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Statistical Package for) " SPSS "

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ABSTRACT

The effectiveness of a suggested program based on multiple intelligences on the achievement development , mathematical thinking , and postpone learning impact of students at basic stage governorate of Gaza

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The effectiveness of a suggested program based on multiple on multiple intelligences on the achievement development , mathematical thinking , and postpone learning impact of students at basic stage governorate of Gaza

This study aimed at identify the effectiveness of the program proposed in the multiple intelligences to develop collection and mathematical thinking among students in the basic stage Governorate of Gaza, was used in this study, the experimental approach, The sample consisted of (122) students divided into two groups; the experimental group consisted of (61) student and the control group consisted of (61) students;

The study instruments were observation card to assess the multiple intelligences and an achievement test in a spherical geometry of the second book for the tenth grade basic and test in mathematical thinking SPSS was applied to answer the research question , The findings of the study there were differences between the students of the experimental group and control group in achievement test of the experimental group, and there were no differences the perform between groups in the test thinking dimensional, There were differences between the perform groups in the achievement test in behalf The study recommended the application of multiple intelligences with a room multi-source and runs using the forms of mathematics, graphics, and in-service teacher education to address the theory of multiple intelligences .

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. (42 : 2001)

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. (33 : 2005) :

.(3 : 2006).

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(Hoerr, 2002 : b)

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: **Linguistic Intelligence** () .1

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. (2 : 2006) .

(8 : 2006)

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. (170 : 2004)

: **Mathematical Intelligence** .2

(146 : 2005) .

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(10 : 2003) .

. (171 : 2004)

: Spatial Intelligence .3

(2 : 2006) .

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. (55 :2004

(11 :2003) .

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: Kinesthetic-Bodily Intelligence .4

. (11 :2003)

: Musical Intelligence .5

.(16 : 2003) (23: 2001)

.(34 : 2005)

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: Interpersonal Intelligence () .6

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(105: 2003) (3: 2006).

: 2005).

: Interpersonal Intelligence () .7 .(35

. (172 : 2004)

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:Natural Intelligence .8

.(3 : 2006)

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. (173 : 2004

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(9 : 2006

: Existential Intelligence .9

. (16 : 2003) .

Standards for School Mathematics

(12 : 2005)

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: Standards for Mathematics Content :

: Number and Operations ()

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: Algebra

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: Geometry

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: Measurement

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Data analysis and Probability ()

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Standards for Mathematics Process _____ :

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: Reasoning and Proof

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: Communication

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: Connections

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: Representation

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	32	6/10	
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					2.03765	4.689	61	

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		(Pearson)	.2
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0.05	1,980	4.548	4.11376	12.321 4	61	

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(Pociazk, 2007) "

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(Hoerr, 2002)

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	: (2002)	-11
	: (2000)	-12
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	" (2010)	-14
"	" (2005)	-15
	http://www.domaindlx.com/mibadr/articles/view.asp . 2010/1/5	
1	: (2004)	-16
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	:(2003)	-22
	2 15	
	:(2009)	-23
	:(2009)	-24
	:(2006)	-25
	:(2007)	-26
1	:(2004)	-27

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