



## The effectiveness of using the interactive e-booklet In learning some teaching skill

\* Dr/ Shorouq Ali Abu Al-Nasr

\* Lecturer in Faculty of Physical Education, University of Sadat City

### Introduction to research :

institution, and harnesses the latest technology of devices and programs in the teaching and learning processes, starting with the use of electronic means of presentation , multimedia in traditional classrooms and self-learning, and ending with virtual classrooms that allow students to attend , And interaction with lectures and seminars held in other countries, and the scientific material can be simple as in the traditional lesson, and it may be an educational program on the computer or the Internet, and the scientific material can be text , or still images , or animations , or visuals or these combined or some of them."6: 22)

learning -Due to the fact that e new methods of is one of th based learning, especially -computer after the spread of the personal computer and its networks, its based applications have -interaction become one of the most important and .effective means of learning

The issue of education is one of the important things that preoccupied educators of all affiliations and made them search for the best ways and means to face this development, so new educational methods and models have emerged to meet these challenges at the global level, such as e-learning to help the learner learn in the place he wants, and at the time he prefers without committing to attend the classroom at specific times, and in learning through different scientific content for what is presented in paper books The new content is based on multimedia (text - graphics - images - video - audio), and is presented through modern electronic media, or in the classroom using educational technologies.

E-learning as "is that type of education that depends on the use of electronic media in communication between teachers , learners and between learners , and the educational



environment characterized by more capabilities that cannot be obtained in .nvironmentthe printed paper e

The e-book includes types of multimedia from audio recordings , drawings and animations , some scenes from videos , footage from educational films, steps for field operations, or maps with a background of soundtrack appropriate to what is on display. (12:277)

The teaching skills are an integrated motor activity that earns the body high physical fitness, and is considered the structural basis for modern technical exercises, teaching skills helps to develop both the element of strength, speed, agility, flexibility and speed of reaction, it works to form and build the body , and give it good strength , and enjoy high physical fitness.(1:15)

There are many teaching skills, including: bending plie , tendo tide,lifting releve, crawling glisser, jumping sauter, rotation tourner, and falls under each of the previous skills a set of sub-skills, in addition to the positions of the feet, arms positions, body positions, and linking steps from one movement to another.(9:46-47), (23:13), (26:12-13)

E-learningis "a flexible method using technological learning innovations and information network equipment over the Internet, based on multidirectional communication , and providing educational material concerned with interactions between learners , faculty , experiences and ".me and anywheresoftware anyti

books are one of the latest -E learning media used recently, due to -e book , -the advantages of the e perhaps the most important of which interaction that pushes -is the vital self confidence, taking -the learner to self dividual differences into account the in between learners, where each of them .s according to his abilitieslearn

That term "Book-E" It is one It is a , of the newly emerged terms new term in the world of modern technology that means those text files ngement to that are similar in arra books spread -EA printed books, and after the great progress that took place Information is , in the field of printing stored electronically by computer, and after the advent of the Internet, the books has become -purchase of e sites on the World noticeable on trade .Wide Web

book represents an -The e advanced form of printed paper book, it perfectly mimics the traditional book, but in a virtual electronic

these skills well And their need for a long time to reach good compatibility during their learning, and this is clear from the reality of the first exploratory study carried out by the researcher on the scores of applied tests in the teaching skills course for fourth-year students in the faculty for the academic year 2017/2023, where it was found that (23.44%) of the total female students (128) A student with weak estimates in the course of teaching skills, despite the effort made by faculty members in the college, and the researcher believes that this may be due to the inappropriateness of the teaching method followed (learning by orders) in learning the teaching skills under research, in this method the teacher explains the skill verbally and then perform the practical model, and the students only implement, which does not take into account modern trends in teaching, and this requires the education process to search for A method of teaching that makes the educational process more interesting, and the researcher has found that it is possible to use some e-learning methods such as the electronic booklet as an attempt to raise the level of performance of some teaching skills for college students, and in an effort to keep pace with modern educational philosophies, which recommended the need to use modern technological

The researcher reviews some reference studies that dealt with the use of the electronic booklet in learning applied courses, such as: Muhammad Kamal Al-Din Al-Baroudi (2009)(18), Soumya Muhammad Ahmed (2013)(8), Ahmed Ali Siam (2015) (2), Sheppard et al. (2015)(29), Rasha Yahya Al-Sayed (2024) (7), Ola Taha Abdullah (2024) (11), Yahya Adel Ahmed (2024) (22) Based on the results of the above reference studies, the need arose to study the effectiveness of using the interactive electronic booklet in learning some ballet skills.

