

2007-

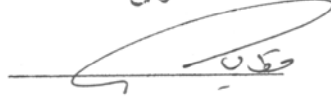
## قرار لجنة المناقشة

نوقشت هذه الأطروحة (فاعلية برنامج تدريبي لتنمية التفكير الحدسي وأثره على تنمية التفكير

الإبداعي لدى طالبات الصف العاشر الاساسي) واجيزت بتاريخ 2006/12/20

التوقيع

اعضاء لجنة المناقشة:



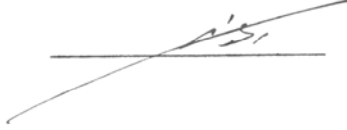
الدكتور يوسف قطامي، مشرفاً

استاذ علم نفس تربوي - تعلم ونمو



الدكتور محمد الريماوي، عضواً

استاذ علم نفس تربوي - تعلم ونمو



الدكتورة رعدة شريم، عضواً

استاذ مشارك علم نفس تربوي - تعلم ونمو



الدكتور عبد الله زيد الكيلاتي، عضواً

استاذ علم نفس تربوي - قياس و تقويم

(جامعة عمان العربية)

تعتمد كلية الدراسات العليا  
هذه النسخة من الرسالة  
التوقيع.....التاريخ.....





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(Williams,&Irving,1996).

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(Hartung&Blusien,2002)

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**:( Fluency)**

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(Wallace,1985)

( Clark,1992)

(Taylor, 1959)

:Expressive

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:Productive/Technical

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:( Inventive )

▪

(Bell ) (Marconi ) (Edison )

:(Innovative)

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( Freud )

(Jung& Adler)

( Copernicus)

.(Taylor.1959)

:( Imaginative )

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(Freud ) (Einstein)

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**:(Incubation)**

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**:(Persistence)**

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**:(Illumination)** :

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( Giaffrida, 1997) "

**(Verification)** :

.( Mayer,1992)

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(Hammond,1997)

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(Ciupprida, 1997)

(Bahm, 1985)

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(Perfectintution )

(Imprefectintution )

( Emery,1994)

(Masser , 1967)

(Emery, 1994)

(Guilford,1961)

(Williams & Irving, 1996)



(Baylor, 1997).

(Policastro, 1995)

(Wallas )

(Udall, 1996)

(Getzel )

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(Saturation)

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١- استبصار أولى First Insight


٢- تشبع أو تشرب Saturation

٣- اختمار Incubation

٤- اشراق Illumination

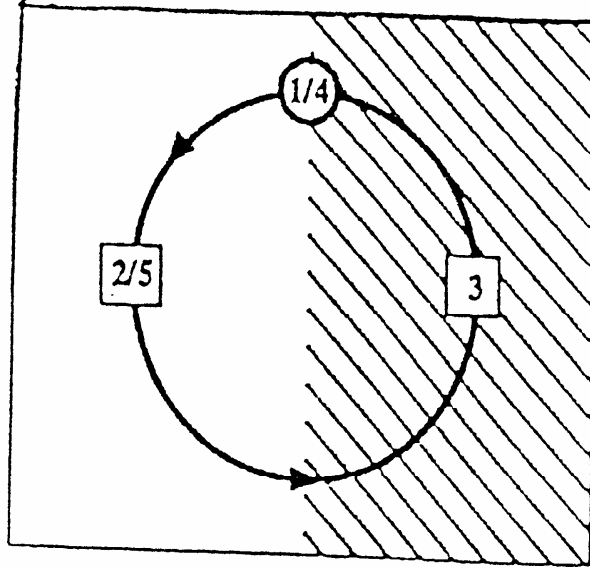
٥- تحقق Verification

مجال عقلي:

 Intellectual Domain

مجال حدسي:

