The thesis consisted of five chapters:

Where the first chapter included the definition of the research, the introduction, the importance of the research, the research problem and the research objectives, which are:

- Preparing special educational units using the TAPCK model using exercises to learn the grips in the wrestling game. And to identify the effect of the TAPCK model in the exercises in learning some grips in the wrestling game. And to identify the preference of which of the two groups is better in learning some grips in the wrestling game. As for the research hypotheses, the researcher assumed that there are no statistically significant differences between the results of the tribal tests and the results of the dimensional tests between the experimental and control groups. No There are statistically significant differences in the results of the dimensional tests between the experimental and control groups. It also included research areas. The second chapter included theoretical and interrelated studies. The third chapter included the method used, which is the experimental method, community and research sample. The research sample was chosen from the original community in the intentional way represented by third-grade students in the Department of Physical Education and Sports Sciences - Isra University for the academic year 2020-2021, whose total number is (223) and by (4) people The research sample, which was chosen by the systematic random method, was selected from the original community of (109) male and female students, namely Division (C) (B) and by lottery, Division (C) numbered (34) students of the experimental group and Division (B) numbered (34). 35) students group Controllers, practicing, postponed, and repeating players were excluded. Thus, the research sample became (50) students distributed equally between the two groups. Homogeneity was conducted, as well as the exploratory experiment was conducted on a sample while they were outside the research sample. The scientific foundations of the tests were extracted and found to have a high degree of honesty, stability and objectivity. After that, tribal tests were conducted and the basic experimental was applied, and then the post tests were conducted, and the fourth chapter included presentation, analysis and discussion The results of the tribal and remote tests for the experimental and control groups and between the two groups. As for the fifth chapter, it included the most important conclusions reached by the research, namely:

- There is an effect of the TAPCK model as a modern teaching model in learning wrestling grips compared to the traditional method.

I.  CHAPTER ONE

Introduction

In recent years, the world has witnessed a great and comprehensive development and transformation in the fields of life in general and in the field of physical education in particular. If we live today in an era in which scientific developments have reached such a high level that the traditional method does not meet the requirements of this age(1).

If teaching methods and learning methods developed rapidly as a result of the great scientific progress and the countries of the world began to race among themselves to reach what is new and developed and serves the educational process(2).
One of the most prominent features of the modern era in which we live is the scientific progress made by man, and it has become necessary to keep pace with this progress by using the best methods that serve the learner to reach the level of advancement(3).

Today’s learner needs modern knowledge, and he is forced to do so, because knowledge in our time is constantly talking, and what works today may not work after a short period of time. This will not be achieved unless the learner is in constant contact with information and communication networks, and given the vital role that technology plays in our time. It became necessary to develop a new framework that helps in understanding and evaluating the knowledge and skills that the learner needs to employ technology in teaching(4).

In 2005, TAPCK was presented to the educational research community as a framework for technological integration if the research was about the integration of technology in education(5).

Therefore, both Koehler and Mishra felt the need to expand the scope of the Schulman framework by adding a third field, the field of technological knowledge, as an independent field of knowledge and not as an aid to teaching. Educational, the two trainers came up with the concept of TAPCK, which is the framework of knowledge of content, education and technology, which aims to clarify the necessary competencies for teachers to enable them to integrate technology with education through their good knowledge of the content of the specialization and the appropriate pedagogical methods, as well as knowledge of technological innovations that achieve the goal(6).

The wrestling lesson in the Faculty of Physical Education is one of the important lessons because wrestling is one of the World and Olympic Games and has a clear impact on preparing the student physically, mentally and kinesthetically, because the wrestling game contains many grips and defensive and offensive motor skills. It requires the use of methods and procedures that guarantee the goal of the educational process and following the scientific method in the process of special education to learn different motor skills(7).

Therefore, it is necessary to adopt modern educational strategies and use a variety of educational means that also support these strategies, among these models is the technological TAPCK model, which is based on the integration of technological knowledge, content knowledge, and educational knowledge for students to acquire many different grips and motor skills(8).

Therefore, the researcher was interested, through his study of teaching methods, trying to get out of the old traditional methods to the modern and diverse methods of education, which is the application of the TAPCK model in teaching the game of wrestling.

The importance of the current research is manifested by using an educational model that is compatible with the use of educational techniques, as well as for knowledge of teaching methods and knowledge of the content of the educational material

1-2 search problem

Technology is the language of the age. The current era has witnessed many scientific and technological developments that have left their mark on all sectors of life, the most important of which is the education sector.