The researcher has noticed through teaching the teaching skills course for fourth-year students at the Faculty of Physical Education - University of Sadat City, that there are deficiencies in the level of performance of some teaching skills (the skill of setting goals and planning the lesson - the skill of preparing and equipping the place of the lesson - the skill of presenting and presenting the lesson (implementing the lesson) - the skill of using teaching aids - the skill of evaluation) and they are important basic skills, and an essential element in the kinetic sentences of the teaching skills course, and the inability of students to perform technically for the components of

1- The level of performance of some teaching skills

**Research hypotheses:**

- 1- There are statistically significant differences between the averages of the pre- and post-measurements of the experimental group in the level of performance of some teaching skills in favor of the post-measurement.
- 2- There are statistically significant differences between the averages of the pre- and post-measurements of the control group in the level of performance of some of the teaching skills under research in favor of the post-measurement.
- 3- There are statistically significant differences between the averages of the two dimensional measurements of the experimental and control groups in the level of performance of some teaching skills under research in favor of the experimental group.

**Search terms:**

**Instructional Technology**

a way of thinking to develop " It is an educational system that creates technological environments in the field of teaching and learning, through educational which the learner has his experience by teaching him how to

methods in learning, and make the learner more effective in the educational process by finding situations in which his role is more positive.

However, most educational institutions are still working with traditional methods of teaching methods that focus on the subject more than focusing on the learner using the method of diction, memorization and memorization, and the teacher and the blackboard are still the specific framework for many prevailing educational practices, without considering the new educational methods and methods adopted by educational technology.(16:7)

In light of the foregoing, the problem of the current research is to try to identify the effectiveness of using the electronic booklet in learning some teaching skills for fourth-year students at the Faculty of Physical Education - University of Sadat City.

**Research Objective:**

The research aimed to design an electronic booklet to learn some teaching skills for fourth-year students at the Faculty of Physical Education - University of Sadat City, and to know its impact on:

#### :Research sample

The researcher selected the basic research sample in a deliberate way year students -from among the fourth -at the Faculty of Physical Education University of Sadat City for the first year semester of the academic (١١٦) and their number is ,٢٠٢٤/٢٠٢٣ students, and the research sample female students with a (٦٠) included from the (%٥١.٧٢) percentage of research community, and they were **three** randomly divided into There are

#### :groups as follows

- The exploratory group consisting of (32) students to conduct scientific transactions
  - The experimental group of (14) students used the interactive electronic booklet.
- (١٤) The control group consisting of - students used the learning method .by command

as calculated the The researcher h moderation of the distribution of the members of the research sample in some variables that may affect the experimental variable, which are -weight -height -growth rates (age intelligence), and some physical performance variables and the level of of some teaching skills under research .illustrate this (٢) and (١) and tables ,

use all sources of knowledge and technological aids in order to reach (٢٠:٩٠".the information himself

#### :Learning-E

It is "the type of education that depends on the use of electronic ving media in communication, recei ving information, acquiring skills, and interaction between the student and the teacher and between the student (٢٧:١٥ ".and the university

#### :Electronic Book

It is "an electronic medium similar to a traditional book and containing textual and other supported scientific -diamultime material, which can be published online or stored on CDs." (٢٥:٤٦)

#### Search Procedure:

#### Research Methodology:

The researcher used the experimental method using the experimental design of two groups, one experimental, and the other -and post -ontrrolled by prec .measurement for each group

#### :Research Community

The research community included year female students at the -fourth -Faculty of Physical Education for the first University of Sadat City semester of the academic year (١١٦) numbering ,٢٠٢٤/٢٠٢٣ .students

(١)Table

Moderation of the distribution of the members of the research sample in the height -growth rates (age

skewness	median,	standard deviation,	Arithmeti c mean,	measruing unit	Variables
0.88	21.65	0.85	21.90	year	Age
0.71	163.00	6.37	164.50	poison	height
0.83	67.50	4.51	68.75	kg	the weight
0.69	29.00	5.19	30.20	degree	Intelligence

limited between (+3), which indicates the moderation of the distribution of the members of the research sample in these variables.

