The interim variety tests and their impact in learning the most important skills in the tennis game for student

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Abstract

The scientific development is the emergence of new ideas and concepts in learning and acquiring sports skills, including ongoing calendar, which is going on by follow-up, which has made teacher or coach is more important in the management of learning process. One of the games consisting of a large number of basic skills, which requires the teacher or coach education and delivery to the learner or the player and develops well in order to improve its skill performance, and through the importance of searching using the interim tests and that will help the teacher In the diagnosing individual differences during the course of educational units as well as providing students directly with their level and their progress in acquiring some basic skills in the game. . . . The researchers have therefore undertaken this problem by holding ongoing follow-up tests during educational units. The researchers have reached the most important conclusions that the educational curriculum is prepared by researchers using the tests of prohibitions and the experimental group, as well as the tutorial prepared by the school for the officer. In developing the level of skillful performance and for both groups.

1 - Definition of Research

1-1 Introduction to research and importance:

The educational process occupied a prominent place in all countries of the world, as a comprehensive process that deals with all aspects of learner by changing by creating and preparing multiple educational attitudes in which there are various expertise in which aspects of performance, perception and veils are entitled.

The scientific development included new ideas and concepts and concepts in learning and acquiring sports skills, including ongoing calendar, which is going to take care of the teacher or coach more important in managing the learning process, and that each regulatory method of its objectives, its
characteristics, its speculation and its applications that meet the effectiveness and skill required And to suit the characteristics and level of learners, and the educational environment, the educational environment, their sites, potential and needs to be in line with the target to be achieved, so it is necessary to organize the educational curriculum in accordance with the method of tests to take into account these differences and participate in the light of learning levels and within their choices they want and represent their choices These are the education summit with all learners in learning, gradual and different levels of difficulty, and to take the educational process in the correct way and the development of evolution, it is necessary to take into account individual differences among students when choosing the educational method.

One of the goals of the lesson of sports education is to learn the skills within the gaming vocabulary, including a tennis game, one of the games consisting of a large number of basic skills, which requires the teacher or coach teaching and delivered to the learner or the player and developed well in order to improve its skilled performance , This is through the use of the appropriate and appropriate method which is consistent with the nature, educated tendencies, players and their wishes and reaches them to the level of efficient and efficient and effective to the objectives to be achieved.

Through the importance of researching using the interim testing tests, which will help the teacher in the diagnosis of individual differences during the course of educational units as well as directly providing students with their level and their progress in acquiring some basic skills in the tense game, and to contribute to this research in developing and enriching The educational process is through the creation of an effective learning and education and thus achieving the desired objectives of the educational proces

1-2 Research problem:

The tennis game of the individual games contains many skills and when students accepted may reach a good level of performance, a basis for each teacher to achieve the best results, and through the follow-up of researchers for educational units as well as practical lessons to this game note that The results of learning skill performance does not achieve appropriate levels of appropriate level and ambitions that aspire to both the student and teacher together, especially during the performance of tests, psychological and fear of the student during the performance of tests, which affect the results, which leads to the difference in the level of student recognition and their gaps, As well as eligibility students for their real level during practical lessons. The researchers have therefore undertaken this problem by holding ongoing follow-up tests during educational units.

1-3 Research objectives:
1. The preparation of an educational approach according to the interim variety of tests to learn some basic skills with a tennis game for students

2. Identify the impact of the educational curriculum according to the interim variance tests to learn some basic skills with a tennis game for students.

3. Identify the significance of differences between control and experimental groups in learning some basic skills with a tennis game for students.

1-4 Research hypotheses:

1. The presence of statistically significant differences between tribal and diminishing tests for both pilot control groups in learning some basic skills with a tennis game for students.

2. The presence of statistically significant differences between the control and experimental groups in learning some basic skills in adverse tests and the benefit of the experimental group.

1-5 Research fields:

1-5-1 Human Area: Students of Phase III / Faculty of Physical Education and Sports Sciences / University of Basra / 2020-2021

1-5-2 Time area: for the period from 1/12/2020 until 15/5/2021

1-5-3 Spatial field: Tennis court at the Faculty of Physical Education and Sports Sciences / University of Basra.

2 - Research approach and field procedures:

2-1 Research curriculum

The researchers used the pilot curriculum with control and experimental groups because he was the most appropriate curriculum to achieve the search objectives and its requirements.

2-2 Sample OF Research.