As a result of research and studies, many modern strategies and methods and various models have emerged that many scholars have come up with, and this confirms the departure from the old methods to the modern methods, which ensure the interaction of educational elements with each other to promote developments

The researcher noticed that one of the wrestling players previously had a weakness in the students’ learning process for some of the grips in wrestling, as it needs to employ new technology in presenting the academic content and building knowledge that the student can benefit from in the practical aspect.

1-3 Research objectives

1- Preparing educational units according to the TAPCK model in generalizing kinetic programs and learning some wrestling grips.

2- To identify the effect of the prepared educational units
3- Identify the best groups that work according to the TAPCK model.

II. CHAPTER TWO

2 Research methodology and field procedures

2-1 Research Methodology: The researcher used the experimental method for its suitability to the research requirements and for being the appropriate means to prove its hypotheses. The experimental method that the researcher used in this study is the appropriate method to solve the research problem, because the essence of the experimental method is (it is an attempt to control all the basic factors except for one variable that the researcher deliberately changes, provided that this change is measurable\(^9\)).

2-2 Research community and sample: The research community was selected from the third stage students of the Department of Physical Education / Al-Isra University for the year 2020-2021, whose number is (223) students and by (5) people. (109) students, namely, Division (B) (C) and (D), and by lottery it became Division C)), which numbered (34) students of the experimental group and Division (B), whose number was (35) students of the control group\(^{10}\).

Sample homogeneity: In order to reach a single and equal level for the research sample and to avoid the variables that affect the results of the research in terms of the individual differences that exist among the students, the researcher took homogeneity on the sample by taking the variables (age, height, weight)\(^{11}\).

As shown in the table

<table>
<thead>
<tr>
<th>Variables</th>
<th>the middle</th>
<th>standard deviation</th>
<th>Mediator</th>
<th>Variation coefficient %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height / cm</td>
<td>174,80</td>
<td>3,32</td>
<td>174,00</td>
<td>%5.24</td>
</tr>
<tr>
<td>age/time</td>
<td>20,03</td>
<td>0,486</td>
<td>20,00</td>
<td>%4.11</td>
</tr>
<tr>
<td>Weight/kg</td>
<td>76,63</td>
<td>4,53</td>
<td>76,50</td>
<td>%1,68</td>
</tr>
</tbody>
</table>

The table shows that the sample is homogeneous and normally distribute

-3 The most important means of data collection: Any research research is hardly devoid of data collection methods that the researcher uses to solve his problem and achieve his goals. Therefore, the researcher used the following research methods:

1- Test and measurement.

2 - Observation

3- The interview

4- Scientific sources and references

5- Aids in data analysis (spss )

6- A questionnaire for collecting and unloading data.

search procedures: 2-4

2-4-1 Choosing the test: Choosing and determining the tests is not an easy process, as the test must be based on accurate scientific bases in order to achieve the purpose for which it was set. Tests for wrestling, as these tests were then presented to a group of experts and specialists through an opinion poll form. The researchers adopted the tests of the technical performance of the Abbasid grip\(^{12}\).

Performance method Testing the technical performance of the grips

Score calculation: The skill test score is calculated by dividing the grades for each performance section, as the value of the introductory section (3), the main section (4), and the closing section (3). The final score was calculated for all the discipline combined with its divisions, and the final score for each discipline reached (10) degrees according to the opinion of the assessors\(^{13}\).

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2-5- exploratory experience

The researcher conducted the first exploratory experiment for the Abbasid grip on 11/12/2020 and then conducted the second exploratory experiment for the Abbasid grip a week later on 11/19/2020 on the same sample of (10) students from Division (C) who did not enter the main experiment.

2-6 Scientific bases

2-6-1 Stability: (is that the test gives the same results when the test is repeated again on the same sample so that the test does not change during repetition and repetition when the results appear). (8)

2-6-2 Honesty: "It is the task of the test to measure and evaluate the quality for which the test was developed.

