

Professional competencies of teachers and job satisfactory with an emphasis on constructivism

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Abstract

The purpose of this article is study about the relation between middle school teacher's job satisfactory and their competency; also measuring the level and amount of this professional competency based on constructivism approach. The study type is applied research and descriptive (mean and frequency) and in inferential statistics part, mean, independent t-test, single t-test, and Pearson correlation coefficient methods has been used. The competency for constructivism test was used by means of questionnaire. Reliability of the constructivism professional competency questionnaire based on Cronbach's alpha was 0.98 and for questionnaire of job satisfactory based on Cronbach's alpha was 0.81. Middel school teachers (164 male and 177 female teaching during 2016-2017) in Baharestan area were the participants .For sampling, Census method has been used. Results of independent t-test showed that teachers have an average amount of constructivism professional competency. Based on Pearson correlation coefficient between job satisfactory and constructivism professional competency is 0.37. In whole, results showed that teachers who have higher job satisfactory will have a higher amount of constructivism professional competency.

Table 2: One-Sample T Test statistics

	Mean	t	Df	Mean difference	Sig
Professional competency	3.76	112.39	262	0.76	0.00

Table 3: Pearson correlation

	Professional Competency	Job Satisfactory
Professional Competency	1	0.37
Job Satisfactory	0.37	1

Table 4: The mean and Std. Deviation of two groups of job satisfactory

Job satisfaction	N	Mean	Std. Deviation
First group	117	3.82	0.38
second group	145	3.92	0.27

Table 5: Independent sample t test for two groups of job satisfactory

	Levene test		t-test				
	f-test	Sig	t-test	Sig	df	Mean diffrance	Std. Deviation
Job satisfactory	3.25	0.00	-2.36	0.019	260	-0.096	0.40
			-2.28	0.024			

Conclusions

This paper presented a work on the relation between middle school teacher's job satisfactory and their competency. The following values are drawn from the quantitative results, furthermore the following results are obtained:

- teachers have an average amount of constructivism professional competency.
- job satisfactory and constructivism professional competency has relation.
- that teachers who have higher job satisfactory will have a higher amount of constructivism professional competency.