 Intuitive Domain

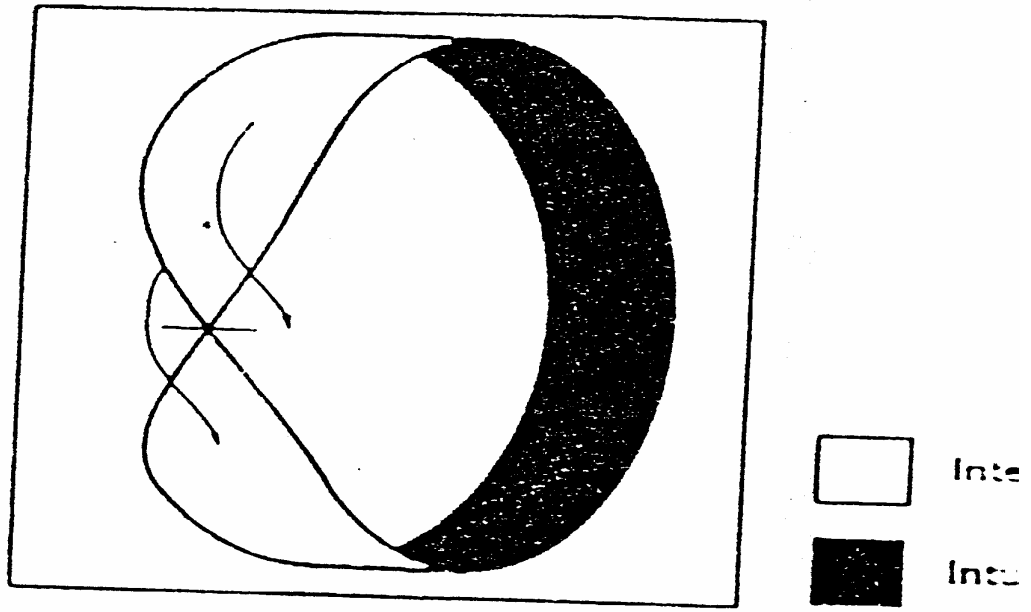


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(Udall, 1996)

(Möbius)





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(Markley, 1988)

( Intuitive Capacities )

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(Bowers, Regehr, Balthazard, & Parker

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(Vaughan, 1979)

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(Goldberg,1989)

: (Intuitive Discovery ) -1

: (Creative Intuition ) -2

(Intuitive Evaluation ) -3

(Operative Intuition )	-4
(Intuitive Illumination ) :	-5
( Intuitive Predictions ) :	-6
	(2005)
(Sudden Appearance )	(Quick ) -
	(Emotional) -
	(Preconscious Process ) -
(Analytic and logic thought )	-
	-
(Feelings and Emotions )	-
	-
	(Creativity ) -
(Egocentricity )	-
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.Intuition uses subjective (certainty )	-

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(Ability & Knowledge )	-
.(Global)	-
.(incomplete )	-
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.(Relations )	-
.(Dependence on Environment )	-
.(Transfer & Transposition )	-
	( Cappon,2004)
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.(Mayer, 2005)

.(David & Mayer,2002)

(Mayer)

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(Pawel Lewicki )

(Tulsa)

.(David & Mayer,2002)

(Mayer)

: ( Anne Lamont )

(Hartung&Blusien,2002)

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(Charles Carfield )

( Hartung&Blusien,2002) ( Jagdishparikh )

(Charles Keifer )

( Hartung&Blusien,2002

(Kiefer)

.(Hartung&Blusien,2002)

(Harvard )

(Henry Minzberg)

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(ColdBerg,1998)

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.(Hartung&Blusien,2002)

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( David & Mayers,2002)

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(Abadi,

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( Capra.1994)

. (Cheshire,1996)

(Houtz and Frankel, 1992)

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(Blake)

(Four Fold vision )

.(Lindauer,Orwoll&Kelley,1997)

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.(Extrasensory Perception

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(Osborn

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(Policastro, 1995)

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(Policastro, 1995).

