

*

()

(25) (191)

. 2004/2003

) (62) . ()

) :

(

(

"14") :

"11" "13"

"12"

.("12"

-

-

() ()

()

-

-

.

:

.

-1

(1) *

(1997) (2) .2005/1/18 2004/9/15

" -
.(Nelson, 1990) "
" -
(Lockwood, "
.1996)
" -
(Van Sickle,1983)
(1997) "
" - .(Cook, 1984)
) "
(2001
"
(Van Sickle,
.1983)
"
.
(Ehman, 1980)
.
(Claire, 2004)
(Timothy, 2000)
1951
(Cox, 1977)
:

(Gallo,1996) .(1992) .(Cook,1984)

(Crick,2001)

.(1997)

.(2001)

.(Timothy, 2000)

.(2004)

.(Lines,1983)

.(1995) .(Claire, 2004)

(Skeel,1995)

.(Van Sickle,1983)

.(Web Page, 2003)

.(Hepburn, 1983)

(2001)

(1995)

(1996)
(1999)

(Lines,1983)

(Lockwood, 1996)

(George and Carter, 1996)
)

((1991)

(Evans and Saxe, 1996)

(2004)

(Gallo, 1996)

(Pedersen and Spivey,

1996)

(2001)

(44)

(Likert)

(36)

(30)

(Hurtado et al., 2001)

:

(Cross and

Price, 1996)

(7980)

)

(

(Wilson et al., 1999)

(Albe and Simonneaux, 2002)

(468)

(48)

(11)

(Hess and Posselt, 2002)

:

.1	(Pedersen and Spivey, 1996; Wilson et al., 1999; Albe and Simonneaux, 2002)
.2	(2001) (Cross and Price, 1996)
	(Hess and Posselt, 2002)
.3	
(0.05 ≥ α)	
.4	
(0.05 ≥ α)	
.5	
(0.05 ≥ α)	

-2

:

.1
.2
.3

-3

.4

.*

.5

2004/2003

(29)

(1092)

(42)

(215)

:

-

. 2004/2003

-

-

(28)

" ")

.(

(191)

(25)

.(1)

:

-

(1)

10	74	
4	40	
9	52	
2	25	
25	191	

:

-

"

"

:

-

(

)

. 2004/2003

. 2004/2003

:

-

*

(2)

-4

14		1
12		2
13		3
11		4
12		5
62	" "	

(30)

(14)

(16)

(74)

) :

(

(20)

()

(14)

(3)

(3)

(3.50 - 4.00)

:

(2.50 - 3.49)

-

(2.00 - 2.49)

-

(2.00)

-

88.1	
87.3	
86.0	
85.9	
92.3	
91.6	

(12)

*

-

-1

(62)

(2)

-2

"13" . 5 .
 "11" . 10- 5 .
 ("12" 10 .
 . : -3
 : + .
 - .
 : -

" "

(62) " "
 .(4) " "
 (4) T-test " "

(4)
 (0.05 ≥ α)
 (13) (3.52) (3.68) (Two Way ANOVA)
 : (1) : (54) (0.05 ≥ α)

" : (14)
 " " (54)

(43) (3.68)

(13) (2.52) (3.32)
 (2.08) (2.44) -5

(61) " :
 " :
 .(1.72) -

(3.51) (14)
 (53) " "
 (2.53) (3.48) "14") :
 7 "12"

(2.18) (2.48)
(61)

.(1.91)

: (54)

"

"

.(5)

(5)

"

"

(0.42)

(2.96)

"

"

:

(14)

(2.90)

(0.58)

(2.80)

(0.57)

(2.79)

(0.43)

(2.76)

(5)

.(0.60)

"

"

(2.85)

.(0.40)

(2.99)

(0.41)

(2.80)

(0.63)

(.0.49)

(2.70)

(0.50)

(2.62)

(2.53)

(.0.60)

" "

(2.74)

(.0.71)

)

()

()

()

)

()

()

" "

(-0.846) (-1.433) (0.271)
(-1.261) (-0.960) (-1.776)
(0.05 ≥ α)
()

.(Ehman,1980)

(Timothy, 2000)

(0.05 ≥ α)

T-test " "

(0.05 ≥ α)

.(6)

(6)

(0.05 ≥ α)

()

(2.99)

.(2.96)

.(7)

(10 10- 5 : -1
) (8)

(0.363) (0.063) (0.273) (1.103) :
 (0.006) (0.548)
 .(0.05 ≥ α)
 (8)
 (+)
)

: ((2.984) (1.359) (0.319) (1.951) (1.337)
 (0.209)
 .(0.05 ≥ α)

-3

(10)

(10)

≥ α) (4.284) (0.05)
 (0.002)
 (10) -2
) (9)

(: (2.172) (0.644) (2.369) (1.389) (0.383)
 .(0.05 ≥ α) (9)
 5)

$$: \quad - \quad (0.05 \geq \alpha) \quad (\quad)$$

(7)

$$. (12) \quad 10^{-5} \quad + \quad 10^{-5} \quad (3.11)$$

$$: \quad -1 \quad 10^{-5} \quad (11) \quad (3.1138)$$

$$(13) \quad 10^{-5} \quad + \quad (3.1099) \quad (1) \quad (1)$$

$$(\quad + \quad)$$

$$: \quad (0.165) \quad (0.091) \quad (0.457) \quad (1.174) \quad (0.034) \quad (3.1138)$$

$$\alpha) \quad (0.137) \quad (0.05 \geq$$

$$10^{-5}$$

(17)

)

(14)

(1.030) (0.685) :

(1.158) (1.389) (0.795) (0.928)

.(0.05 ≥ α)

(14)

(5)

(10 10- 5

-6

(

: (0.040) (0.167) (0.448) (1.396) :

.1 (0.221) (0.356)

.(0.05 ≥ α)

.2

.3

.4

.5

.6 (15)

-2

-3

(4)

:					
3	0.82	3.47			1
3	0.76	3.60			
50	1.20	2.61			2
44	1.16	2.52			
49	1.03	2.62			3
29	1.14	2.72			
29	1.01	2.88			4
9	0.76	3.20			
15	0.99	3.05			5
8	0.83	3.24			
55	0.97	2.48			6
53	0.80	2.32			
39	1.03	2.70			7
13	0.93	3.04			
4	0.79	3.43			8
5	0.90	3.32			
43	1.00	2.68			9
29	1.02	2.72			
17	1.00	3.01			10
9	0.87	3.20			
58	1.16	2.43			11
60	0.95	2.08			
12	1.02	3.14			12
29	0.89	2.72			
2	0.80	3.48			13
2	0.70	3.64			
1	0.86	3.51			14
4	0.71	3.52			
:					
14	1.13	3.10			15
29	1.24	2.72			
37	1.22	2.72			16
52	0.99	2.36			
18	1.04	2.99			17
21	0.99	2.84			

39	0.92	2.70			18
44	0.87	2.52			
12	0.93	3.14			19
6	0.89	3.28			
33	1.02	2.76			20
37	1.04	2.60			
38	1.10	2.71			21
48	1.12	2.44			
51	1.11	2.60			22
56	0.89	2.28			
42	0.88	2.69			23
23	1.04	2.80			
34	0.97	2.74			24
23	0.82	2.80			
44	1.04	2.66			25
48	0.82	2.44			
34	1.09	2.74			26
50	0.91	2.40			
:					
23	0.83	2.94			27
21	0.94	2.84			
29	0.97	2.88			28
34	0.95	2.64			
21	1.01	2.96			29
44	1.05	2.52			
16	0.85	3.04			30
13	1.02	3.04			
48	1.02	2.63			31
50	1.00	2.40			
26	1.04	2.89			32
17	0.84	2.96			
19	1.01	2.98			33
16	1.00	3.00			
26	1.02	2.89			34
27	1.13	2.76			
47	1.04	2.64			35
37	0.96	2.60			
60	1.07	2.35			36
43	1.00	2.56			

32	1.08	2.84			37
23	1.19	2.80			
8	0.86	3.29			38
13	1.14	3.04			
5	0.90	3.40			39
9	0.96	3.2			
:					
54	1.14	2.53			40
58	1.04	2.20			
45	1.11	2.65			41
57	1.09	2.24			
9	0.99	3.27			42
17	1.21	2.96			
31	1.03	2.85			43
27	1.01	2.76			
53	1.09	2.57			44
37	1.08	2.60			
51	1.12	2.60			45
37	1.00	2.60			
59	1.12	2.42			46
59	1.05	2.12			
61	1.18	2.18			47
61	1.06	1.96			
39	1.16	2.70			48
53	1.18	2.32			
7	0.97	3.32			49
6	0.79	3.28			
11	0.96	3.22			50
23	1.12	2.80			
:					
36	0.99	2.73			51
33	0.99	2.68			
45	0.97	2.65			52
37	1.00	2.60			
19	1.03	2.98			53
44	1.19	2.52			
6	0.78	3.39			54
1	0.48	3.68			
56	1.04	2.47			55
34	0.99	2.64			

24	0.91	2.93			56
9	0.91	3.20			
10	0.87	3.24			57
20	1.13	2.88			
26	0.96	2.89			58
34	1.04	2.64			
21	0.91	2.96			59
19	1.08	2.92			
25	1.01	2.92			60
37	1.12	2.60			
62	1.14	1.91			61
62	0.98	1.72			
57	1.13	2.46			62
52	1.15	2.36			

(5)

1	0.41	2.99	1	0.42	2.96		1
4	0.50	2.62	3	0.57	2.80		2
2	0.63	2.80	2	0.58	2.90		3
5	0.60	2.53	5	0.60	2.76		4
3	0.49	2.70	4	0.43	2.79		5
	0.41	2.74		0.40	2.85		

(6)

..

α							
0.786	0.271	0.4133	2.99	25			1
		0.418	2.96	191			
0.153	1.433-	0.4972	2.62	25			2
		0.5741	2.80	191			

0.399	0.846-	0.6261	2.80	25			3
		0.582	2.90	191			
0.077	1.776-	0.5971	2.53	25			4
		0.5953	2.76	191			
0.338	0.96-	0.4942	2.70	25			5
		0.4327	2.79	191			
0.209	1.261-	0.4078	2.74	25			
		0.3993	2.85	191			

(7)

			+							
	-5	5		-5	5		-5	5		
10	10		10	10		10	10			
3.04	2.37	3.10	2.87	3.11	3.03	2.92	3.11	2.93		.1
0.41	0.38	0.37	0.37	0.43	0.30	0.50	0.20	0.43		
2.90	2.68	2.77	2.62	2.72	2.60	2.84	3.00	2.74		.2
0.74	0.67	0.68	0.58	0.57	0.65	0.60	0.40	0.57		
3.12	2.74	2.96	2.86	3.04	3.05	2.85	3.11	2.73		.3
0.58	0.91	0.66	0.55	0.57	0.69	0.62	0.38	0.58		
2.95	2.15	2.58	2.66	3.01	2.69	2.71	2.89	2.75		.4
0.44	0.95	0.35	0.65	0.62	0.66	0.68	0.45	0.52		
2.93	2.77	2.97	2.79	3.06	2.94	2.68	2.81	2.75		.5
0.41	0.61	0.29	0.41	0.41	0.40	0.46	0.39	0.44		
2.99	2.55	2.89	2.76	2.99	2.87	2.81	2.99	2.78		
0.42	0.55	0.39	0.37	0.38	0.46	0.46	0.27	0.37		

(8)

α					
0.265	1.337	0.219	2	0.439	
0.145	1.951	0.641	2	1.282	
0.727	0.319	0.106	2	0.212	
0.259	1.359	0.472	2	0.943	
0.053	2.984	0.547	2	1.093	
0.812	0.209	0.0324	2	0.0648	

(9)

α					
0.334	1.103	0.181	2	0.362	
0.761	0.273	0.0897	2	0.179	
0.939	0.063	0.0208	2	0.0416	
0.696	0.363	0.126	2	0.252	
0.579	0.548	0.100	2	0.201	
0.994	0.006	0.000918	2	0.00184	

(10)

α					
*0.002	4.284	0.703	4	2.812	
0.821	0.383	0.126	4	0.503	
0.239	1.389	0.461	4	1.845	
0.054	2.369	0.822	4	3.287	
0.632	0.644	0.118	4	0.472	
0.074	2.172	0.337	4	1.35	

(0.05 \geq α) *

(11)

10	10-5	5	
2.9174	3.1138	2.9286	
2.8707	3.1099	3.0268	+
3.0397	2.3714	3.0982	
2.9189	3.0386	2.9643	

(12)

			+						
10	-5 10	5	10	-5 10	5	10	-5 10	5	
3.20	2.64	2.86	2.95	2.75	3.18	2.71	2.68	3.36	.1
0.53	0.10	0.00	0.32	0.05	0.05	0.00	0.45	0.00	
2.56	2.08	2.50	2.79	2.79	2.75	2.25	2.92	3.25	.2
0.28	0.83	0.00	0.51	0.77	0.47	1.06	0.47	0.00	
2.72	2.58	2.92	3.29	3.19	2.46	2.12	2.92	2.85	.3
0.47	1.25	0.00	0.67	0.92	0.98	0.38	0.33	0.00	
2.56	2.23	2.55	2.75	2.77	2.09	2.23	2.45	3.18	.4
0.66	0.58	0.00	0.70	0.84	0.39	0.96	0.13	0.00	
2.90	2.71	2.67	2.69	2.75	2.38	2.04	2.50	3.33	.5
0.44	0.06	0.00	0.58	0.24	0.06	0.41	1.06	0.00	
2.80	2.46	2.71	2.90	2.85	2.60	2.28	2.70	3.19	
0.39	0.49	0.00	0.44	0.52	0.39	0.54	0.49	0.00	

(13)

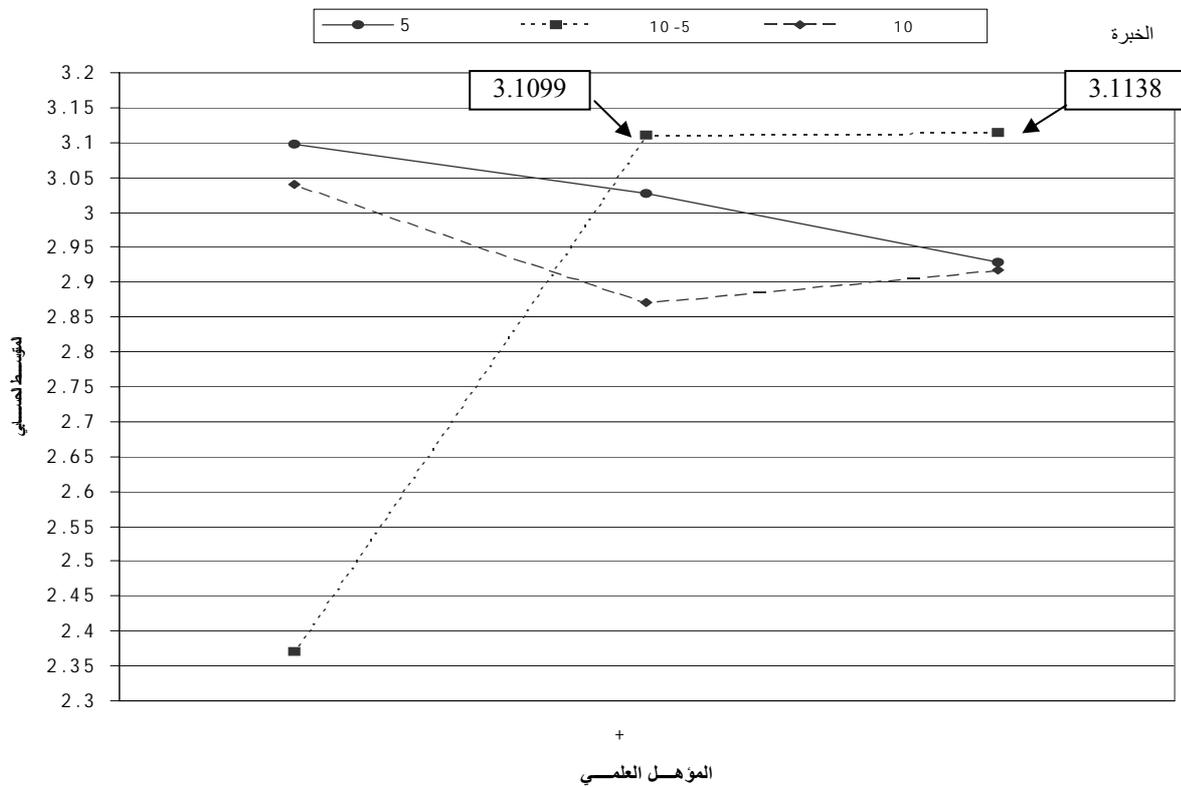
α					
0.967	0.034	0.00587	2	0.0118	
0.334	1.174	0.312	2	0.625	
0.641	0.457	0.193	2	0.387	
0.913	0.091	0.0402	2	0.0804	
0.849	0.165	0.0406	2	0.0813	
0.873	0.137	0.0256	2	0.0512	

(14)

α					
0.276	1.396	0.242	2	0.484	
0.647	0.448	0.119	2	0.238	
0.848	0.167	0.0705	2	0.141	
0.961	0.040	0.0175	2	0.0349	
0.706	0.356	0.0877	2	0.175	
0.804	0.221	0.0414	2	0.0829	

(15)

α					
0.613	0.685	0.119	4	0.475	
0.422	1.030	0.274	4	1.097	
0.472	0.928	0.393	4	1.571	
0.545	0.795	0.35	4	1.402	
0.282	1.389	0.342	4	1.37	
0.366	1.158	0.217	4	0.867	



(1)

2001 -7
 1995
 95 -61:(20)10
 2004 4
 1996 4
 1 1997
 1999 3
 2 1991

Albe, Virginie and Simonneaux, Laurence. 2002. Teaching Socio-Scientific Issues in Classrooms. Paper Presented at the Annual Meeting of the National Association for Research in Science Teaching, New Orleans, LA, April.

Claire, Hilary. 2004. Dealing with Controversial Issues with Primary Teacher Trainees as Part of Citizenship

1995 (2)36
 2001 2

- Preparation for a Diverse Democracy*. Paper Presented at the *Annual Meeting of the Association for Institutional Research 41st*, Long Beach, CA, June.
- Lines, Patricia. 1983. *Curriculum and the Constitution*. Issuegram 34. Denver, CO: Education Commission of the States, ED 234 515.
- Lockwood, Alan. 1996. Controversial Issues: The Teacher's Crucial Role. *Social-Education*; 60 (1): 28-31.
- Nelson, J. 1990. Charting a Course Backward, *Social Education*, 55: 347-353.
- Pedersen, John and Spivey, Kristi. 1996. Beliefs of Science Teachers towards the Implementation of Controversial Social/Technological Issues As Part of the Etent Curriculum. Paper Presented at the *Annual Meeting of the National Association for Research in Science Teaching*, St. Louis, MO, March 31-April.
- Skeel, D. J. 1995. *Elementary Social Studies: Challenges for Tomorrow's World*. Harcourt Brace College Publishers. New York.
- Timothy, D. 2000. *Controversial Issues in Social Studies*, Social Studies Teacher Day. Corey Union.
- Van Sickle, Ronald. 1983. *Practicing What We Teach: Promoting Democratic Experiences in the Classroom*. National Council for the Social Studies Bulletin 70. Washington, D.C: NCSS. ED 238 769.
- Web Page. 2003. Social Studies Grade Ten -Teaching Controversial Issues. <http://www.sasked.gov.sk.ca/docs/tensoc/tensoc.html>.
- Wilson, Elizabeth, Sunal, Cynthia, Haas, Mary and Laughlin, Margaret. 1999. Teachers' Perspectives on Incorporating Current Controversial Issues into the Curriculum. Paper Presented at the *Annual Meeting of the National Council for the Social Studies 79th*, Orlando, FL, November 19-21, 1999.
- Education. London Metropolitan University, Department of Education. United Kingdom.
- Cook, Kay. 1984. Controversial Issues: Concerns for Policy Makers. *ERIC Digest*. No. 14- ED253465.
- Cox, Benjamin. 1977. The Censorship Game and How to Play It. National Council for the Social Studies Bulletin 50. Arlington, VA: NCSS. ED 143 570.
- Crick, Bernard. 2001. Citizenship and Science; Science and Citizenship. *School-Science-Review*; 83 (302) P: 33-38 Sep.
- Cross,-Rogerand Price, Ronald. 1996. Science Teachers' Social Conscience and the Role of Controversial Issues in the Teaching of Science. *Journal of Research in Science Teaching*; 33 (3) P: 319-333, Mar.
- Ehman, L.H. 1980. The American School in the Political Socialization Process. *Review of Educational Research*, 50, P: 99-119.
- Evans, R. and Saxe, D. 1996. *Handbook on Teaching Social Issues*. National Council for the Social Studies. Washington D.C.