It is clear from Table (1) that all the values of the torsion coefficients for growth rates and physical variables under research ranged between (0.59: 0.96), i.e. they are

Table (2)

skewness	median,	standard deviation,	Arithmetic mean,	measruing unit	Variables
0.73	2.50	1.24	2.80	degree	The skill of setting goals and planning lessons
Variables	3.00	1.39	3.25	degree	The skill of preparing and equipping the lesson location
Age	Torsion coefficient	Broker	Standard deviation	Arithmetic mean	Unit of measurement
Length	0.88	21.65	0.85	21.90	year
Weight	0.71	163.00	6.37	164.50	poison

(+3), which indicates Moderation of the distribution of the members of the research sample in these variables.

Equivalence of the two research groups:

Equivalence was found between the members of the two research groups (experimental group - control group) in the previous variables under research, and tables (3) and (4) illustrate this.

It is clear from Table (2) that the value of the torsion coefficients in the level of performance of some teaching skills (the skill of setting goals and planning the lesson - the skill of preparing and equipping the place of the lesson - the skill of presenting and presenting the lesson (implementing the lesson) - the skill of using teaching aids - the skill of evaluation) ranged between (0.54: 0.98), meaning that it is limited to

**Table (3)**  
**The significance of the differences between the experimental and control groups**

٠.٨٣	٦٧.٥٠ ١٤ = ن		٤.٥١ ١٤ = ن		٦٨.٧٥	kg
	٠.٦٩	٢٩.٠٠	٥.١٩	٣٠.٢٠		
<b>Broker</b>	<b>Standard deviation</b>	<b>Arithmetic mean</b>	<b>Unit of measurement</b>	<b>Variables</b>	<b>Year</b>	<b>Age</b>
٠.٧٣	٢.٥٠	١.٢٤٠٠	٢.٨٠	٠٠ degree	The skill of setting goals and lesson planning	Torsion coefficient
The skill of presenting and presenting the lesson implementing the ) (lesson	٠.٥٤١٢	٣.٠٠٥٠	١.٣٩٢٧	٣.٢٥٢١	degree	reparing The skill of p and equipping the place of the lesson
degree	The skill of using teaching aids	٠.٩٨	٢.٥٠	١.٢٢	٢.٩٠	degree

groups in the growth rates and physical variables under research, which indicates the equivalence of the .two groups in these variables

that (٣) It is clear from Table statistically significant -there are non ٠.٠٥ differences at the level of between the experimental and control

**Table (4)**  
**The significance of the differences between the experimental and control groups**

Evaluation skill	٠.٦٢ ١٤ = ن		٣.٠٠ ١٤ = ن		١.٤٥	٣.٣٠
	ع	٠.٦٥	١.٠٠	٠.٩٣		
<b>Unit of measurement</b>	<b>Variables</b>	٢.٧٩	١.١٥	٢.٦٤	<b>Degree</b>	<b>The skill of setting goals and planning lessons</b>
on	M	٣.١٤	١.٢٨	Value "T"	<b>Control group</b>	<b>Experimental group</b>
٠.٤١	٢١. year	١٦٣. poison	Age	٢.٥٧	٠.	٢١.
٠.٤	٦٦. kg	kg	Length	٠.٥٨	٠.	٢١.
			Weight	٠.٤٥	٥.٩٨	١٦٤.

ences at statistically significant differ between the ٠.٠٥ the level of

that (٤) It is clear from Table there are differences other than

Teaching SkillsThe skill of setting goals and planning the lesson - the skill of preparing and preparing the lesson place - The skill of presenting and presenting the lesson (implementing the lesson) - The skill of using teaching aids - Evaluation skill) provided that Dividing the total score by three to calculate the student's degree in skills Teaching is under way Search This was done through the evaluation form prepared for this Appendix (3) , which was presented to a group of experts in teaching methods, and they indicated the validity of the evaluation form.