The sample is important in scientific research, which researchers must pay attention to it because it is the part that represents the origin or model of the researchers being entrepreneurial. The researchers chose a sample of his research in the deliberately (intended).
The research sample was the third phase students (30) in the Faculty of Physical Education and Sports Sciences / University of Basra for the academic year (2020-2021). The student will complain (11.17%) of the total society. In the indiscriminate way, the sample was divided into two groups (10) students of the control group which used the teaching curriculum. And (10) students of the experimental group, which was applied by the skilled tests, follow-up in the last (15 d) of the lesson share. (10) students, 6 of them were absent and the rest were conducted by the survey on them and they were of the same Division.

Table (1)

The homogeneity and equivalence of both control and experimental groups in search variables

<table>
<thead>
<tr>
<th>Tests and Measurements</th>
<th>Control group</th>
<th>F</th>
<th>Experimental Group</th>
<th>F</th>
<th>T collected</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Tribal Test</td>
<td></td>
<td>Tribal Test</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Length</td>
<td>174.3</td>
<td>3.831</td>
<td>2.197</td>
<td>172.6</td>
<td>4.718</td>
</tr>
<tr>
<td>Weight</td>
<td>67.5</td>
<td>3.807</td>
<td>4.976</td>
<td>78.8</td>
<td>5.072</td>
</tr>
<tr>
<td>Age</td>
<td>24.0</td>
<td>1.699</td>
<td>7.079</td>
<td>23.3</td>
<td>1.159</td>
</tr>
<tr>
<td>Test the skill of transmitter</td>
<td>14.4</td>
<td>2.716</td>
<td>18.861</td>
<td>13.7</td>
<td>2.110</td>
</tr>
<tr>
<td>Test the accuracy of front strikes</td>
<td>16.3</td>
<td>2.11</td>
<td>129.944</td>
<td>15.0</td>
<td>3.126</td>
</tr>
<tr>
<td>Test the accuracy of back strikes</td>
<td>13.40</td>
<td>2.716</td>
<td>20.268</td>
<td>12.10</td>
<td>2.330</td>
</tr>
</tbody>
</table>

* Freedom value (18) and under the level of significance (0.05) = 2.101

2-3 homogeneity and sample reward.

In order to avoid the effects that may affect the results of the research in the differences in the people of the sample, the researchers conducted a homogeneity and equivalence on the search sample to take variables (length, weight) as well as the skill of transmission, and the skill of the front floor, and the skill of the back ground strike).

These variables were statistically addressed by the use of the Law of Differences and (T.Test) and as shown in Table (1), which shows that the type of significance of all variables was not moral because the calculated values for all variables were smaller Of the tendency (T) value, which amounted to (2,101) at the level of sign (0,05) and under the degree of freedom.

2.4 Collecting information and tools used.
2.4.1 Means of collection of information.

- Arab and foreign sources.

- International Information Network (INTERNET).

2.4.2 Tools and devices used:

1. Tennis court.
2. Tennis rugs.
3. Legal tennis balls.
4. Degrees registration form to evaluate players.
5. Chalk.
6. Tape measure.
7. Colorful adhesive tape.
8. Medical balance.

2.5 exploratory experience.

The recomputed trial was held on Tuesday (8/12/2020) at 9:30 am at the Tennis Stadium Faculty of Physical Education / University of Basra on a sample of the third phase students and was the identification of problems and obstacles that may face researchers during the application of the main experience, including:

1. Safety tools used as well as their locations and dimensions.
2. Identify performance time each test.
3. Safety of tools established as well as their locations and dimensions.
4. How to lay down and divide tests

2.5-1 Test the front and long rear terrain (1: 134- 135 : 2006)

Test object: Measurement of the front and long rear terrain.
The tools used: Legal tennis court The Caliph's transmission and arena area is divided into two appropriate areas and can be renamed D C B A regions as shown in the test chart.

- Tennis racket - tennis balls in good condition

**Test Instructions:**

1. The laboratory stands on the baseline and on the middle mark and does not allow it to pass.

2. The teacher stands in the corresponding pitch to calculate the grades for the correct courses.

3. Assistant student collects balls and with the help of the teacher.

4. The laboratory gives two experimental attempts for warming and air conditioning on the test.

5. The laboratory grants 10 attempts for the front terrestrial blow.

Performance Method: The lab is thrown on the ground and when it is borne to the top plays a front or background blow to the corresponding stadium trying to drop at the end of the stadium.

**Recording grades:**

1. Calculate the grades for each ball is true as follows:

   - 4 degrees of fallen ball in Area A.

   3. Falls in the area b.

   - 2 degrees of fallen ball in the C.

   - 1 degrees for falling ball in the area d.

