The researcher reached the following conclusions:

1. The emergence of statistically significant differences between the results of the pre and post tests in the compatibility test and the speed of success in 30 seconds, which measure the skill of handball for students from the age of (13-14) years in Baghdad governorate and in favor of the subsequent test.
2. The emergence of statistically significant differences between the results of the pre and post tests in the continuous rolling test in a zigzag direction for a distance of (30 meters), which measures the skill of dealing with handball for students from the age of (13-14). A year in Baghdad governorate and in favor of the post test.

Recommendations

The researcher recommends the following:

1. Using the competition and comparison method in learning basic skills and the hand reel that were not covered in the current study for students aged (13-14) years.
2. Conducting a study similar to the same proposed educational method to teach all basic skills for the rest of the individual and group games that are practiced in the physical education lesson.
3. Conducting similar studies to develop physical capabilities and functional variables that were not studied in the study and for both sexes.
4. A teacher counter by holding training courses to clarify the importance of using the competition method and comparative education in the basic skills of events and games that are shown in the booklet prepared by the Ministry of Education for the physical education lesson in secondary schools.

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