



Science, Movement and Health, Vol. XIV, ISSUE 2 Supplement, 2014
September 2014, 14 (2, Supplement): 555-559
Original article

THE EFFECT OF ELECTRONIC EDUCATIONAL PROGRAM IN LEGAL KNOWLEDGE AND REFEREEING PERFORMANCES ARBITRAL FOR FUTSAL FOR BEGINNERS

RAED FAEQ ABDUL JABBIER¹, MAJEED KHADAYAKHESH¹

Abstract

Aim: Preparation of an educational program in electronic legal knowledge and performance arbitral. Identify the impact of electronic educational program in legal Knowledge and refereeing performances arbitral for futsal for beginners. Identify the differences in the results of the tests before and after between the control group and the experimental variables in the search.

Method: while the research community has determined students third stage / Department of Physical Education Basic / University of Sulaymani, totaling 39 students divided into two divisions (A) and (B) were selected Division (B) sample research a random lottery style's (20) students were divided into two groups by the sample (10) students per group, The parity was conducted for groups of legal knowledge and performance award, the experimental group learn manner disks, which include electronic materials futsal law and how to apply them in the yard playing either the control group to learn in a traditional Method, the program prepared It is a law of futsal materials lounges have been photographed filming bale and then burn them to (CD) and presented to the experts and then distributed to the experimental group that you will learn in this way, Gave researchers two units induction of the sample and then a pre-test for the collection of knowledge and performance award and the application of the approach by (8) units and then a post-test was reached several conclusions

Results: the control group, the value of (T) calculated for variables of cognitive achievement and performance a legal arbitral is the smallest of levels of significance (0.05) this means that the significant differences between the results of pre and post tests and in favor of the post. The experimental group, the value of (T) calculated for variables of cognitive achievement and performance a legal arbitral is the smallest of levels of significance (0.05) This means that the significant differences between the results of pre and post tests and in favor of the post. the experimental and control groups, the value of (T) calculated for variables of cognitive achievement and performance a legal arbitral is the smallest of levels of significance (0.05) this means that the significant differences between the results of the post tests and in favor of the experimental group.

Conclusion: appeared to use the techniques of computer technology and the goal is to positively impact the development of cognitive achievement and performance award with Experimental group. Appeared to use the techniques of computer technology and the goal is to positively impact the development of cognitive achievement and performance award with Experimental group. Appeared to use the techniques of computer technology and the goal of more effective compared to the traditional method used in the learning process for the development of cognitive achievement and performance award for the research sample

Key words: Electronic educational, and refereeing performances arbitral , futsal for beginners.

Introduction

The world is experiencing a revolution in technology, especially the world of electrons as it has become one of the means necessary to help rights in all areas of his life and cannot be dispensed with because it is conducive to learning and expand the perceptions of learners through the display means multiple and that are easy to use and can be used everywhere with ease, "as the teacher can use many electronic educational devices help him achieve his goals for education by relying on multiple devices, including movies and audio-visual aids, and so on to achieve the greatest degree of learning. (Al-Janabi, 1993).

The process of diversity in the styles modern learning is a conflict against time to shortcut the process of teaching students the best way and achieve the goals required of course, is futsal of games that

received global attention in most countries of the world being a popular game and wants to practice and watch most of the age groups and both sexes "(Zuhairi, 2009).

The decisions of the curricula Physical Education, which is considering the substance of arbitration, which is difficult for students of the specificity of some of their material, and in order to succeed referee in the administration of the matches should have the legal knowledge of the game and the practical application derived from practice and watch the many cases of arbitration as well as other staples such as personal fitness physical and health condition, Now a student at graduating from college will face professional life in the schools, which requires him to arbitration are many games that should be aware of all the legal materials in theory and has skill in the management of matches in order to succeed and shine

¹ Faculty of Physical Education and Basic Faculty of Ph. Ed. and Basic, University of Suleiman University of Suleiman, IRAQ
Email address: dr_raedsport@yahoo.com majeedSPORT@yahoo.com
Received 29.03.2014 / Accepted 10.05.2014



and achieve justice and win the confidence of the players so deliberately researchers to prepare an educational program using modern technology through the computer, and here lies the importance of the research.

The process of preparing the students and teach them the law of Futsal as a subject in the third year of a difficult process need to be a high possibility of the subject teacher in order to be able delivering legal knowledge into the minds of the students and the possibility of success in the management of the games, Especially if we know that the game of Futsal is one of the games, which are conducted its championship school each year and cost the school material Physical Education judged these games so must be setup process enjoys a high standard of workmanship based on the advanced technology of filming a video display means display sophisticated so is the problem of searching through the following questions: Is the use of e-learning will affect the learning of legal knowledge and performance arbitral among a sample search.

Experimental protocol

The researchers used the experimental method to design the two groups equal to the control and experimental suitability and the nature of the research. Have been identified research community of third-year students of the school students in the Department of Physical Education - basic - Sulaimaniyah University for the academic year 2013 - 2014's (39) - Divided on (2) two divisions (A - B) and that the material Arbitration futsal are their courses of study for students this year, Was selected research sample of Division (b)'s (20) students were divided into two groups, a control and experimental of (10) students per group note that the process of selection of the sample and divided were using the random method and style of the draw and the percentage of respondents (51.29%), (Note that the sample is homogenous in terms of age and lack of exercise Arbitration earlier and not those of the club player), was conducted for the two groups control and experimental parity in the variables of

search legal knowledge and performance arbitral and appeared to have differences randomized results of the tests and the table below shows that.

In order to identify the legal knowledge of the students adopted the researchers to test for cognitive achievement trophy (Stephenson ,2001), which consists of 30 questions to be answered through multiple choice gets lab-on-one degree at correct answer and zero at the wrong answer.

Either evaluate the performance of the arbitration shall be summons during the filming of the students and presented to the arbitration Chiropractors □□ in order to give grades to students note that the highest score (30) degrees. the researcher to conduct an exploratory to make sure the legal knowledge test on a sample of (5) students from the Division of (a) who were excluded from the sample dated 6/10/2013, and the goal of the experiment: See how individuals understand the research sample of the content of the questions. - Knowledge of the extent and clarity of test instructions and paragraphs. - Determine the time it takes for the test

The researchers designed a tutorial electronic depending on the decision of the curriculum for substance football halls for students of the school year the third consisting of international law for the football lounges, which include (17) Material bar the material (11), it has not been touched upon in international law and that the lack of substance to infiltrate in the rules of the game.

Data Analysis

The data distribution was tested with the Kolmogorov-Smirnov test. The statistics of variables were briefly reported by using mean and standard deviation. The groups were compared with one-way analysis of variance (SPSS) and to determine the source of the differences Tukey HSD test was conducted since the variances were homogeneous. An independent samples t-test was used for two-group comparisons. Significance level was taken as 0.05.

Results

Table 1. Comparison of Reaction Time Scores According to Age Categories.

<i>Variable</i>	<i>Tests</i>	<i>n</i>	<i>X±SD</i>	<i>F</i>	<i>p</i>
Cognitive achievement a legal	Pretest	9	5.30 ±1.49 ^a	14.71	0.000*
	Posttest	9	17.40 ± 2.63 ^b		
Performance arbitral	Pretest	9	6.00 ± 1.55 ^b	17.51	0.000
	Posttest	9	15.50 ± 1.58 ^b		

Upon the degree of freedom (9) the level of significance is less than or equal to (0.05).

Seen from the table above in connection with the control group, the value of (T) calculated for variables of cognitive achievement and performance a legal arbitral is the smallest of levels of significance

(0.05) this means that the significant differences between the results of pre and post tests and in favor of the post



Table 2. Comparison of Reaction Time Scores According to Status

<i>Variable</i>	<i>TesTs</i>	<i>n</i>	<i>X±SD</i>	<i>t</i>	<i>p</i>
Cognitive achievement a legal	Pretest	9	5.60 ± 1.07	24.16	0.000
	Posttest	9	20.90 ± 1.52		
Performance arbitral	Pretest	9	5.50 ± 1.08	29.44	0.000
	Posttest	9	21.60 ± 2.07		

**p<0.05

Seen from the table above regarding the experimental group, the value of (T) calculated for variables of cognitive achievement and performance a legal arbitral is the smallest of levels of

significance (0.05) this means that the significant differences between the results of pre and post tests and in favor of the post.

Table 3. Comparison of Reaction Time Scores According to Gender

<i>Variable</i>	<i>TesTs</i>	<i>n</i>	<i>X±SD</i>	<i>t</i>	<i>p</i>
Cognitive achievement a legal	Pretest	18	17.40 ± 2.63 ^b	7.416	0.000
	Posttest	18	20.90 ± 1.52		
Performance arbitral	Pretest	18	15.50 ± 1.58 ^b	3.933	0.000
	Posttest	18	21.60 ± 2.07		

**p<0.01

Seen from the table above regarding the experimental and control groups, the value of (T) calculated for variables of cognitive achievement and performance a legal arbitral is the smallest of levels of significance (0.05) this means that the significant differences between the results of the post tests and in favor of the experimental group.

Discussion

Seen from the tables (1-2) that there are significant differences between pre and post tests for the control and experimental groups that applied to them electronic educational program, and researchers attribute the reason for this is to:

The program of educational electronic materials legal Futsal under study excellence by numerous pros that led to the emergence of significant difference in the side of the collection of knowledge of legal, since the use of the computer as a means for display may be provided to the learner enough time acceptable to the needs of the learner debutante which became has the right time to perform the operation the focus of attention, as it (the time to focus attention associated with several variables, including the amount of effort involved in absorbing performance motion) (Frahat, 2001).

The use of the learner's computer as an educational tool has led to improve the capacity of the focus has, since to draw attention to a specific area, rather than a wide range, because

the focus of attention Designated leads the learner to be vigilant of any has the ability to direct his attention toward a small area or one particular thing (Salary, 2000).