Fourth: High Intelligence Test prepared by / Mr. Mohamed Khairy (2002)(3): Appendix (4)

This test aims to measure high intelligence, as it measures the ability to judge and conclude through three types of situations: verbal situations, numerical situations, situations dealing with drawn shapes, and this test is suitable for measuring intelligence for university educational levels, and it has already been codified on similar samples.

Scientific transactions (truthfulness - stability) for the tests under research:

Honesty coefficient :

The researcher calculated the honesty coefficient to verify the

experimental and control groups in the level of performance of some teaching skills (the skill of setting the skill of -goals and lesson planning preparing and equipping the place of sending and the skill of pre -the lesson presenting the lesson (implementing the skill of using -the lesson) ,(the skill of evaluation -teaching aids which indicates the equivalence of the .two groups in these variables

:Data collection tools

First: Devices and tools used in

:rchresea

Rastamir device to measure height - .and weight

.Computers and accessories -

- Stopwatch.

- Teaching methods hall in the college with its various devices.

Third: Evaluating the level of performance of the teaching skills under research:

It's done Evaluation of the level of performance through a committee consisting of (3) faculty members in the Department Teaching Methods At the college \* Appendix (2) with the degree calculated from (10) Grades for each skill from

**\* Experience of not less than (10) years after obtaining the degree of Doctor of Philosophy in the field of kinetic expression.**



on a sample of (32) Freshman From the research community and outside the sample Basic , and a table (5) illustrates That.

validity of physical tests and intelligence test by The truth of differentiation , so as to find the coefficient of honesty Tests Physical and intelligence under consideration

**Table (5)**

**Arithmetic mean, standard deviation, value (T) and its significance between each of the upper quartile**

degree	wits ن = 8		0.78 ن = 8		4.	67.
	ع	0.31	5.01	30.00		
Experim ntal group	Unit of measureme nt	Variables	2.77	31.25	degree	Degree

Stability coefficient :

**Table (6)**

**Correlation coefficient between the results of the first and second applications of physical tests and intelligence test**

M	Thesecond application		The first		measu remen t	Control group
	degree	The skill of setting goals and lesson planning	ع	on		
3.07	degree	The skill of preparing and equipping the place of the lesson	0.32	1.21	2.79	1.15

Physical Education - University of Sadat City.

Second: Foundations of e-booklet design:

- 1- Easy access to the electronic booklet as well as the exitfrom it.
- 2- Providing the information contained in the electronic booklet in an integrated framework and using all the student's senses.

Proposed e-booklet :

First: The purpose of the e-booklet:

- 1- Learn and master some of the skills of ballet (the skill of setting goals and planning the lesson - the skill of preparing and equipping the place of the lesson - the skill of presenting and presenting the lesson (implementing the lesson) - the skill of using teaching aids - the skill of evaluation) for fourth-year students at the Faculty of

determining the way to proceed in a way that contributes to achieving the objectives of the electronic booklet.

The electronic booklet was prepared in its initial form, and presented to professors of teaching methods and teaching methods in the faculties of physical education Appendix (5), with the aim of polling their opinion on the general objective of the booklet, the foundations of the booklet development, the content of the booklet, the validity of the booklet for application, and experts have indicated some necessary amendments so that the booklet becomes Applicable to the application.

**Time distribution of the e-booklet:**

- 1- The time period for applying the research experiment is (6) weeks.
- 2- The time of the proposed educational unit is (55) minutes, which was divided as follows:
  - Watch the e-booklet (10) minutes.
  - Physical preparation (10) minutes.
  - Educational and applied part (35) minutes.
- 3 – The number of educational units is one educational unit per week
- 4 - The total number of educational units (6) units

The researcher indicates that the rest of the time of the educational unit (35) minutes to teach the rest of

- 3- Challenging the content of the electronic booklet for the abilities of learners taking into account individual differences, and raises his motivationn to learn.
- 4- Fit the size of the video or illustration window to the screen size until the clarity of the image is achieved.
- 5- Combining text and image on one page.
- 6- Providing the opportunity for all learners to practice and work simultaneously and progress in their learning to achieve the goal in a sequential manner.
- 7- Do not use stark colors.
- 8- Using the final evaluation of the electronic booklet by providing a final test to ensure that students achieve the general objectives of the bookB.

