

## The role of modern educational technologies in modifying the value behavior of the practitioners of sport

دور تقنيات التعليم الحديثة في تعديل السلوك القيمي للتلاميذ

الممارسين للرياضة

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### Abstract:

This study aims to identify the role of modern education techniques in modifying the value behavior of athletes from the third year of high school, based on the analytical descriptive approach of a random sample of 100 students. The questionnaire was used. The most important results were modern education tools in the sport class modifying the value behavior of pupils, and The most important recommendations are to follow up on modifying the value behaviors of pupils in the sport class.

**Keywords :** Modern educational technologies; third secondary pupils; value behavior.

### ملخص:

تهدف هذه الدراسة التعرف على دور تقنيات التعليم الحديثة في تعديل السلوك القيمي للرياضيين من تلاميذ السنة الثالثة ثانوي، اعتمد على المنهج الوصفي التحليلي لعينة عشوائية من 100 تلميذ، تم استخدام الاستبيان، كانت أهم النتائج أدوات التعليم الحديثة في حصة الرياضة تعدل السلوك القيمي للتلاميذ، وأهم التوصيات العمل على متابعة تعديل السلوكات القيمة لدى التلاميذ في حصة الرياضة

كلمات مفتاحية: التقنيات التعليمية الحديثة، تلاميذ الثالثة ثانوي، السلوك القيمي،

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## 1. INTRODUCTION

Sport is a socio-cultural system, and social values play a prominent role in sport, so ethics and principles apply in stadiums and sports fields,

Sports physical activity is an activity that takes into account the preparation of the good individual in all its skillful, physical, cultural and behavioral aspects, so the individual is raised in a healthy body and mind with high values and morals and thus can keep pace with the age in which he lives and his influence on society is positive.

The changes caused by sports activity can be observed by following up the effect of the use of modern technologies on the educational process that depends on sports activity.

For students, if their mathematical behavior is characterized as educational behavior consistent with the values of society.

Hence, the importance of this study is evident in the role of modern educational techniques in modifying the value behavior of practitioners of sport For third year secondary school students

Throughout the school years, which include the primary and intermediate stages, believing in the great role of the students who are the pillar of the nation and its future leaders and who will contribute to achieving the desired cultural and social changes.

## 2- the study Problem:

Modern educational technologies have an important role in presenting the forms of sports culture that emphasize uplifting the human conscience and concerned with his behavior and gaining him the right manners and the original principles, and physical sport activity in its educational image is an important

field of education and a strong influence in preparing the good citizen and giving him the desired energies and competencies to form a better society. .

From what the researcher noticed that the educational mathematical behavior of the pupils did not receive much attention, although it is the interface that reflects the educational and educational validity, the problem of this research and the following questions appeared:

What is the role of modern educational technologies in modifying the value behavior of those who practice sports in the third year secondary phase?

In your capacity as a professor of physical education and sports, do garden technologies have a role in modifying the value behavior of sports practitioners from the third year of high school through the physical education and sports class?

### **3- The hypothesis of the study:**

There is an effective role for modern educational technologies in modifying the values of the values of those who practice sports in the third grade of secondary school.

### **4- Objectives of the study:**

1. Knowing the extent of the contribution of modern educational technologies in modifying the value behavior of high school students.

2. Identify the contribution of modern technologies in modifying the value of sports behavior in the fields of physical education and sports for the sample members.

3. Confirmation of educational sports behavior in the physical education lesson and when practicing internal and

external sports activities.

4. Knowing what are the modern educational technologies applied in secondary schools to modify the value behavior of the pupils.

## **5- Defining study terms :**

### **5-1- Modern technologies:**

are the science concerned with the process of systematic application of research and theories and the employment of human and non-human elements in a specific field to address its problems and design appropriate scientific solutions to them, develop, use, manage and evaluate them to achieve specific goals.

It is also known as a human effort and thought, and the application of information and skills to solve human problems, provide for his needs and increase his capabilities.

