

*
.
*
.



)
(

(35) ()
" "

ABSTRACT

Effectiveness of conceptualizing a proposition for including some life skills in the technology subject of tenth-grade students in Palestine

This study aims to give a conceptualized proposition that includes life skills in the technology subject of tenth-grade students along with identifying the effectiveness of applying one unit of that proposed conception on developing life skills and systematic thinking among the study sample students. The two researchers have used the descriptive approach to get to that proposed conception. The experimental approach has also been used to measure the effect of applying one unit of that proposed conception on developing life skills and systematic thinking among the study sample students. Research tools consisted of an observation sheet,

*
*

...

and a systematic thinking test. Pre and post applications of those tools were administered for one class at Faisal Girls Secondary School "B" which comprised 35 students. The outcome results showed that the applied unit(System Unit)which included life skills achieved an acceptable effectiveness and had a great impact on developing life skills and systematic thinking among the study sample students after studying the unit.

:

(2002 1)

(2 :2003)

(2001)

2010

New Jersey Department 2004)

(of Education,

(164) (-2005)

3-7)

(Utah State Office of Education, 2006:

:

- - (2000)

(2006)

2001/2000

...

:

(2007)

.(%9.8)

":

:

"

.1

.2

.3

.4

:

.

2010

.	.	
:	:	
($\alpha \leq 0.05$)	.	.1
)		
(.	
($\alpha \leq 0.05$)	.	.2
.	.	
:	:	
()	.	.1
.	.	
.	.	.2
.	.	.3
.	.	
:	:	
:	.	.1
.	.	.2
.	" "	
.	.	
" "	.	.3
()		
2008/3/20	2008/2/2	
	. 2008/2007	

...

"

"

"

:

:

2006-2005

:

:

:

:

:

:

:

•

•

•

:

(2007)

(597)

% (9.8)

(2006)

.(%80)

2010

2004 2003
)

(

(Wick & Benjamin, 2006)

(2005)

(1195)

()

:

(2004)

(KG1)

(KG2)

(KG1)

(2004)

(KG2)

...

:

(2002)

:

(2002)1

:

(2000)

2010

:

(2007)

(Wick & Benjamin, 2006)

(2004)

(2004)

(2002)

(2006)

(2005)

(2007)

:()

:

(86 :1999)

:

:

:

:

":

...

" " (2006)

" (2002)2
:

" (3-2 :2005)
"

:

-

-

-

:

•

:(2002 2)

-

-

-

-

2010

(%30)

(%70)

(%95)

(2003)

(2002)

(18-17 :2001)

...

: ■

: (89 :1999)

: -

: -

: -

: -

: -

: -

: -

: ●

: (-2005)

:

:

:

: (Wisconsin Department,2006)

: -

: -

: () -

2010

" "

:

(2002 2)
(12-11 :2003)

:

:

:

:

(41 :1997)

(41 :1997)

One Group Pre-Test Post-Test

-

-Design

()

...

:

()

(35)

:

:

:

-1

:

-

(59)

(13)

(9)

(8)

:

(10)

(11)

(8)

-

:

"

"

•

"

"

•

"

"

•

"

"

•

"

"

•

"

"

"

"

"

•

"

(11)

:

(49)

2010

(8) (9) (5)
(1) (8) (8)
: -2

)
" "

(25) ()
(11) : ()
(9) (5)

(24) ()
(8) : ()
(8) (8)

)
()
:

(2) *

...

$$\begin{aligned}
 & \text{(5)} && \text{(Cooper)} \\
 & : && \\
 & && : (288 : 1996) \text{ Cooper} \quad * \\
 & \% 100 \text{ X } \frac{\quad}{\quad + \quad} = && \\
 & .(1) && \\
 & && (1)
 \end{aligned}$$

%85.4	55	8	47	11	
%76.0	25	6	19	5	
%.82.2	45	8	37	9	
%77.5	40	9	31	8	
%80.0	40	8	32	8	
%87.5	40	5	35	8	
%82.0	245	44	201	49	

(%85.4): (1)
 (%87.5) (%80.0) (%77.5) (%82.2) (%76.0)
 (%82.0)
 : -3
 " "

: *

2010

.(3)

(2)

(32)

(2)

6	5	9	7	5	5	5	
*0.350	*0.372	*0.487	*0.523	*0.447	*0.494	*0.556	

.(0.349)

(0.05)

(30)

() *

(0.05)

(2)

(SPSS)

(3)

(3)

0.91	0.94	0.83	0.87	0.83	0.88	0.91	0.85	
0.93	0.87	0.79	0.82	0.84	0.84	0.87	0.81	

...