**Third: The content of the electronic booklet:**

The process of determining the content of the electronic booklet is one of the most important steps in building and designing the electronic booklet, and this importance is represented in choosing the educational steps, exercises, facts and information related to teaching the teaching skills under research, as well as determining video clips, illustrations, and other educational materials that have been chosen, and

#### Dimensional measurements :

It's done Making dimensional measurements For the experimental and control groups at the level of performance Balinese skills under research, on day 20/11/2023 in the same order and conditions as the tribal measurements.

#### Statistical methods under research:

**To process the data statistically, the researcher used the following statistical methods:**

- *Arithmetic mean.* - *Standard deviation.*- *Median.* - *Torsion coefficient.*- *Simple correlation coefficient.* - *Test "T".* - *Improvement rates.*

#### Presentation and discussion of results:

First : Presentation and discussion of the results of the first hypothesis:

the course of teaching methods to the fourth year students of the college, has been using the method of learning by commands in teaching the remaining skills.

#### Pre-measurements:

Prior measurements were made for the experimental and control groups in the level of performance of the worn skills under research, during the period from 7/10/2023 to 9/10/2023

#### Application of the proposed e-booklet:

It's done Apply content E-Brochure (Appendix 6) on experimental group members In the period from 13/10/2023 to 19/11/2023 ‘ Done Distributed on (6) Weeks Aincluded (6) Modules By Educational Module in one week The control group also followed the command-by-command learning method (Appendix 7).

**Table (7)**  
**The significance of the differences between the pre- and post-measurements of the experimental group**

**n = 14**

The skill of presenting and presenting the lesson (implementing the lesson)	0.14		1.35		3.14	1.28
	0.31	1.18	2.71	1.14		
<b>Evaluation skill</b>	<b>0.40</b>	<b>1.31</b>	<b>3.21</b>	<b>1.39</b>	<b>3.00</b>	<b>degree</b>
<b>14.93*</b>	<b>0.42</b>	<b>0.89</b>	<b>1.07</b>	<b>0.82</b>	<b>0.93</b>	<b>degree</b>
<b>15.01*</b>	<b>0.95</b>	<b>8.93</b>	<b>1.14</b>	<b>2.57</b>	<b>degree</b>	<b>The skill of presenting and presenting the lesson (lesson implementation)</b>
<b>14.28*</b>	<b>0.92</b>	<b>9.86</b>	<b>1.39</b>	<b>3.00</b>	<b>degree</b>	<b>Skill in using educational media</b>
<b>Lower Spring</b>	<b>Sprin g Top</b>	<b>Unit of measurement</b>	<b>Tests</b>	<b>0.93</b>	<b>degree</b>	<b>Calendar skill</b>

**Tabular value of "T" level 0.05 = 2.160 \* D at level 0.05**

the skill of preparing and equipping the place of the lesson - the skill of presenting and presenting the lesson (implementing the lesson) - the skill of using teaching aids - the skill of evaluation) in favor of the post-measurement.

It is clear from Table (7) that there are statistically significant differences at the level of 0.05 between the pre- and post-measurements of the experimental group in the level of performance of some teaching skills (the skill of setting goals and planning the lesson,

**Table (8)**  
**Percentage of improvement between the pre- and post-measurements of the experimental group**

on	measurement		Pre-post		measr uing unit	Value "T"
	31.25	degree	wits	م		
<b>240.91%</b>	<b>0.91</b>	<b>9.00</b>	<b>1.15</b>	<b>2.29*</b>	<b>2.53</b>	<b>28.00</b>
<b>218.89%</b>	<b>Value of "t"</b>	<b>Second applicati on</b>	<b>First applic ation</b>	<b>Unit</b>	<b>Varia bles</b>	<b>The skill of preparing and equipping the lesson location</b>
<b>wits %</b>	<b>0.95</b>	<b>on</b>	<b>M</b>	<b>on</b>	<b>M</b>	<b>The skill of presenting and presenting the lesson (lesson implementation)</b>
<b>228.67%</b>	<b>0.455*</b>	<b>4.88</b>	<b>30.41</b>	<b>4.73</b>	<b>29.90</b>	<b>degree. degree</b>
<b>760.22%</b>	<b>1.01</b>	<b>8.00</b>	<b>0.82</b>	<b>0.93</b>	<b>measr uing unit</b>	<b>Calendar skill</b>

THE STUDY OF: MUHAMMAD KAMAL AL-DIN AL-BAROUDI (2009) (18), SHEPPERD ET AL. SHEPPERD, ET., AL (2015)(29), RASHA YAHYA AL-SAYED (2024) (7), YAHYA ADEL AHMED (2024) (22) ON THE EFFECTIVENESS OF USING THE INTERACTIVE ELECTRONIC BOOKLET IN LEARNING AND MASTERING MOTOR SKILLS IN INDIVIDUAL AND TEAM SPORTS.

IN THIS REGARD, MUHAMMAD ZAIN AL-DIN (2014)(14) INDICATES THAT E-BOOKS HAVE ACHIEVED GOOD RESULTS AT THE GLOBAL LEVEL, AND THE EMERGENCE OF THEIR POSITIVE IMPACT IN SUPPORTING THE EDUCATIONAL SYSTEM AND RAISING ITS EFFICIENCY, AS THEY ARE CHARACTERIZED BY A SET OF IMPORTANT CHARACTERISTICS IDENTIFIED IN THE FOLLOWING : THE PRESENCE OF MULTIPLE MEDIA OF TEXTS, IMAGES, DRAWINGS, SOUND AND ANIMATED FILMS, AND HAS A HIGH RATE OF INTERACTIVITY WITH THE READER, COMFORTABLE AND CAN BE CARRIED AND NAVIGATED, AND ACHIEVE THE PRINCIPLE OF CONTINUING EDUCATION, AND THE LOW COST OF ITS DISTRIBUTION TO A LARGE EXTENT, AND THE ABILITY TO CONTROL THE FORM OF PRESENTATION WITH DIGITAL FEATURES FOR TAKING NOTES AND SEARCHING.

THE RESEARCHER ATTRIBUTES THE IMPROVEMENT IN THE level of performance of some teaching skills of the experimental group to the effectiveness of the use of the interactive electronic booklet, and what it contains from the written text, illustrations, video clips and sound effects, which enable the learner to interact with the e-book, which effectively affects the receipt of information, and absorb it in a way that allows each student to receive information according to her abilities and self-speed, and this is consistent with what Shiratuddin and others pointed out . et., al (2006)(30) that there are many positive benefits of e-books compared to their paper counterparts as they display written text on the screen, connect the textual elements and components of digital content with multimedia along with allowing readability on mobile devices, and provide users with the necessary support in the form of hyperlinks that enable them to access more additional external learning resources available on the Internet, and thus contribute to meeting a variety of needs of Teaching and learning by providing students, teachers and faculty alike with cutting-edge, rich, digital content.

THIS RESULT IS ALSO CONSISTENT WITH THE RESULTS OF

lesson planning, the skill of preparing and equipping the place of the lesson , - the skill of presenting and presenting the lesson (lesson implementation) - the skill of using teaching aids - ( the skill of evaluation in favor of the post-measurement).

THUS, THE VALIDITY OF THE FIRST HYPOTHESIS, WHICH STATES: "THERE ARE STATISTICALLY SIGNIFICANT DIFFERENCES BETWEEN THE AVERAGES OF THE PRE- AND POST-MEASUREMENTS OF THE EXPERIMENTAL GROUP IN THE LEVEL OF PERFORMANCE OF SOME TEACHING SKILLS (the skill of setting goals and

Second : Presentation and discussion of the results of the second hypothesis:

**Table (9)**

**The significance of the differences between the pre- and post-measurements of the control group**

**n = 14**

"ت"	measurement		Pre-post		measuring unit	Variables
	ع	م	ع	م		
12.52*	0.88	8.14	1.21	2.79	degree	The skill of setting goals and planning lessons
13.16*	0.80	8.88	1.35	3.14	degree	The skill of preparing and equipping the lesson location
Unit of measurement	Variables	8.00	1.18	2.71	degree	The skill of presenting and presenting the lesson (lesson implementation)
on	M	9.00	1.31	Value "T"	Telemetry	Pre-measurement
1.15	2.64	degree	The skill of setting goals and lesson planning	1.07	on	M

**Tabular value of "T" level 0.05 = 2.160 \* D at level 0.05**

group in the level of performance of some teaching skills under research in favor of the post-measurement.

It is clear from Table (9) that there are statistically significant differences at the level of 0.05 between the pre- and post-measurements of the control

**Table (10)**  
**Percentage of improvement between the pre- and post-measurements of the control group**

degree	The skill of preparing and equipping the place of the lesson		15.17*			
	The skill of presenting and presenting the lesson (implementing the lesson)	14.93*	0.83	9.79	0.91	9.00
degree%	The skill of using teaching aids	15.01*	0.95	8.93	1.14	2.57
degree%	Evaluation skill	14.28*	0.92	9.86	1.39	3.00
195.20%	0.89	17.64*	1.01	8.00	0.82	0.93
Telemetry	Pre-measurement	Unit of measurement	Variables	3.21	degree	Skill in using educational media
on%	M	on	M	1.07	degree	Improvement rate

body during the learning process, this is available in the method of learning by commands (traditional method).

**This result is consistent with what was pointed out by: Nahed Saad and Nelly Fahim (1998)(19), Jose Harrison Joyce (2002)(28) that the teacher in the style of learning by command gives the educational material in a logical form, allowing students to remember and the possibility of applying it quickly, and in which a large amount of the course can be completed in a short time, and achieves a minimum of scientific material for learners so that each learner can add to it as much as his effort, capabilities and energies.**

The researcher attributes the improvement in the level of performance of some of the teaching skills under research for members of the control group to the use of the method of learning by commands, which is based on regular practice, and providing the learner with knowledge and information through verbal explanation, which contributes to the acquisition of the learner perceptions necessary for motor performance, and increase the effectiveness of learning, and then change in behavior in accordance with the educational objectives set, and that the degree of performance of the learner depends on the teacher's ability to explain well, and skill performance of Where the correctness of the positions for each part of the

under research in favor of the post-measurement."

**Third: Presentation and discussion of the results of the third hypothesis :**

Thus, the validity of the second hypothesis, which states: "There are statistically significant differences between the averages of the pre- and post-measurements of the control group in the level of performance of some teaching skills

**Table (11)  
The significance of the differences between the two dimensional measurements of the experimental and control groups**

n = 14

1.15	2.64 ن= 14	Degree ن= 14		240.91	The skill of setting goals and lesson planning	Variables
	3.07	degree	The skill of preparing and equipping the place of the lesson			
1.14	2.57	degree	The skill of presenting and presenting the lesson (implementing the lesson)	218.89	0.83	9.79
1.39	3.00	degree	The skill of using teaching aids	247.47	0.95	8.93
0.82	0.93	degree	Evaluation skill	228.67	0.92	9.86
2.37*	0.93	9.00	0.92	760.22	1.01	8.00
Pre-measurement	Unit of measurement	Variables	1.01	8.00	degree	Calendar skill

**Tabular value of "T" level 0.05 = 2.056 \* D at level 0.05**

control groups in the level of performance of some teaching skills under research in favor of the experimental group.

It is clear from Table (9) that there are statistically significant differences at the level of 0.05 between the two dimensional measurements of the experimental and



Table (11)

Percentage of improvement between the two dimensional measurements of the experimental and control groups

14%*n* = 14

M	control group <i>n</i> = 14		Experimental group <i>n</i> = 14		Value "T"	Telemetry
	degree	The skill of setting goals and lesson planning	ع	on		
3.14	degree	The skill of preparing and equipping the place of the lesson	12.52*	0.88	8.14	1.21
2.71	degree	The skill of presenting and presenting the lesson (implementing the lesson)	13.16*	0.80	8.88	1.35
3.21	degree	The skill of using teaching aids	12.31*	0.89	8.00	1.18
1.07	degree	Evaluation skill	11.80*	0.93	9.00	1.31
14%	1.11	7.00	15.43*	1.11	7.00	0.89

activity on the part of the students, and this is what we do not find in the traditional method, and this is consistent with what was pointed out by: Ihab Darwish (2009) (5), Fahim Mustafa Mohammed (2014) (13) that e-books are one of the latest e-learning media, as they enjoy many advantages. One of the most important is the vital self-interaction, which pushes the learner to self-confidence, taking into account the individual differences between the learners, where each of them learns according to his abilities.