   - zero for karts that do not cross the network or fall out of the singles

2. The degree of laboratory is the total score recorded in the 10 attempts.

Note: The test is used to measure the long front and back ground strike.
Figure (1)

The test is demonstrated by the front strike and back

2-5.2 Transmission test for four equal areas.

Test object: Measure transmission accuracy.

The tools used: Legal Tennis Stadium is divided into four equal zones and gives her classified grades for each area, as shown in the test chart.

- Tennis racket, tennis balls in good condition.

Test Instructions:

1. The laboratory stands behind the base line and diagonally.

2. The teacher stands in the corresponding pitch to calculate the correct balls.

3. The assistant student collects balls and helps the teacher.

4. The laboratory gives two experimental attempts to warm and adaptation on the test.

1. The laboratory grants 10 attempts 5 attempts from the right and 5 attempts on the left.

Performance Method: The lab performs a blow to the transmission area in the corresponding arena trying to drop balls in the most scores.

Recording grades:

1. Calculate the grades for each ball is true as follows:

- The fallen ball in the area 4 grants 4 degrees.
- The fallen ball in the area 3 grants 3 degrees.
- The falling ball in the area 2 grants 2 degrees.
- Fallen ball in Area 1 grants 1 degree.

Zero for karts that do not cross the network or do not fall off the selected transmission area.

2. The degree of laboratory is the total score recorded in the 10 attempts.

2-6 Field research procedures:

2.6.1 Tribal tests.

After the sample was identified in its groups (depression and experimental), researchers conducted tribal tests under the study on Tuesday (15/12/2020) and at 9:30 am at the Tennis Stadium of Physical Education Faculty of Basra University and was installed by the tests as the place Time and the way of implementing tests for the purpose of achieving the same conditions as much as possible during the conduct of diminishing tests.
2.6.2 Field experience.

An educational curriculum has been applied to the sample of the main experiment by the article teacher for both groups and for 8 weeks beginning on Tuesday, 15/12/2020 and on Tuesday, 16/2/2021 as they included

Control Group: The Group applied the educational curriculum prepared by teachers of the article by learning some tennis game skills by the article teacher and the members of this group receive their educational units on Tuesday, according to the table of daily lectures and according to the table.

Experimental Group: Applied the pilot curriculum prepared by researchers by learning some basic skills by the Tennis game by the teacher of the article and the members of this group received at the end of the main section of the educational unit tests for the skill tests in this unit. By members of this group, in which the degree of each student records and the teacher at the end of the main section of the educational unit tests the students obtained and thus achieving the teacher. The extent to which they achieve gives them an incentive and motivated towards practice and the best in the upcoming units, and the educational units of this group were conducted and according to the weekly lecture schedule on Tuesday. The time of educational unity was 90 minutes divided into three sections and as follows: (20 D Preparatory Section, 60 D. Main Section, 10, Final Section). As in an extension (1).

2-7-3 Dimensional tests

After the implementation of training exercises on the experimental group, researchers have made the dimensions of the research community of the two groups (and respondents) on Tuesday (16/2/2021) and at 9:30 am. Taking into account the circumstances in terms of place, time and time followed in tribal tests and measurements.

2.8 Statistical means.

The Ready Program in the Statistical Pouch (SPSS Version V.21) was used to process data

3- View and discuss results:

3.1 Discusses and analyze the results of tribal and diminish tests for the control and experimental groups in Research variables
The results of the tribal and Dimensional tests are shown to both control and experimental groups in research variables.

<table>
<thead>
<tr>
<th>Tests and Measurements</th>
<th>Control group</th>
<th>T collected</th>
<th>Experimental Group</th>
<th>T collected</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Tribal Test</td>
<td>M</td>
<td>S</td>
<td>Tribal Test</td>
</tr>
<tr>
<td>Test the skill of transmitter</td>
<td>14.4</td>
<td>2.716</td>
<td>17.10</td>
<td>3.212</td>
</tr>
<tr>
<td>Test the accuracy of front strikes</td>
<td>16.30</td>
<td>2.11</td>
<td>19.80</td>
<td>4.094</td>
</tr>
</tbody>
</table>

*Value (t) for freedom (9) and level of debate (0.05) = 1,833*

Table 2 shows the calculation and standard deviations and value (T) calculated in the transmission accuracy test and for both control and experimental groups. The results showed that the arithmetic center of the control group in the tribal test was (14,40). The accounting middle of the interval was appreciated (17,10) and a standard deviation (3,212), and the value of (T) is calculated to know the differences between tribal and 2,832 tests (4,832), more than 9,833 (9) and under the level of significance (0.05). This indicates the existence of moral teams and the benefit of the interview.