### **5-2- Evaluation:**

It is an ongoing and necessary process intended to evaluate teaching, methods, methods, and methods used to know their effectiveness (Al-Tamimi, 2010, pg, 10)

### **5-3- Behavior:**

It is any physical, mental, social and emotional activity that occurs by the organism as a result of the dynamic relationship and interaction between it and the surrounding environment.( Abu Jadu, 1998,pg, 300).

### **5-4- Educational Sports Behavior:**

It was defined procedurally as: “The behavior shown by students

and indicating the experience they gained through their practice of sports education with all its development of intellectual, emotional, value, skill and physical abilities, and the individual manifests it in the form of an observable and measurable performance through the associated sports educational behavior. With different positions on sporting events. "

### **5-5- Adolescence:**

Adolescence is defined as the time when biological transformation takes place and there are those who confuse puberty and adolescence, so it must be distinguished between them. Adolescence is a progression towards maturity, completeness and puberty, meaning the sexual organs and the completion of their functions (El-Bahi, 1982, pg, 275)

### **6- Uses of evaluation in the field of sports:**

measuring achievement, motivation, selection, classification, division, diagnosis, guidance and counseling, prediction, scientific research, grading evaluation, program evaluation, evaluation of teaching and training methods, evaluation of sports organizations, evaluation of the role of means of communication in sports media, Evaluating the role of public relations in the sports field, evaluating the teacher or coach, evaluating the student or player (Essam El-Din, 2005, pg, 33).

**7- Calendar dimensions:**

- ✓ Behavioral and moral qualities: A spirit of determination and will, courage, honesty, team spirit, respect for competitors.
- ✓ Mental abilities: intelligence, speed of sound decision-making, ability to act in critical circumstances.
- ✓ Anthropometric measurements: height, weight, symptoms, circumference, fat thickness ratio.
- ✓ Physical fitness components and kinetic fitness: the physical characteristics specialized in a specific sport such as strength, speed, stamina, flexibility, agility, and its components such as velocity elongation, force characteristic of velocity ... etc.
- ✓ Skill and planning capabilities related to the game.

**8- Tools and orthodontic means used in the mathematical field:**

- ✓ The Referendum - Questionnaire (Beliefs - Trends - Trends).
- ✓ The interview - interview (social taboos).
- ✓ Observation.
- ✓ Measurement, testing and evaluation measures included.
- ✓ Case study.
- ✓ Morphological measures.
- ✓ Analysis of documents and reports.
- ✓ Electronic devices.
- ✓ Measures of social relations.(tamer, 2012, pg, 9)

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## **9- The importance of studying behavior in the sports field:**

Behavior is the only source that can be observed in the individual. We cannot infer mental activities, feelings and ideas except through behavior, as it is an objective description of what comes out of the individual, whether it is a dynamic action or an intellectual activity. We also find the behavior of the athlete represented in a succession of actions and reactions that emanate from him during his continuous attempts to achieve his goals and satisfy his evolving and changing needs.( Saad Nahed, 1998, pg, 239).

## **10- Field procedures of the study:**

### **10-1- Research Methodology :**

The researcher used the descriptive analytical method to suit the nature of this study.

### **10-2- research community:**

It represents the social category for which the study is to be established. It consists of 400 secondary school pupils in some secondary schools in the city of Djelfa.

### **10-3- The research sample:**

The sample is the miniature unit that represents a real representation of the research community that the researcher can do as a result of the entire study of his research on it. A random sample of 100 students in the third year of secondary school.

## **11- Information gathering tools for research:**

The researcher used the questionnaire through the open-ended questions.

## **Determinants of the questionnaire questions:**

The questionnaire questions are related to the fields of educational sport, and for that the researcher investigated the field of physical education and sports and two areas were obtained:

- The field of educational sport behavior within the physical education lesson.
- The field of educational sports behavior and indoor sports activity (inside the school).

**Statistical methods:**

- percentage method.
- Test adequately squared  $\chi^2$ .

**12- Presentation and discussion of the results:**

Presentation and analysis of the results of the questionnaire addressed to the pupils:

**The question:** Do you think modern technologies contribute to modifying the value behavior of those who practice sports for third year secondary school students?



**Table 1:** shows the frequency distribution, percentages and  $X^2$  of the results of the first question.

the answers	Repetition	percentage	$X^2$	Calculated $X^2$	Scheduled	The degree of freedom df	Significance level $\alpha$	Function
Yes	85	85 %	14,8	3,84	01	0,05	Function Statistically	
No	15	15 %						
<b>Total</b>	100	100 %						

**Source:** Prepared by the researcher based on the results of the questionnaire and the spss program.

Analyze the results of Table 1: Through our analysis of the students' answers, we notice that there are 85 students who emphasize the important role of modern technologies in modifying the value behavior of the practitioners of sport, i.e. 85%, and the remaining number, we find that there are 15 students who confirm otherwise, i.e. 15%.

And through the statistical treatment of the questionnaire by calculating  $X^2$  shown in the above table, we find that the calculated value of  $X^2$  is equal to 14.8, which is greater than the scheduled value of  $X^2$ , 3.84 at the degree of freedom 01 and the level of significance 0.05, and this explains the existence of statistical significance.

**the question :** In your capacity as a professor of physical education and sports, do garden technologies have a role in modifying the value behavior of sports practitioners from the third year of high school through the physical education and

sports class?.

**Table 2:** Shows the frequency distribution, percentages, and  $X^2$  of the results for the second question

the answers	Repetition	percentage	$X^2$ Calculated	$X^2$ Scheduled	The degree of freedom df	Significance level $\alpha$	Function
Yes	8	80 %	7,6	3,84	01	0,05	Function Statistically
No	2	20 %					
<b>Total</b>	10	100 %					

**Source:** Prepared by the researcher based on the results of the questionnaire and the spss program.

Through the results of Table 02: We notice that there are 8 professors who emphasize the important role of modern educational technologies in modifying and controlling the value behavior of those who practice sports from students at the level of the third year secondary school, i.e. by 80%, and we find that there are 2 professors who confirm otherwise by 20% .

And through the statistical treatment of the questionnaire by calculating  $X^2$  shown in the above table, we find that the calculated value of  $X^2$  is equal to 7.6, which is greater than the tabulated value of  $X^2$ , 3.84 at the degree of freedom 01 and the level of significance 0.05, and this explains the existence of statistical significance.

### **13- CONCLUSION :**

Through the analysis of the results of the study, it was revealed to us that there is a very important positive impact between the applications of modern education techniques in terms of skills and methods in the process of value adjustment of behaviors issued by students practicing sports in the third phase,

1. There is an important role for modern technologies in modifying the value of sports behavior among the sample members. In evaluating the field of sports physical activity, he studied physical education, sports and indoor sports activity.
2. There is a very important positive effect between the applications of modern technologies in the process of self-evaluation of students on the one hand, and in the teaching / learning process of the professor on the other hand.
3. The individuals of the research sample achieved a good level of the value behavior required by practicing sports activity.

### **13- Study recommendations:**

1. Confirming the importance of modern technologies in modifying the value of sports behavior within educational institutions.
2. Conducting studies on students from different stages of the educational system to modify their value-mathematical behavior during outdoor sports activities.
3. Allocating the time for the training program to educate students about the importance of valuable educational behaviors and to avoid the damages that may be caused in the

event of non-compliance with the apical behavior in the field of practicing sports activity.

4. Benefiting from the juvenile education program by including it in the paragraphs of the physical education lesson plans when the environmental conditions do not allow the physical education lesson to be performed in the squares and playgrounds.
5. Modern educational techniques of all kinds should educate students who are practicing sports.
- 6- Conducting studies and research similar to this topic related to modifications of value behaviors.

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