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0.85	4.38		1	111
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0.86	4.21		7	108
0.92	4.17		8	110
0.97	4.15		9	107
0.92	4.14		10	109
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0.85	3.92		14	112
1.24	3.68		15	116
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0.81	4.30		1	36
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0.73	4.18		3	37
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0.92	4.11		6	38
0.91	4.10		7	32
0.89	4.07		8	34
0.76	4.03		9	27
0.93	4.02		10	33
0.88	4.01		11	35
0.83	4.00		12	29
0.83	3.99		13	39
0.91	3.96		14	41
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0.95	3.87	.	2	8
0.82	3.82	.	3	5
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0.93	3.72	.	6	9
0.91	3.66	.	7	7
0.91	3.65	.	8	11
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0.86	3.54	.	10	6
0.83	3.50	.	11	10
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1.10	3.86	.	3	43
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1.13	3.63	.	5	49
1.34	3.60	.	6	46
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0.99	3.55		7	90
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0.93	3.52		9	101
1.13	3.51	()	10	89
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1.11	3.34		12	88
1.18	3.30		13	92
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0.89	4.16		1	52
1.07	4.07		2	70
0.94	3.99		3	56
1.04	3.87		4	55
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1.03	3.76		6	61
1.00	3.68		7	58
1.17	3.57		8	67
1.25	3.55		9	69
1.20	3.55		10	78
1.20	3.53		11	68
1.18	3.50		12	60
1.24	3.47		13	64
1.30	3.37		14	57
1.25	3.36		15	53
1.17	3.32		16	59
1.09	3.27		17	62
1.25	3.27		18	80
1.21	3.22		19	66
1.20	3.22		20	79
1.27	3.22		21	84
1.28	3.17		22	73
1.25	3.12		23	87

1.46	3.10	.	24	71
1.37	2.96	.	25	72
1.37	2.88	.	26	54
1.16	2.86	.	27	65
1.24	2.86	.	28	83
1.35	2.85	.	29	81
1.32	2.78	.	30	85
1.31	2.77	.	31	76
1.39	2.76	.	32	75
1.39	2.76	.(CD)	33	82
1.21	2.75	.	34	63
1.30	2.57	.	35	74
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0.001	3.54-	0.653	3.46	41		
		0.517	3.89	51		
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		0.507	4.19	51		
0.002	3.14-	0.609	3.83	41		
		0.499	4.20	51		
0.377	0.89	0.729	3.68	41		
		0.822	3.54	51		
0.912	0.11	0.687	3.27	41		
		0.737	3.25	51		
0.100	1.66-	0.687	3.42	41		
		0.675	3.66	51		
0.000	3.83-	0.711	3.90	41		
		0.501	4.38	51		
0.057	1.93-	0.557	3.57	41		
		0.454	3.77	51		

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0.55	3.94	38	10	
0.61	3.90	40		
0.41	3.99	14	10-5	
0.44	4.25	38	10	
0.60	3.84	40		
0.61	3.93	14	10-5	
0.45	4.28	38	10	
0.69	3.46	40		
0.71	3.64	14	10-5	
0.88	3.74	38	10	
0.69	3.07	40		
0.53	3.32	14	10-5	
0.76	3.44	38	10	
0.66	3.24	40		
0.45	3.48	14	10-5	
0.63	3.90	38	10	
0.69	3.88	40		
0.70	4.06	14	10-5	
0.42	4.50	38	10	
0.51	3.47	40		
0.43	3.66	14	10-5	
0.44	3.92	38	10	

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0.003	6.305	2.151	4.303	2		
		0.341	30.368	89		
			34.671	91		
0.015	4.439	1.189	2.377	2		
		0.268	23.831	89		
			26.208	91		
0.002	6.624	1.963	3.925	2		
		0.296	26.370	89		
			30.295	91		
0.265	1.350	0.817	1.634	2		
		0.605	53.866	89		
			55.500	91		
0.069	2.755	1.342	2.685	2		
		0.487	43.369	89		
			46.054	91		
0.000	11.291	4.341	8.681	2		
		0.384	34.214	89		
			42.895	91		
0.000	11.237	3.842	7.683	2		
		0.342	30.427	89		
			38.111	91		
0.000	8.859	1.963	3.927	2		
		0.222	19.725	89		
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0.42	*0.66	10	
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The Extent to Which Science Teachers in Al- Karak Governorate Possess the Instructional Technology Competencies

*Hassan Ali Bani Domi **

ABSTRACT

This study aimed to identify the degree to which science teachers possess the instructional technology competencies from their perspective. The sample of the study consisted of (92) male and female teachers from the public schools in the educational directorate of Al-Karak. To achieve the purpose of the study, the researcher designed a questionnaire of (116) competencies distributed on seven domains. Means, standard deviations, one-way ANOVA and t-test were used. The results showed that science teachers possess (84) competencies at a high level, (31) at a middle level and one at a low level. The results also showed that there were statistical significant differences in the degree of using the instructional technology competencies due to gender, in favor of females in four domains which were: instructional design, instructional media choice, functional use of instructional media and science laboratories. The results also showed that there were statistical significant differences due to experience in five domains and in the questionnaire as a whole.

Keywords: Competencies of science teachers, Instructional technology competencies, Instructional media.

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