This finding is also consistent with the results of the study of: Soumya Mohamed Ahmed (2013) (8).

The researcher attributes the superiority of the members of the experimental group over the members of the control group in the level of performance of some of the teaching skills under research to the presentation of the course content through the interactive electronic booklet, which included many impressive technological aspects, placed in sequential logical order, which contributed to upgrading the level of their performance of the teaching skills under research, and making students in a continuous response during the educational process. According to their abilities, and make the lesson more interesting, which provoked purposeful self-

attention of the learner, and this is what the paper book lacks, which contributes to increasing the academic achievement of learners.

The researcher attributes the superiority of the members of the experimental group over the members of the control group to the fact that the e-book enjoys a great deal of excitement and suspense, which leads to attracting the attention of students and also includes a lot of colorful images and light effects that help students to perform correctly

Thus, the validity of the third hypothesis , which states: "There are statistically significant differences between the averages of the two dimensional measurements of the experimental and control groups in the level of performance of some of the teaching skills under research in favor of the experimental group."

### Conclusions:

In light of the results of the research, its objectives and hypotheses, and within the limits of the research sample, the researcher concluded the following:

1- The use of the interactive electronic booklet has a statistically significant positive impact at the level of (0.05) on the level of performance of some teaching skills (the skill of setting goals and planning the lesson, the

Ahmed Ali Siam (2015) (2) , Biography of the Editor ( 2024 )11) on Significance use E-Brochure in Learn and master Motor skills In individual and team sports Compared to the learning styleohAlmost over.

Atiyat Mohamed Khattab et al. (2006)(10) add that the modern trends of teaching methods call for distance from traditional methods of teaching such as explanation, indoctrination and presentation of the model, and the trend to use modern teaching methods to provide learners with skills, information and experiences to be obtained.

Illustrated by the table (11) The members of the experimental group outperformed the members of the control group in the rates of improvement of the distance measurement from the tribal in the level of performance of some of the teaching skills under research.

This result is consistent with what Mohamed Farid Ezzat (2012)(17) pointed out that the e-book perfectly simulates the traditional book, but in a virtual electronic environment characterized by more capabilities that cannot be obtained in the printing paper environment, in addition to that the e-book enjoys a great deal of interactivity, and suspense, which leads to attracting the

### Recommendations:

Based on the findings and conclusions, the researcher recommends the following:

- 1- Using THE INTERACTIVE ELECTRONIC BOOKLET to learn and master the teaching skills of fourth-year students at the Faculty of Physical Education - University of Sadat City.
- 2- The need to provide interactive e-books for all courses of teaching methods for students of faculties of physical education.
- 3- The interest of those in charge of the education process that the learner has an effective and pivotal role in the educational process, especially in the era of technological and cognitive explosion.
- 4- Training faculty members and their assistants in the Teaching Methods Division to build a special Home Page that includes their scientific material and ways to contact them to benefit from their experiences.
- 5- Conducting similar studies using the electronic booklet and knowing its impact on learning the rest of the different aspects in the courses of teaching methods.

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skill of preparing and equipping the place of the lesson - the skill of presenting and presenting the lesson (implementing the lesson) - the skill of using teaching aids - the skill of evaluation) for fourth-year students at the Faculty of Physical Education - University of Sadat City.

- 2- The method of learning by commands has a positive impact statistically at the level of (0.05) on the level of performance of some teaching skills (the skill of setting goals and planning the lesson, the skill of preparing and equipping the place of the lesson - the skill of presenting and presenting the lesson (implementing the lesson) - the skill of using teaching aids - the skill of evaluation)) for fourth-year students at the Faculty of Physical Education - University of Sadat City.

- 3- Increasing the effectiveness of the interactive electronic booklet on the method of learning by commands in positively influencing (dimensional measurement) on the level of performance of some teaching skills under research.

- 4- The superiority of the members of the experimental group over the members of the control group in the rates of improvement of the measurement of distance from the tribal in the level of performance of some of the teaching skills under research.

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