

















Program Development	
 Place Recognition Figure 	
(Light/Single Slit/Screen)	
 Change the color 	
 Change the width of Slit 	
 Change the distance between 	
screen and slit	
(Use the Virtual buttons on the figures	
OR buttons below the screen)	



General statistics		
***	W	
Total Number	Valid	Recovered Number
70	68	70
	00	/0
paired sample Z test f	for class A and class	s B on <u>the pretest</u> result
a paired sample Z test f A sign	for class A and class	is B on <u>the pretest</u> result > 0.05
A paired sample Z test f A sign	ior class A and clas	s B on <u>the pretest</u> result > 0.05

Subject	Basi	is	Exte	nsion
Statistics	AVERAGE	Sd	AVERAGE	Sd
Class A	4.6	1.03	4.24	1.37
Class B	4.03	1.74	3.23	1.42
AVERAG	E For Basis :	A > B	T-test	
	For Exten	sion : A > I	B Sig = 0.025	5 < 0.05

Data Collection & Analysis Process and Method

Data Analysis of Process Test-Estimated Marginal Means (ANCOVA)

Class Mean	Maan	Chil France	95% Confidence Interval	
	SIG. Error	Lower Bound	Upper Bound	
A	2.149ª	.225	1.699	2.599
в	1.560ª	.218	1.124	1.996

ANCOVA sig = 0.078 > 0.05 But the average : A > B

Data Collection & Analysis Emotional Attitude

Descriptive Statistics of the Results of Process Test of Class A

	Pretest		Posttest		Ŋ
Statistics	AVERAGE	Sd	AVERAGE	Sd	
Cognitive	8.64	0.93	9.36	1.48	4
Emotional	11.42	1.51	12.33	1.54	
Behavior	13.73	1.68	15.91	1.76	

The Significant of pre and post test:

Cognitive(\times) Emotional(\times) Behavior($\sqrt{}$)

A possible interpretation : Originally level is high