- Gallo, Maria. 1996. Controversial Issues in Practice. Classroom Focus. *Social Education*; 60(1): 1-4.
- George H.R. and Carter V.G. 1996. How to Deal with Controversial Issues in Social Studies. Educational Platform for the Public Schools.
- Hepburn, Mary. 1983. *Can Schools, Teachers, and Administrators Make a Difference?* National Council for the Social Studies Bulletin 70. Washington, D.C: NCSS. ED 238 769.
- Hess, Diana and Posselt, Julie. 2002. How High School Students Experience and Learn from the Discussion of Controversial Public Issues. *Journal of Curriculum and Supervision*; 17(4) P: 283-314.
- Hurtado, Sylvia, Engberg, Mark, Landreman, Lisa and Ponjuan, Luis. 2001. *Students' Pre-College*

The Importance of Including Controversial Issues in the Jordanian Society in the Curriculum of Social Studies in the Secondary Stage

*Hamed A. Talafhah and Omar S. Abu Esba'**

ABSTRACT

This study aimed to identify controversial issues in the Jordanian society as seen by educationists and opinion leaders, and the importance of its inclusion in the curriculum of social studies for the secondary stage. The study used the opinions of teachers and supervisors. The study also investigated the effect of the position of the respondent (teacher, supervisor), the experience, qualification and the interaction between experience and qualification. The sample of the study included (191) teachers and (25) supervisors from the educational directorates in the capital Amman, Zarqa, Irbid and Jerash during the scholastic year 2003/2004. All necessary data were gathered by a questionnaire developed by the researchers. The validity and reliability of the questionnaire were tested. It was composed of 62 (controversial issues) divided into five domains: (political, social, economic, religious and educational issues). The study revealed the following results:

- Educationists and opinion leaders, specify controversial issues in the Jordanian society as (political issues 14, social issues 12, economic issues 13, religious issues 11, and educational issues 12).
- The assessment of teachers and supervisors for the importance of the inclusion of controversial issues in the curriculum of social studies in the secondary stage was of a moderate level in every domain. Teachers and supervisors put the political issues in the first rank, economic issues the second rank, and religious issues come last.
- No statistical differences exist among teachers and supervisors assessment due to educational position.
- No statistical differences exist due to experience and qualification of teachers and supervisors and the interaction between them, except statistical differences due to the interaction between experience and qualification of teachers in the first domain (political issues) to the preference of teachers with experience (more than 5-10) years and the bachelor degree.

Finally, the researchers recommend to develop the social studies curriculum to include controversial issues in the Jordanian society, and assure the importance of social studies curriculum for issues concerning technology, peace and war, democracy, and patriotic unity.

* Faculty of Educational Sciences, University of Jordan (1); and Teacher-Member of the Social and National Education Committee, UNRWA, Jordan (2). Received on 15/9/2004 and Accepted for Publication on 18/1/2005.