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(Intuitive thinking)

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. (Reasoning ) (Logic)

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(Guessing)

(Fluency)

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(Flexibility )

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(Insight)

(Analysis)

(Reasoning )

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(Simonton, 1985)

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(Briggs & Meculley, 1986)

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(MBTI)

(Gardner, 1987)

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(Kagan, 1988)

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(Wonder & Blake , 1992)

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(Khand Walla, 1993) -

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(Nicola, 1994)

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(Mihday Csik Szent, 1996)

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.(Torrance & Sato , 1997)

(Gardner, 1987)

(Hammond, 1997)

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(Dixon & Moore, 1997)

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(Burley & Handler)

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(Janesisck, Valerle J, 2000)

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(Pas de deux)

(Richard, 2004)

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(John D.F, 2005)

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(Rockenstein, 1988)

( Rate)

(Capacity )

Visionary

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Experiential

.(Clarkson & Leigh, 1992)

(Wilkening,F.Schwarzer,&Ruemmele.(1997))

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(Torrance & Rockenstein, 1988)

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Implicit code

(Laszlo, 1994)

(Policastro,

1995)

(Udall, 1996, Wheatly,Anthony&Maddox) 1991)

.(Lubart,1997)

(Shirley,& Fox, 1996)

( Intuitive Talent )

. (Agor, 1991)

(Beveridge)

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(Huitt, 1992).

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(Torrance 1990)

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( Torrance & Jepta ,1941)

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.(0.01 $\geq\alpha$ )

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. (0.01 $\geq\alpha$ )

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.(0.01 $\geq\alpha$ )

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.( Torrance, 1990)

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* .0001	.954	30	

 $0.05 \geq \alpha$ 

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(.911)                      (.899)                      (.945)

(.954)

( $0.01 \geq \alpha$ )

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( Capoon, D. 2004)

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(Torrance, 1990).

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(Ancova )



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(Ancova)

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29.87	141.80	
13.49	119.33	
25.62	130.57	

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(0.05 $\geq$  $\alpha$ )(0.05 $\geq$  $\alpha$ )

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(0.05 $\geq$  $\alpha$ )

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* 0.006	8.224	1507.841	1	1501.841	
* 0.000	113.568	20738.675	1	20738.68	
* 0.000	88.159	16098.729	1	16098.73	
		182.610	57	1048.79	
			59	38718.73	

 $0.05 \geq \alpha$ 

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(9) (8) (7) (6) (5))

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18.26	79.07	
8.75	77.33	
14.23	78.20	

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77.33

(6)

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*0.000	143.053	8505.488	1	8505.844	
*0.000	49.152	2922.448	1	2922.448	
		59.457	57	3389.045	
			59	11939.60	

 $0.05 \geq \alpha$ 

\*

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(6)

 $(0.05 \geq \alpha)$ 

49.15

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 $(0.05 \geq \alpha)$ 

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13.20	55.37	
4.48	36.67	
13.64	46.02	

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.(4.84 )

(36.67)

(8)

* 0.000	16.051	125.367	1	1259.367	
* 0.000	56.699	4448.629	1	4448.629	
		78.461	57	4472.267	
			59	10976.98	

 $0.05 \geq \alpha$ 

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 $(0.05 \geq \alpha)$ 

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 $(0.05 \geq \alpha)$ 

56.699

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2.85	7.37	
2.06	5.33	
2.67	6.35	

(9)

2.85                      7.37  
 .2.06                      5.33

(10)

*.000	33.037	131.226	1	131.226	
*.001	11.793	46.842	1	46.842	
		3.972	57	226.407	
			59	419.650	

 $0.05 \geq \alpha$ 

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$(0.05 \geq \alpha)$

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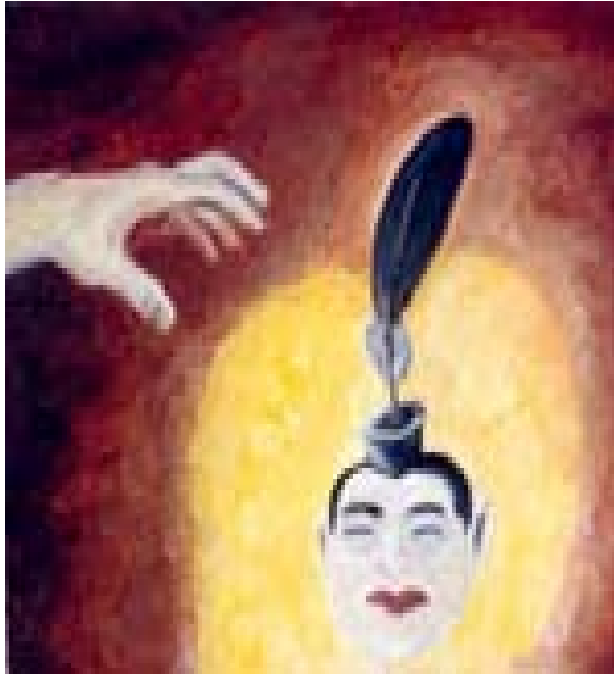


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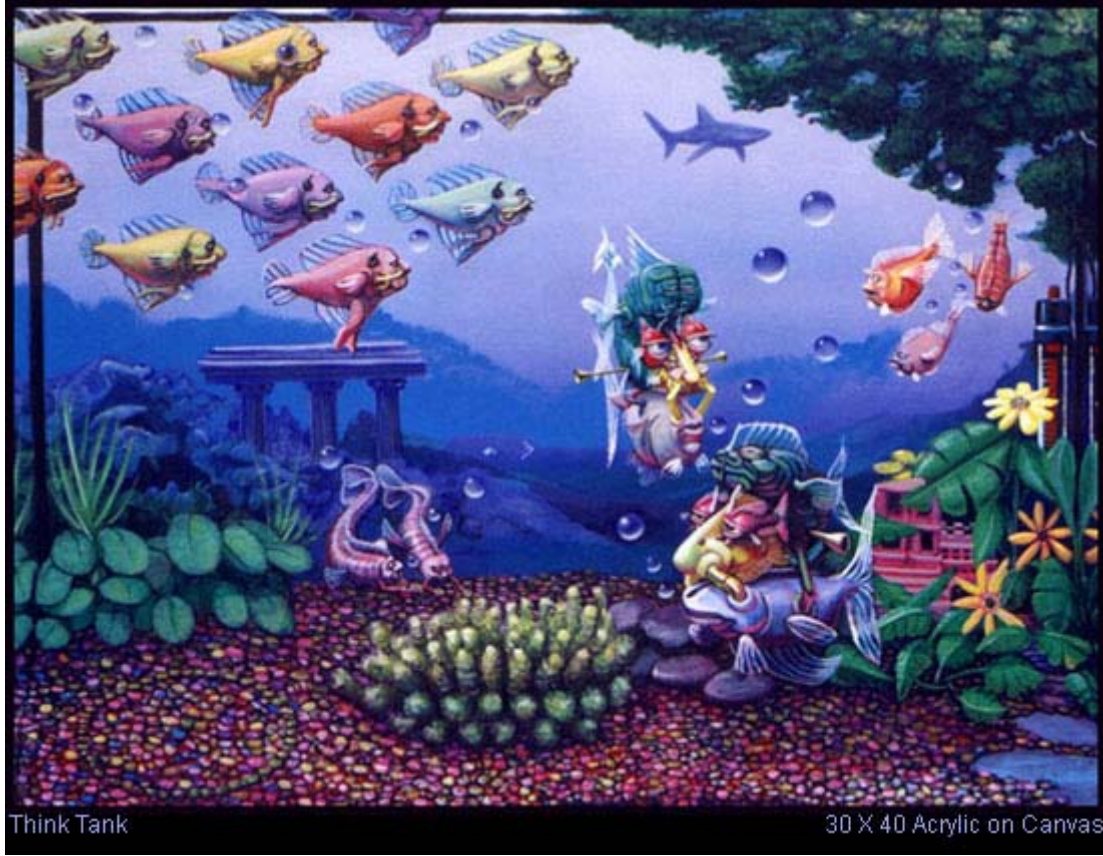
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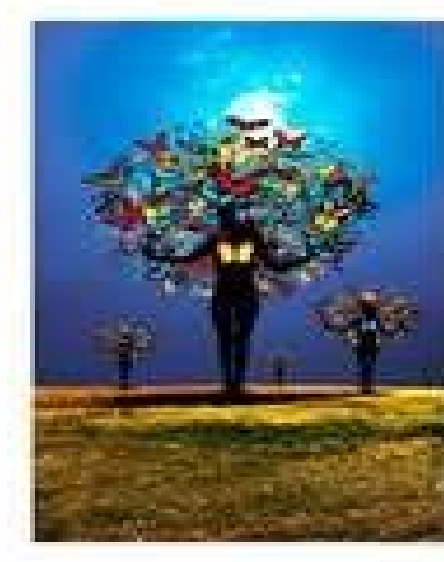
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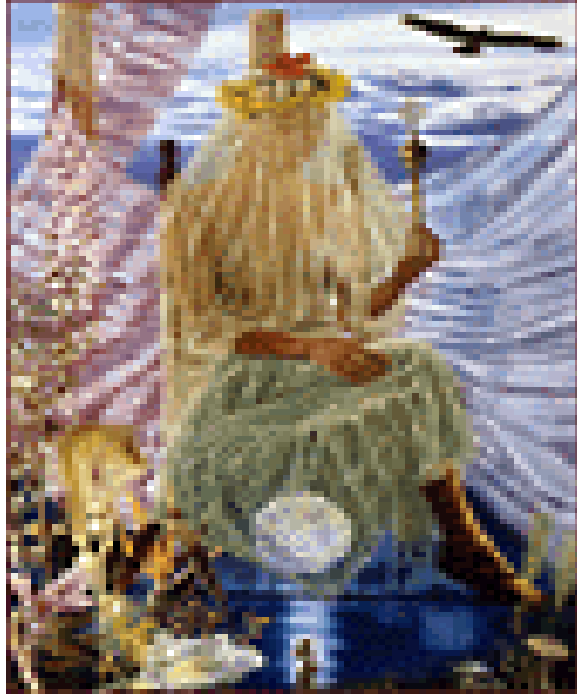


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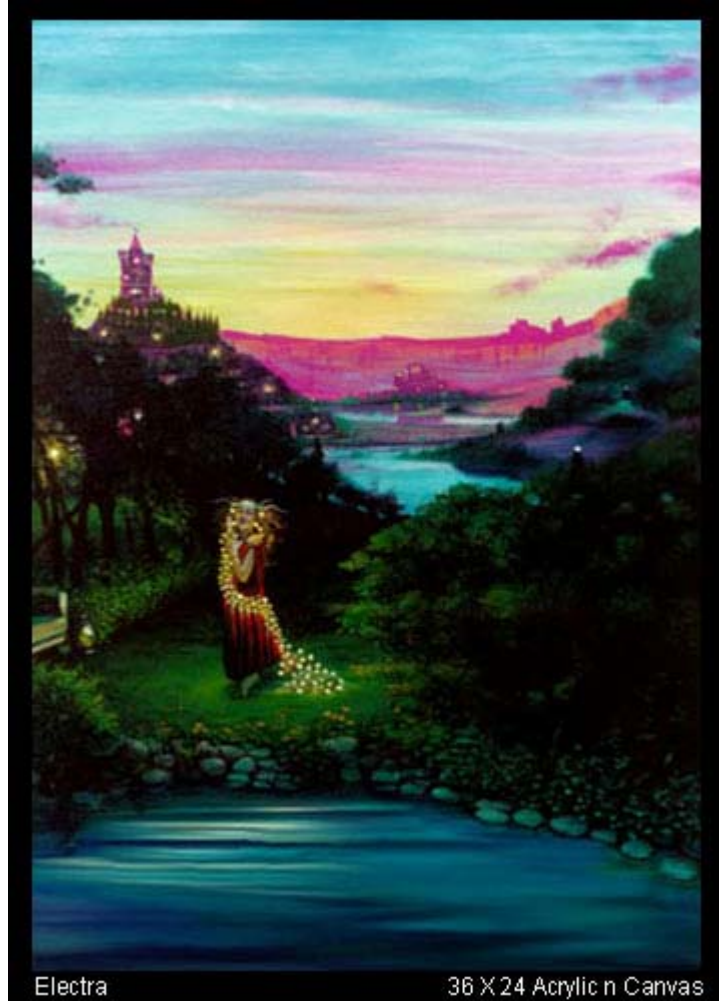
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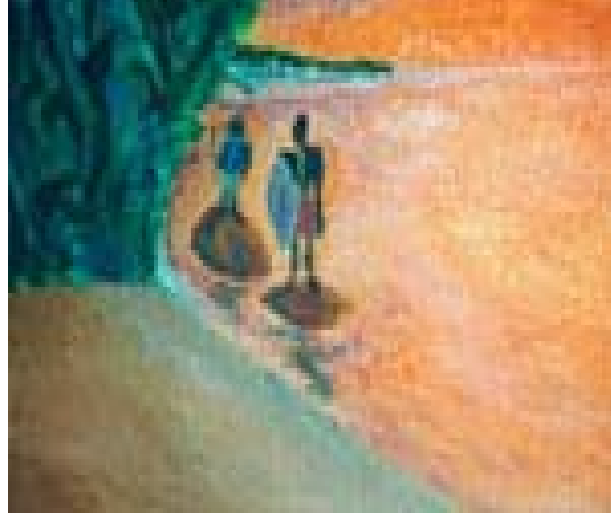
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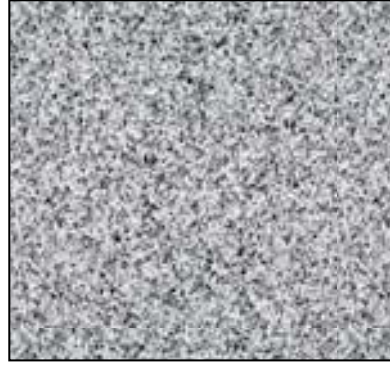
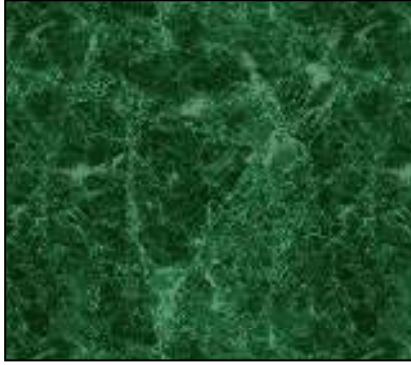
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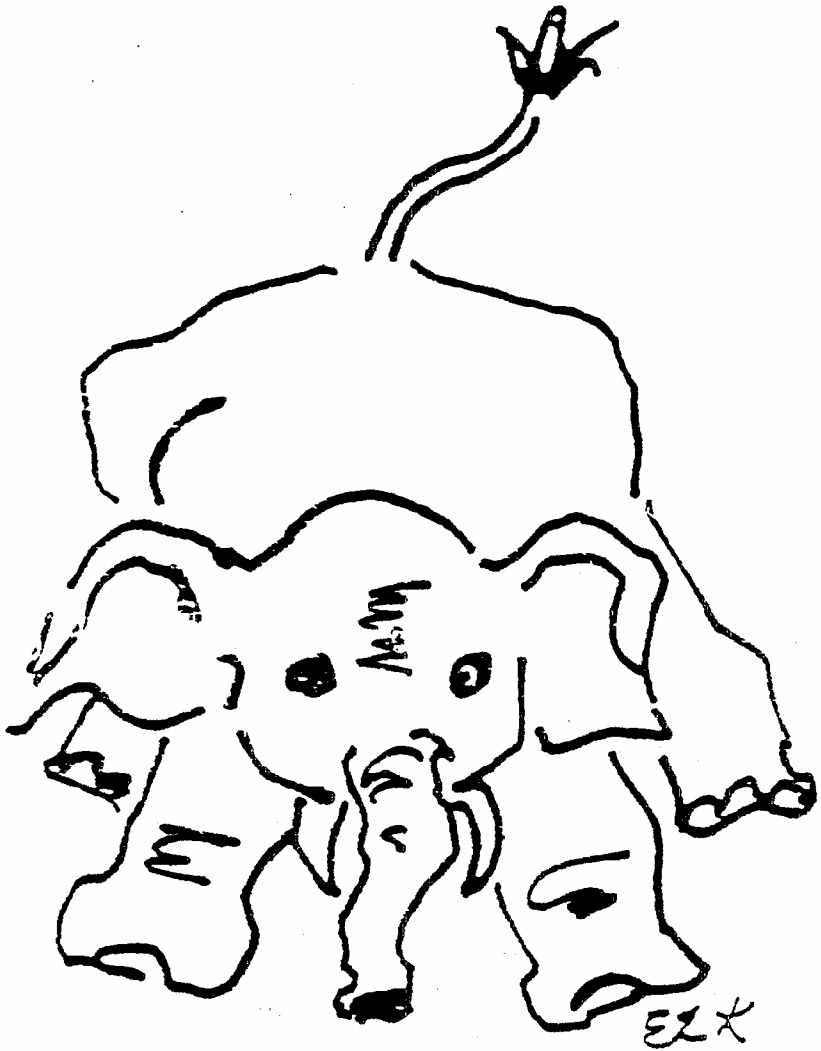
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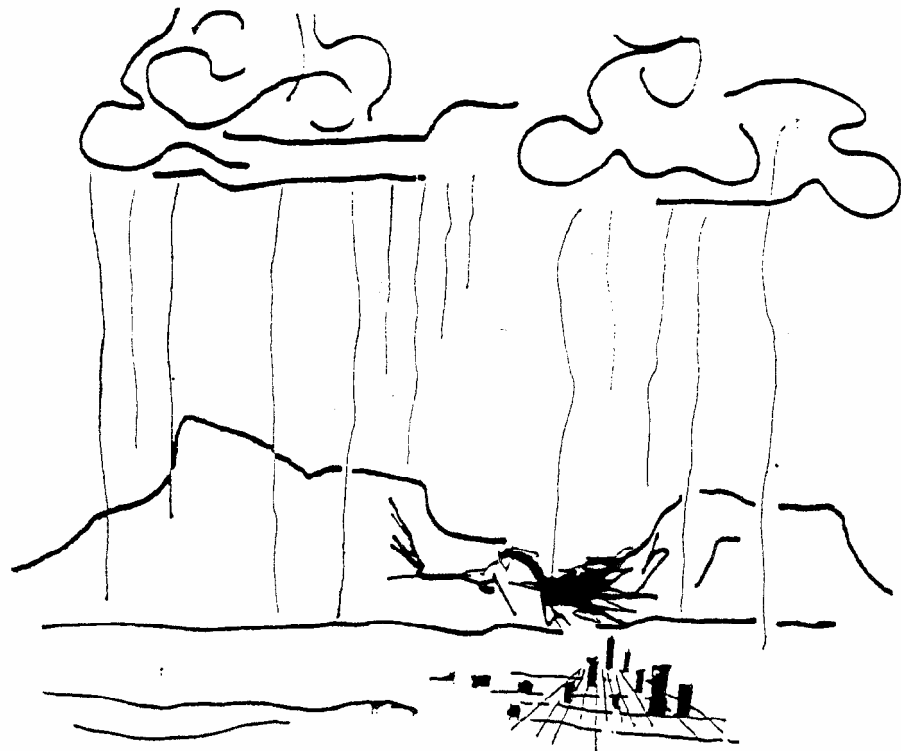
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# THE EFFICACY OF A TRAINING PROGRAM ON INTUITIVE THINKING AND ITS IMPACT ON CREATIVE THINKING AMONG 10<sup>th</sup> GRADERS.

By  
**Intisar Khaleel Asha**

Supervisor  
**Dr. Yusuf Qutami Prof.**

## ABSTRACT

This study aimed at identifying the Efficacy of a training program on intuitive thinking and its impact on creative thinking among 10<sup>th</sup> graders.

To answer this main question, a sample of 60 female students were purposively chosen from U.N.R.W.A. schools in Jordan: first and second Nazzal preparatory girls' schools in South Amman, and they were randomly assigned to form two groups: experimental and control.

The two experimental and control groups were both tested by Torrance Creative thinking test (interpreted by Saleh Abou Jado, 2003) as a pre measurement to their level of creativity.

T- test for independent samples was implemented to find out previous differences between Means of the two study groups. The differences yielded no statistical significance.

A training program was developed in reference to Daniel Cappon's Intuitive theory, and was implemented in 40 sessions with the experimental group, each session 60 minutes.

The two experimental and control groups were then assigned a post test on the same Torrance Scale for creative thinking.

Descriptive statistics has been obtained, and the Analysis of covariance (Ancova) was implemented to identify the impact of this training program on creative thinking.

The results revealed a significant statistical difference in favor of the experimental