That the use of techniques technology helps to spread the spirit of competition and increase the capacity to focus on the content of Article cognitive Legal helping the learner to overcome some ideas unwanted that occur during the lesson as a result of the debate among the educated side, accompany the process of concentration of attention, so must try to overcome on these ideas, leading to noise, since the intermittent sounds that rotates among the educated affect the weak capacity of concentration and observation (Melegy, 1968).

The use of such a method helps learners to acquire the expertise knowledge and arbitral variety of educational through interaction with technology -Tec electronic educational goals are diverse educational and practice and practical application, that the use of this technique reduces boredom and increases the spirit of competition and the thrill of knowing that fit the needs of learners and their interests and abilities, in addition to the possibility of improving the quality of feedback that originates from the learner himself to improve and develop teaching methods of legal materials, and that e-learning provides various alternatives to provide learners



with feeding due continuous observation through the senses increases

Concentration attention on the performance of the arbitration theory and practice at the same time . Because the note is one of the methods of feedback that increase the performance of any educated observation and meditation affect the focus of attention and the ability to recognize the educational materials to be (Zaki et al, 2002).

Seen from the table (3) and private tests comparing the two groups in the post in the collection of knowledge of legal and arbitration that the performance difference was significant for the experimental group, the researchers attribute the reason for this is to:

The tutorial - electronic user helped to deliver all the information and paragraphs cases involving legal materials for the football game Foote contacted by supply electronic material legal and paragraphs and how to decide when errors and irregularities by computer, any accompanied by commentary accompanying the performance, which helped educated in how to take a decision and their awareness and understanding of the substance of legal.

The computer provides educational material to train and incorporate appropriate to the capacity of learners and provides opportunities for interaction and dialogue education , including , as it can be educated of the selection and implementation of activities and experiences appropriate to their interests and desires , with the provision of colors , sounds and moving images, making the learning process more fun (Al Sharhan, 2002).

The presentation of the material legal concurrent with the explanation together, led an active role in increasing the legal knowledge and deliver it to the minds of learners, and contributed to the development of duty arbitration and understanding, and led to the assimilation of legal and acquisition clearly, because the construction of electronic programs help create curriculum privileged use sound and movement image and text together as the necessary requirements in learning techniques to provide technology that evolved from visual concepts, and should coincide with the e-learning presentation and explanation accompanied by text that includes verbal clarify the relationship between the relative supply and texts (Al-Mousa , 1999) .

When the comparison between the two groups , we note that the experimental group used twice senses sighted and blind inside modules , which was another reason for their excellence , " the greater the number of catalyst exciting the senses involved in the completion of the process of teaching and learning , whenever Ada that activate memory in the form of good and perform

movements arbitration to be learned in better , leading to directed learning process better and more accurate as a result of remembering and attention .

Since the use of techniques of technology and objective computer leads to prolong the period of remembering and reduce forgetfulness any retention have performance and proficiency rather than lead to the perception of performance the workmanship and legal materials, making it easier Achieving maximum possible educational adequacy (Abdul-Jabbar ,2008) .

Conclusions

By the results of the tests that have emerged and that the researchers were discussing reached several conclusions as follows:- appeared to use the techniques of computer technology and the goal is to positively impact the development of cognitive achievement and performance award with Experimental group.

Appeared to use the traditional method (used) also has a limited impact on the development of cognitive achievement and performance award with the control group. appeared to use the techniques of computer technology and the goal of more effective compared to the traditional method used in the learning process for the development of cognitive achievement and performance award for the research sample .

References

- Al-Janabi , Asia Kazem., 1993, Show by the impact of audiovisual devices on motor performance in rhythmic gymnastics), Master Thesis , University of Baghdad.12.
- Salary, Osama full., 2000,) sports psychology , 3rd floor , Oman , Dar Arab Thought.362.
- Al Sharhan, Jamal bin Abdul Aziz., 2002,e-book and E- school teacher and the default " Press Homaidhi , Riyadh,116.
- Melegy, Helmi., 1968, psychological measurement in Alsnaaah , Cairo , Dar Knowledge, 115.
- Abdul-Jabbar, raed faeq., 2008, The effect of different times to display the form according to the most important variables in learning effectiveness Albeomkanikih long jump for students , Journal of the Science of Physical Education - University of Babylon - College of Education, Sports , No. (8) Volume (first) in, 123.
- Zuhairi, spring behind., 2009, design and construction of tests to measure some elements of special fitness for five



- football players , Unpublished MA Thesis , Faculty of Physical Education , University of Mosul ,12.
- Al-Mousa, Abdullah., 1999, Second question the approach proposed model for the development of education curricula in Saudi Arabia over the Internet , research presented to the eighth annual meeting of the Saudi Society for Educational and Psychological Sciences , King Saud University Journal . , P32.
- Abdulj abber, Zaki and others., 2002, swimming tactic - Education - Training - save , Dar Arab Thought for publication and distribution , Cairo,53.
- Frahat, - layla Al saeed., 2001, measurement of cognitive Sports: Knowledge House, Cairo,190..
- Stephenson, John., 2001, Teaching& Learning Online pedagogies for New Technologies" Kogan page, London, 7.