(3)

" " **

:

:

:

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

-

"

"

:

"

"

"(Quizzes)

"

"

"

2010

:
" "
-
-
-
-
-
-
-
) :
() ()
() :
(Quizzes) :
"
"
-
-
-
:
:
.1
.2

...

" " .3

: .4

.5

.6

.7

.8

.9

:

:

.(Paired Sample T-Test)

" "

-

(2-0)

:

-

.(2-1)

" "

:(η^2)

-

" η^2 "

:

.(0.2)

*

.(0.5)

*

.(0.8)

*

.(667 :2003)

:

"

-

"

2010

:			(49)	
(8)	(9)	(5)	(11)	
.		(8)	(8)	
			:	/
			.	.1
			.	.2
			.	.3
			.	.4
			.	.5
			.	.6
			.	.7
			.	.8
			.	.9
			.	.10
			.	.11
			:	/
			.	.1
			.	.2
			.	.3
			.	.4
			.	.5
			:	/
			.	.1
			.	.2
			.	.3
			.	.4
			.	.5
			.	.6
			.	.7

...

.	.8
.	.9
:	/
.	.1
.	.2
.	.3
.	.4
.	.5
.	.6
.	.7
.	.8
:	/
.	.1
.	.2
.	.3
.	.4
.	.5
.	.6
.	.7
.	.8
:	/
.	.1
.	.2
.	.3
.	.4
.	.5
.	.6
.	.7
.	.8

2010

"

"

.

-

(4)

...

" : :
 " :
 " :
 (α≤0.05)
)
 " ()
 Paired) " "
 (5) (Sample T-Test
 (5)
 " "

" "							
**28.995	2.24	17.30	1.76	5.97	22	33	
**10.944	1.59	6.39	1.27	2.48	10	33	
**14.694	2.86	12.45	2.40	3.18	18	33	
**18.884	2.49	11.03	1.47	1.93	16	33	
**15.678	2.98	9.06	0.36	1.15	16	33	
**21.709	1.65	9.70	0.88	1.30	16	33	
**47.645	5.72	65.94	4.13	16.03	98	33	

.(2.042) (32) (α=0.05) " " *
 .(2.750) (32) (α=0.01) " " **
 " " " " (5)
) (0.01)

2010

(
($\alpha \leq 0.01$)

(2004) :

(2004)

(2000)

(:)

202

...

(6)
(6)

1.12	65.94	16.03	98	33	

)

(6)

(

(2-1)

(1.12)

" "

(7) (η^2)

(7)

η^2

	η^2	" "		
	0.98	47.645) (" "

2010

) (η^2) (7)
 ((0.98)
 (0.8) " "
 - " "
 " : /
 " "
 " :
 ($\alpha \leq 0.05$)
 " "
 " "
 (Paired Sample T-Test)
 (8)
 (8)
 " "

" "					
** 17.085	6.08	10.83	52	33	
	4.37	31.86	52	33	

.(2.042) (32) ($\alpha=0.05$) " " *
 .(2.750) (32) ($\alpha=0.01$) " " **
 " "
 " " (8)
 (0.01)

...

($\alpha \leq 0.01$)

(2006) :

(2002) .

(2000) .

:)

(

(9)

(9)

1.15	29.30	7.66	42	33	

(9)

(2-1)

(1.15)

" "

(10)

(η^2)

(10)

η^2

	η^2	" "		
	0.90	17.085		" "

(η^2)

(12)

(0.90)

" "

(0.8)

-

-

...

:

-

-

-

-

-

-

2010			
		:	
	-	:1997	.1
		:1999	.2
"	"		
28-25	103-84:		
	-	:2000	.3
	.69-36	:113	
		:2003	.4
"	"		
	22-105	21-85:	
	-	:1996	.5
		-	
		:2005 (UNDP)	.6
2001/3/28		:2001	.7
		.2008/1/4 www.tarbya.net	
.2008/2/25	http// www.hs.gov.sa	:2006	.8
		:2004	.9
		.222-197 :98	
		:2007	.10
		:2003	.11
		:2006	.12

...

http://scienceeducator.jeeran.com/newmethodology/archive/2006/2/1916		
.2007/12/12 0.html		
:2004		.13
:2005		.14
:	:2003	.15
"	"	
22-21 674-645 :		
	:2001	.16
	:2002 1	.17
"		
	"	
	25-24 69-25:	
	:2002 2	.18
"	"	
31-364,28-341:		
	:2002	.19
.74-47 :80		
	:2003	.20
:2006		.21
	.2007/11/13 http://www.Albayan.Ae	
	: -2005	.22
.http://www.unicef.org/arabic/lifeskills/lifeskills_25512.html		