Objectivity: 2-6-3

It is agreement in performance during the test and avoidance of self-evaluation) and that one of the characteristics of a good test is that it is objective

It shows the coefficients of stability, honesty and objectivity of the test for the Abbasid grip

<table>
<thead>
<tr>
<th>Statistical parameters</th>
<th>stability coefficient</th>
<th>self-honesty coefficient</th>
<th>Objectivity coefficient</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abbasid clutch</td>
<td>0.84</td>
<td>0.91</td>
<td>0.93</td>
</tr>
</tbody>
</table>

2-7 Pre-test:

The pre-test for the control and experimental groups was conducted on (11/23/2020) after the completion of giving an educational unit, where a first educational unit was given in the Abbasid grip on 23/11/2020 that included an explanation of the Abbasid grip with the help of some pictures and drawings for those The grip was then presented to a prototype, then the research sample applied it, and after the end of the educational unit, a pre-test was conducted for the sample, and the pre-test was approved for the purpose of equivalence (15)

2-8 Educational Curriculum:

When the researcher completed the exploratory experiment, and the tribal tests, the researcher intended to prepare a special educational curriculum for individual experimental groups, both according to the TAPCK model and according to the method of performance, as the curriculum began on Sunday, 27/11/2020 and the curriculum lasted for 12 weeks until 23/2/2021 as It is shown in Appendix No. (1).

2-9 The tests evaluate the dimensional performance:

The post-skill tests were conducted on Tuesday 23/2/2021 in the wrestling hall in the Department of Physical Education and Sports Sciences / Al-Isra University.

2-10 Statistical means:

The researcher used the statistical means obtained from the tests using the statistical package (SPSS) V(21).

III. CHAPTER THREE

3-1 Presentation and analysis of the results and discussion of the two research groups in the pre and post tests:

3-1-1 Presenting the results of the tests under study for the control group in the pre and post tests:

It shows the arithmetic mean, standard deviation and (T) value of the computed test for the Abbasid grip for the control group.
3-1-2 Presentation and analysis of the test results of the Abbasid grip of the experimental group in the pre and post tests:

The arithmetic mean, standard deviation and (T) value of the calculated experimental group are shown

<table>
<thead>
<tr>
<th>Variables</th>
<th>lonliness measurement</th>
<th>Triball</th>
<th>After</th>
<th>Values (t) calculated</th>
<th>level</th>
<th>The error</th>
<th>morale</th>
<th>the differences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abbasid hand</td>
<td>Degree</td>
<td>1.52</td>
<td>0.82</td>
<td>4.86</td>
<td>0.69</td>
<td>11.75</td>
<td>0.00</td>
<td>insignificant</td>
</tr>
<tr>
<td>Abbasid handle</td>
<td>Degree</td>
<td>1.52</td>
<td>0.82</td>
<td>5.56</td>
<td>0.82</td>
<td>13.86</td>
<td>0.00</td>
<td>insignificant</td>
</tr>
</tbody>
</table>

3-2- Presentation of the test results of the Abbasid grip between the control and experimental groups in the post tests.

It shows the arithmetic mean, standard deviation, and the calculated T value for the tests under study

<table>
<thead>
<tr>
<th>Variables</th>
<th>Lonliness measurement</th>
<th>officer</th>
<th>Experimental</th>
<th>Values (t) calculated</th>
<th>level</th>
<th>The error</th>
<th>morale</th>
<th>the differences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abbasid hand</td>
<td>Degree</td>
<td>5.56</td>
<td>0.82</td>
<td>4.68</td>
<td>0.69</td>
<td>4.10</td>
<td>0.00</td>
<td>insignificant</td>
</tr>
</tbody>
</table>

IV. CONCLUSIONS:

1- In the experimental group, the results showed the superiority of the one who used the TAPCK model with accompanying skill exercises in learning the Abbasid wrestling grip.

2- The proposed educational units used by the experimental group, which included the use of the TAPCK model, accompanied by skill exercises, had a positive effect on learning the Abbasid grip in the wrestling game.

3- The use of the various available educational aids helped the students to get away from the monotony of the lesson and encourage them to continue to participate actively.

4- The interaction of the students who studied on the TAPCK method is more than the students who studied on the traditional method.

5- The positive effect of the TAPCK model as a modern teaching model in learning the Abbasid grip in wrestling compared to the traditional method.

Recommendations:
1- The necessity of using educational models such as the modern TAPCK model in learning the motor skills of sports games, especially wrestling.

2- The necessity of using technological innovations in the educational process and activating the role of students in it.

3- Providing various educational materials, devices and means that help teachers to use them in theoretical and practical education in physical education.

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1. Education teachers according to the TAPCK curve, Books and Documentation House, Baghdad, 2020, p. 9.
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