As in testing the accuracy of the front strikes and the two groups and experimental. The results showed that the arithmetic center of the control group in the tribal test was (16,30). The standard deviation of 2.11, and the arithmetic middle of the last test was appreciated (19,80) and a standard deviation (4,049), either value (T) The calculated to find out the differences between tribal and 2,796 test (3,796).

In the accuracy of the accuracy of the background strikes and the two groups and experimental, the results showed that the arithmetic center of the control group in the tribal test was (13,40) and a standard deviation (2,716) and the arithmetic middle of the survey (15,10) and a standard deviation (2,923) The value of (T) is calculated to find out the differences between tribal and backgrounds. This indicates the existence of moral teams and the benefit of the interview.
Table 2 also shows the calculations, standard deviations and value (T) calculated in the accuracy of the transmitter skill accuracy and the controls of the control and experimental. The results showed that the arithmetic center of the pilot group in the tribal test was (13,70) and a standard deviation (2,11) and central deviation. The arithmetic test was appreciated (22,20) and a standard deviation (5,920), either the value (T) is calculated to identify differences between tribal and backgrounds. 0.05) (0.05). This indicates the existence of moral teams and the benefit of the interview.

In the accuracy of the accuracy of the front strikes and the two groups and experiments. The results showed that the arithmetic center of the trial group in the tribal test was (15,00). The arithmetic middle test was accounted for (23,50) and a standard deviation (3,341) and the value of (T) is calculated to find out the differences between tribal and backgrounds. 0.05). This indicates the existence of moral teams and the benefit of the interview.

Either in the resolution of the background strikes and the two groups and experimental. The results showed that the arithmetic center of the trial group in the tribal test was (12,10). The standard deviation of 2,330. The accounting middle of the last test was accounted for (19,20) and a standard deviation (3,994), either the value (T) is calculated to know the differences between tribal and backgrounds. (0.05) This indicates the existence of moral teams and the benefit of the interview.

4.2 Displays and analyze the results of the dimensions of the control and experimental groups in research variables

Table (3)

<table>
<thead>
<tr>
<th>Tests and Measurements</th>
<th>Control group</th>
<th>Experimental Group</th>
<th>T collected</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Tribal Test</td>
<td>Tribal Test</td>
<td></td>
</tr>
<tr>
<td>Test the skill of transmitter</td>
<td>17.10</td>
<td>22.20</td>
<td>4.400</td>
</tr>
<tr>
<td></td>
<td>3.212</td>
<td>5.902</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4.400</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Test the accuracy of front strikes</td>
<td>19.80</td>
<td>23.50</td>
<td>2.228</td>
</tr>
<tr>
<td></td>
<td>4.049</td>
<td>3.341</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2.228</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Test the accuracy of back strikes</td>
<td>15.10</td>
<td>19.20</td>
<td>2.619</td>
</tr>
<tr>
<td></td>
<td>2.932</td>
<td>3.499</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2.619</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Value (t) for freedom (18) and level of debate (0,05) = 2,101

Table (3) shows the calculation and standard deviations and value (T) calculated in the transmission accuracy test and for both control and experimental groups. The arithmetic antagonist in the experimental
group was accounted for (22.20) and a standard deviation (5,902). (18) Under an indication level (0.05) This indicates the existence of moral and interest differences in the experimental group.

In the accuracy of the accuracy of the front strikes and the two groups and experimental. The results showed that the arithmetic meaning in the control group was (19,80). The arithmetic middle test in the experimental group was appreciated (23,50) and a standard deviation (3,341), either the value (T) is calculated to know the differences between the control and experimental control groups (2,228), more than 2,101 (2,101) (18) Under an indication level (0.05) This indicates the existence of moral and interest differences in the experimental group.

In the test of the accuracy of the background strikes and the two groups, the results showed that the arithmetic meaning in the control group was (15,10). The standard deviation of 2,923. Standard (3,499), the value of (T) is calculated to find out the differences between the control and experimental groups in the interviewer (2,619) and is greater than freely (18) and under the level of significance (0.05) and this indicates there Moral difference and benefit of interest in the experimental group.

4-3 Discussion Results:

Through the results presented in table (7), there are significant differences between dimensional tests and the benefit of the experimental group according to the second date of research and attributed researchers to several reasons, including:

Follow the proper method of learning, on the basis and valid steps and provide the learner of feedback by defining students at their level during the educational unit through the end of each educational unit. When the teacher follows the correct approach in education and increased repetitions and feedback to be evolving in learning, supporting this principle (SCHMIDT2000) (that feedback is increasing and motivated by individual energy and enhances the correct performance and avoid mistake performance) (2: 280 : 1997 )

The aim of these tests and all educational steps was to attempt to deliver students to a good condition, which aims to do the teacher for the purpose of delivery of students to kinetic control and paint the mobility in their imagination before he happened, and this in turn will help students make a decision to exercise accurately and speed, MAGILL1998) when he said, "Diversification of exercise, organization and diversity of movement will increase educational experience and increases the learner's ability to perform better skill," (1: 230: 2006)
That the educational curriculum applied by the experimental group and accompanied by tests helped students to absorb kinetic duties, easier for storage and retrieval in memory and rapid readiness to implement the required duty, which in "turn helped improve and develop the learning process, resulting in increased interaction through the performance of the end The main section of each educational unit as well" (3:76:2006) as support and assessment of student for testing, and in which the focus is shifted from the teacher to the student to adopt an adequate force of responsibility for the performance of the charged tasks to achieve the goals of the lesson, unlike the US method that remains the goals for students From the ambiguity and complexity, "Abdul Majid Sharaf) confirms" clarity of targets is not less important than the identification to accomplish it.

5. Conclusions and recommendations:

5.1 CONCLUSIONS:

1. The educational curriculum is prepared by researchers using the tests for the experimental group as well as the tutorial prepared by the teacher on the officer of the officer had a positive role in developing the level of skillful performance and for both groups.

2. The educational curriculum prepared by the researchers according to the interim variance had had the adult impact on improving the level of skilled performance clearly and concrete with the experimental group members.

3. Diversification in the evaluation and evaluation process for students or players has significantly contributes to the development of performance, either skill, physical or psychological.

5.2 Recommendations:

1. The need to emphasize the use of interim variables for their positive role in developing and improving the level of learning of basic skills in the tennis game.

2. Adopting the educational curriculum subject by researchers using the interim variety of tests for the great role and active learning basic skills in the tennis game.

3. Similar studies are held by applying the idea of the curriculum on other games and other samples.
References:

1. Altar Abdul Karim Al-Maamari et al: (2006) Design of tests to measure the basic skills of the ground tennis game, Al-Rafidain Journal of Sports Science, Volume 12, No. 42, Mosul University / Faculty of Physical Education,

2. Abdul Majid Sharaf: (1997) Planning in sports education between theory and application, I 1, Book and Publishing Center, Cairo,

Extension (1) Form for an educational unit/ second week

Educational targets: self-confidence development and common work Date: //2021

Instruments: Teaching the skill of front of the front strike Unit time: 90 minutes

Tools and means used: Speculation and balls

<table>
<thead>
<tr>
<th>Educational Unit</th>
<th>Time</th>
<th>Events or motor skills</th>
<th>shapes and notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preparatory Section</td>
<td>20 m</td>
<td></td>
<td>Emphasis on calm and discipline \</td>
</tr>
<tr>
<td>The theoretical part</td>
<td>10 m</td>
<td>After recording the audience is illustrated about the most important of the lecture for this day \</td>
<td>Emphasize the performance of exercises well and unified \</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Starting the general and private warm ... Stand up a straight line - the normal walk in the form of two parallel lines - Normal jogging - jogging with swearing arm right - (Stand) rotate the neck freely. (Stand-arms aside) work large circles in the air freely. (Stand-open) lift the arms aside and then reduce them (two)).</td>
<td>Emphasis on the health of primary situations.</td>
</tr>
<tr>
<td>Operational</td>
<td>10 m</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Main Section</td>
<td>60 m</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Educational activity</td>
<td>10 m</td>
<td>The teacher explains the skill of the front strike for students \</td>
<td>- - The setting is confirmed \</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- The movement works from stability and without a ball, and the motion nature. \</td>
<td>The racket correctly in the hand \</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Movement works with ball and stability and one of the good students is required to perform the movement. \</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Tull the balls in the area between the singles and my husband with walking \</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Performance after jumping forward and taking step and receiving the balls coming from the teacher and the assistant in my pitch. \</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>- The teacher is dividing students for three groups that these totals are equal to the sharing of the stadium. \</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Parking on the end line and exchanging front strikes from the network diagnosed with a focus on the mile of the palm of the hand and continued strikes \</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Three students (1) stand behind the network (2) behind the rule face for (1), (3) stands on the other rule line. \</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>(1) in the throne of the ball (2) which is hit by a front blow to (3) repeated and then switch \</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Conducting follow-up tests for the management of the front strike to know how effective curriculum. \</td>
<td></td>
</tr>
<tr>
<td>Applied Activity</td>
<td>30 m</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Final Section</td>
<td>10 m</td>
<td>A small game control the ball to the top of the largest number possible between students</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>