2010

- : -2005 .23
- .2008/1/24 http://www.unicef.org/arabic/lifeskills/lifeskills_25521.html
- :2000 .24
- .2008/2/8 <http://www.unicef.org/teachers/forum/0700.htm>
25. New Jersey Department of Education, 2004: Career education and consumer family and life skills, [http //www.nj.gov/hide/aps/cccs/15-4-2008](http://www.nj.gov/hide/aps/cccs/15-4-2008).
 26. Utah State Office of Education, 2006: A guide to knowledge ,skills and disposition for success /Grade K–12, Utah state office of education.
 27. Wick, B. & Benjamin, A., 2006: The road to employability throw personal: A critical of silences and ambiguities of British Colombia(Canada)life skills, International Journal of life long education, Volume 25, 75-86, www.eric.ed.gov/ 17-2-2008.
 28. Wisconsin department of public instruction, Career and technical education team, 2006: Career & Technical Education ,[www. dpi. state. wi. Us/](http://www.dpi.state.wi.us/) 25-3-2008.

...

(1)

:

/

.12

.13

.14

.15

.16

.17

.18

.19

.20

.21

.22

:

/

.6

.7

.8

.9

.10

:

/

.10

.11

.12

.13

.14

.15

.16

.17

2010

.	.18
:	/
.	.9
.	.10
.	.11
.	.12
.	.13
.	.14
.	.15
.	.16
:	/
.	.9
.	.10
.	.11
.	.12
.	.13
.	.14
.	.15
.	.16
:	/
.	.9
.	.10
.	.11
.	.12
.	.13
.	.14
.	.15
.	.16

212

...

(2)

)

(

:

-1

(

)

" "

)

-2

(

(

)

-3

(✓)

-4

-5

2010

:

			:	/
				1
				2
				3
				4
				5
				6
				7
				8
				9
				10
				11
			:	/
				1
				2
				3
				4
				5
			:	/
				1
				2
				3
				4
				5
				6
				7

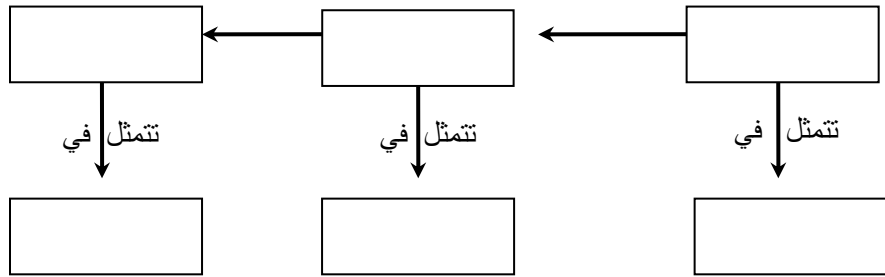
...

:

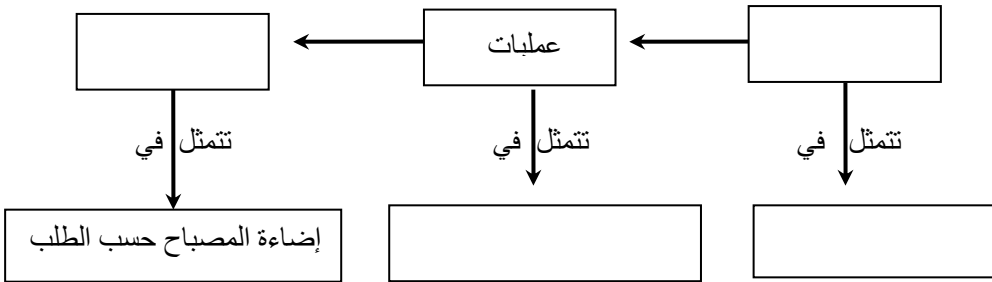
			:	/
				1
				2
				3
				4
				5
				6
				7
				8
			:	/
				1
				2
				3
				4
				5
				6
				7
				8
			:	/
				1
				2
				3
				4
				5
				6
				7
				8

(3)

1.



2.



