

*

(132 130) (262)

:

()

:

(0.05 = α) -1

()

(0.05 = α) -2

()

(0.05 = α) -3

-4

.1

*

.2008/1/15

2007/6/16

)

.(2006

International Computer Driving)

(Licence

.(2006

)

(2005)

.(2006

)

(2006)

.(1996

)

.(1993

)

(2003)

(2007)

(Stallings, 2004)

.(1998

)

(Taylor, 1980)

.(2005

)

.2

:

(0.05 = α)

)

()

(

.(Chang, 2002; Gunn, 2003)

-

)

.(2004

2006

Alharithy,1990)

(2002

: -6

2005/43

. 2006/2005

) -1

(

. 2006/2005

-2

. 2007/2006

.3

: -1

: -2

:

:

:

:

: -3

(1993)

....

. 2007/2006

: -4

(131)

(30)

:

-5

/

(30) (30) (1994)

(120)

(2006)

(98)

(4) (1997)

(4) (4)

(1993) -1

(1994) (1997)

(2006)

(1999)

(1999) (1999)

(1997) (1993) - 2

(1999) (30)

(1994)

(2006)

(1999)

(1999)

Huppert et)

(180)

(82)

(98)

(2003)

(2002)

(60)

()
.()

(81)

(2004)

(2002)

(56)

(80)

(40)

(40)

(2005)

(115)

(2003)

()

(2002) (2004) (2005) :

-2

(2003) () -3

(1996) :

(50) (89)

(1998) :

(700) (2006)

(47) () :

() () :

(2000)

(74) (100) :

:

.4

(Smith,2001)

(318)

(173)

2007 / 2006

(848)

(1683)

(44)

(835)

(23)

(21)

(131)

(262)

(131)

(Earley, 2001)

(30)

(1)

(2003)

(59)

-

)

)

(

(

2007/2006

:

.(Author ware)

(1998)

-1

(Smith, 2001)

(2000)

-2

(1996)

(1998)

-

(2003)

-

(1)

65	2
66	2
131	4
65	2
66	2
131	4
262	8

: -

(30)

: -

: (25)
(3) (8) (11)

(25)

()

()

:

:

:

(14)

:

(32)

()

(22) : (30) (14) (0.87) -
 (0.91)

.(2) (2) :
 (0.05 = α) :

.(3) (%85)
 (2)

3.06	11.23	65
2.93	11.20	65
3.40	11.81	66
3.06	11.80	66
3.14	11.51	262

(3)
 ()

F	F			
0.127	2.342	23.205	1	23.205
0.953	0.003	0.034	1	0.034
0.984	0.000	0.0039	1	0.0039
		9.908	258	2556.196
			261	2579.431

(4)

(4)

1.84	21.75	65
2.08	19.45	65
1.67	23.15	66
2.24	20.94	66
2.37	21.33	262

(5)

()

F	F			
0.000	*35.293	136.844	1	136.844
0.000	*86.270	334.501	1	334.501
0.844	0.039	0.150	1	0.150
		3.877	258	1000.366
			261	120654.000

(0.05 = α)

*

) :

:(

:

(0.05 = α)

()

(5)

(T.test)

(5)

(6)

:

(6)

(0.05 = α)

(0.05 = α)

()

()

(6)

()

()	()					
0.000	*5.954	260	0.382	3.828	131	
			0.491	4.152	131	

(0.05 = α)

*

:
(4)

(Gunn, 2003)

(1993) (Alharithy,1990)
(2003) (1999) (1997)
(2005) (2003)
(2006) (2005)
(2005)

)

(

)

(5 (Collins,

1990; Ron,1991; Vickie,1990)

(2006) (2005) (1993) ()
 .(1994) .(2006)

:
 (6)

(Little, 1990, Pacey, 1991)

.(1997) (1994) (1993)
 (2003)
 (2002)
 .(2006) (2006) (2005)

(2000) (1998)
 .(Smith,2001) (2003)
 (Earley,2001)

()
 ()

.6

:
 :

-
 -1
 -2

()

: -
 -1 -3
 -2 -4

2003 1996
 .186-166 (1)30
 1997 1998
 2002 2003
 .219-187 (6)18
 2000
 1999 .381-364 (2)27
 2004
 .57 - 47 (16)
 2007 .261-254 (2)31
 2005
 1994 -
 2003
 2003
 .73-60 (1) 30
 2006 2005
 .17-12(3)43
 2003 1996
 1998

Instruction in Teaching Geography to Low Achievers in The Intermediate School of Saudi Arabia. Dal, 51(11).3611. 2004

Chang, chun-Yen. 2002. Does computer – assisted instruction + problem - solving = Improved science outcomes? A pioneer study. *The Journal of Education Research*, 95 (3) 143-150. 2005

Collins, Betty. 1990. Learning to Like Social Studies, II: New York: *Computer Teacher*; 15(7), 30-96. 2005

Earley, J. 2001. Astudy of the Effects of Gender and Different Instructional Media Computer- Assisted Instruction Tutorials vs. (Text book) on Student Attitudes and Achievement in a Team=Taught Integrated Science Class. *DAL –A 62/09*,P3005. 1993
.256-226 (52)7

Gunn, A. Pitt. 2003. The effectiveness of computer-based teaching packages in supporting student learning of parasitplogy, Liverpool John Morses 1999

Huppert, J,Yaakobi, J, Lazarovvibz, R. 1998. Learning Microbiology With Computer Simulation: students Academic Achievement By Method and Gender. *Research in Science and Technological Education*,16(2). 231-146. 2002

Little, Temothy. 1990. Microcomputers in Science Social studies Education. U.S; Michigan: *Social studies-Journal Articles*; 3(1), 21-98. 1993
- 2005

Pacey, A. 1991. The Culture of technology, The UCLA Press.

Ron, sarter. 1991. Using Computers to Develop Social Studies, *Social Studies Journal*, 4(2), 43-93. 2006

Smith, S. 2001. Relationship of Computer Attitudes to Sex, Grade Level, and Teacher Influence. *Education*, vol,106, No,(3).338-345.

Stallings, William. 2004. Computer Networking with Internet Protocols and Technology. New Jersey: Prentice Hall. 2002

Taylor, Robert. 1980. The Computer in The School: Tutor, Tool, Tutee. Teachers College Press , Columbia university, New york. 2006

Vickie, Schlene. 1990. Different Approaches to Teaching Social Studies. New york; Macmillan Company. 2005

Al Harithy, Dakil D. 1990. The Effect of Programmed

The Influences of an Educational Computerized Program in Geography for the Tenth Grade in Acquisition of the Environmental Concepts and their Attitudes towards It

*Hasan A. Al-Naji and Mohammad I. Al-Tarawneh **

ABSTRACT

This study aimed at investigating the effect of using an educational computerized program in geography course in acquisition for the students of the tenth grade of the concepts environment and their attitudes towards it.

The study sample consisted of (262) students (130 males, 132 females) of the tenth grade in the directorate of education of Al-Karak. To achieve the objectives researchers have designed three tools: an educational computerized program (a unit of the problems of the environment), an achievement test and an attitudes measurement.

The results showed that:

- 1 There is a statistical difference ($\alpha = 0.05$) in acquisition of the students of the tenth grade in favor of experimental group.
- 2 There is a statistical difference ($\alpha = 0.05$) in acquisition of the students of the tenth grade in favor of females.
- 3 There is no a statistical difference ($\alpha = 0.05$) in acquisition of the students of the tenth grade to the interaction between the teaching method and sex of the students.
- 4 There are positive attitudes for both of the groups towards the educational computerized program.

In light of the result of the study, the researchers recommendations are as follow: Holding trained program for geography teachers in order to be able to use computer, designing educational computerized programs for geography course, and writing research papers discussing the role of the educational computerized program in different specialists and stages. E

Keywords: Educational computerized program, Achievement, 10th Grade, Geography, and Attitudes.

* Faculty of Educational Sciences, Mu'ta University, The Directorate of Education of Al-Karak, Jordan. Received on 16/6/2007 and Accepted for Publication on 15/1/2008.