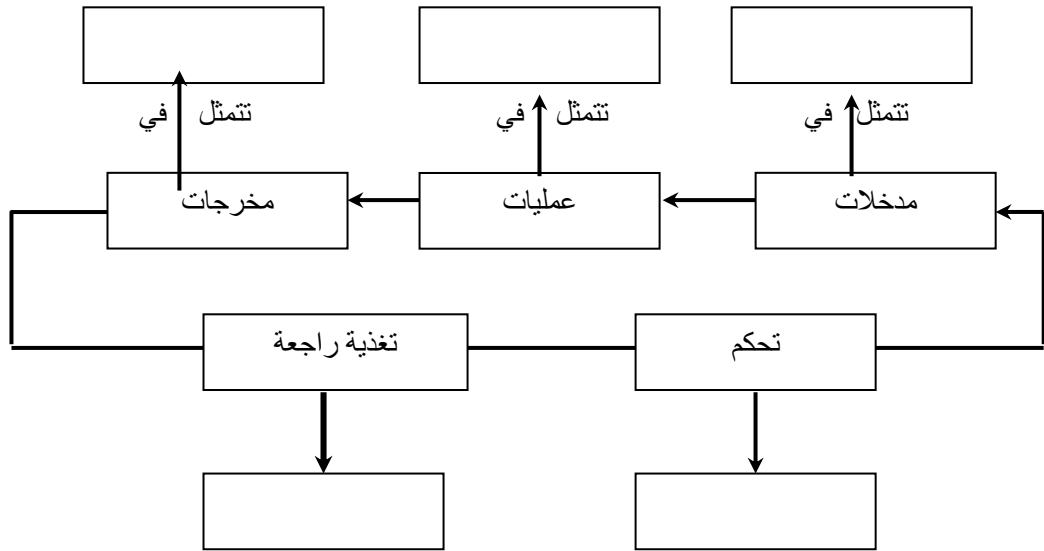
.....

...

:

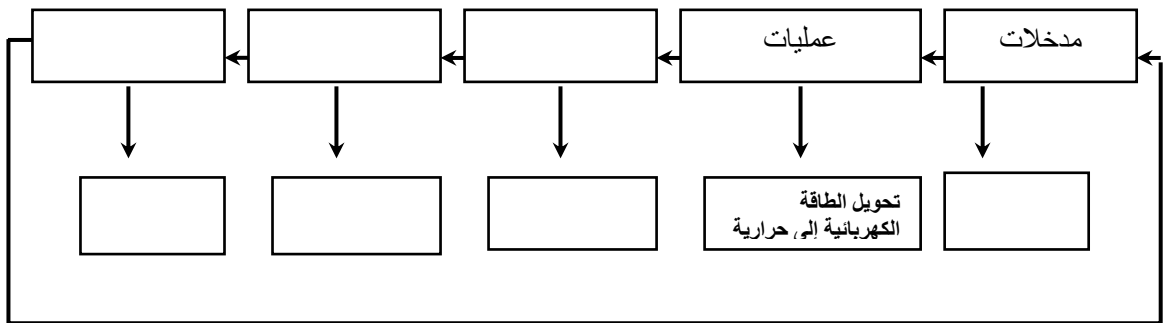
.3

()



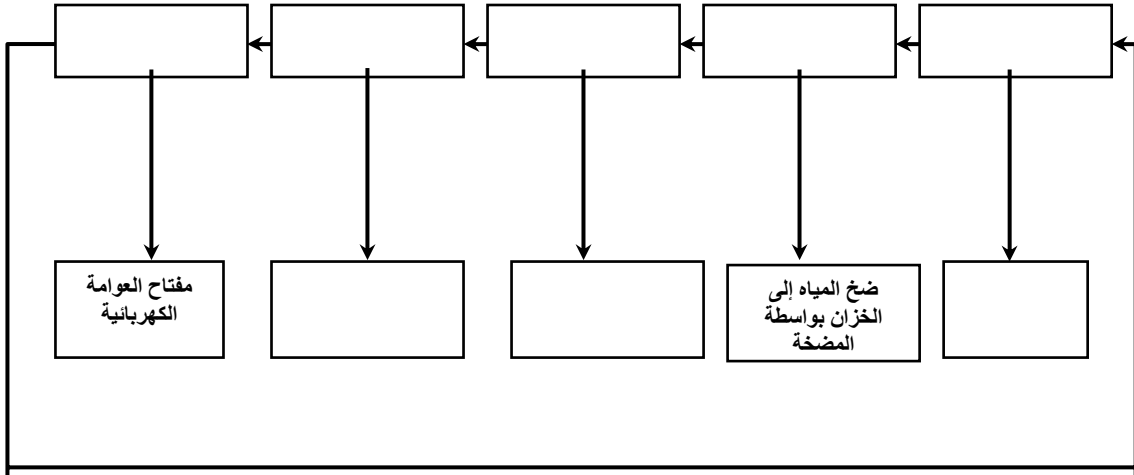
:

.4



:

.5



.....

.6

()

.7

:
:
:
:
: