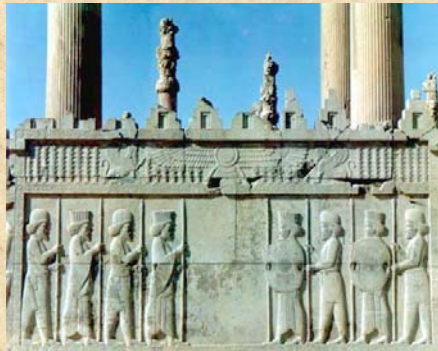
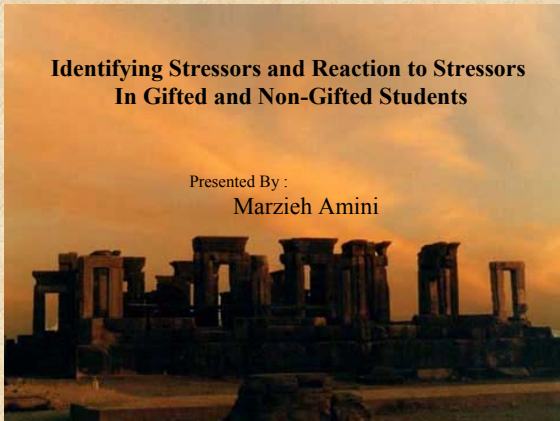


Identifying Stressors and Reaction to Stressors In Gifted and Non-Gifted Students

Presented By :
Marzieh Amini



a) Stressors

- 1 - Frustration
- 2 - Conflict
- 3 - Pressure
- 4 - Change
- 5 - Self-Imposed

b) Reaction to Stressors

- 6 - Physiological
- 7 - Emotional
- 8 - Behavioral
- 9 - Cognitive

Number Percentage of Girls and Boys / Gifted and Non-Gifted Students

Type of Students	Sex		boys		girls		total	
	N	%	N	%	N	%		
Gifted	68	43.59	88	56.41	156	45.88		
Non-Gifted	89	48.37	95	51.63	184	54.12		
Total	157	46.18	183	53.82	340	100		

Means and Standard Deviations of Gifted and Non-gifted Students' Scores on SSI

Categories	Gifted Students (N = 156)		Non-gifted Students (N = 184)		t
	M	SD	M	SD	
a) Stressors					
1 - Frustration	16.07	4.02	16.39	4.03	.73
2 - Conflict	8.45	2.28	8.39	2.34	.23
3 - Pressure	11.62	3.11	10.78	3.28	2.42
4 - Change	6.92	2.66	7.51	2.28	1.92
5 - Self-imposed	20.73	3.48	21.30	3.7	1.45
b) Reactions to Stressors					
1 - Physiological	25.81	8.07	27.41	8.02	1.72
2 - Emotional	11.58	3.45	12.40	3.72	2.07
3 - Behavioral	15.14	4.10	15.75	4.19	1.34
4 - Cognitive	7.18	1.66	5.92	2.03	6.18 *

* P < .0001

Means and Standard Deviations of Gifted Boys and Girls' Scores on SSI

Categories	Boys (N = 68)		Girls (N = 88)		t
	M	SD	M	SD	
a) Stressors					
1 - Frustration	17.44	3.83	15.01	3.86	3.91*
2 - Conflict	8.10	2.34	8.72	2.21	1.70
3 - Pressure	11.32	3.27	11.86	2.99	1.07
4 - Change	6.98	2.44	6.88	2.83	.22
5 - Self-imposed	19.95	3.39	21.34	3.44	2.50
b) Reactions to Stressors					
1 - Physiological	25.95	9.79	25.70	6.50	.19
2 - Emotional	10.57	3.64	12.37	3.10	.33**
3 - Behavioral	14.38	4.55	15.73	3.63	2.07
4 - Cognitive	7.13	1.45	7.22	1.81	.35

* p < .0001 ** p < .001

Interaction between Sex and Type of students (Gifted / Non-Gifted)

	Boys	Girls
Gifted	N = 68 M = 7.13 $\sigma = 1.45$	N = 88 M = 7.22 $\sigma = 1.81$
Non_Gifted	N = 89 M = 6.42 $\sigma = 2.22$	N = 95 M = 5.45 $\sigma = 1.72$

Descriptive data of SEI in girls and boys (gifted and non-gifted)

	Girls		Boys	
	Gifted	Non-Gifted	Gifted	Non-Gifted
N	88	95	68	89
M	18.12	15.34	17.44	15.51
Med.	19.00	16.00	18.50	16.00
SD	4.75	4.65	4.18	4.47
P ₂₅	16.00	12.00	15.00	12.50
P ₅₀	19.00	16.00	18.50	16.00
P ₇₅	22.00	19.00	21.00	19.00

Descriptive data of SSI in girls and boys (gifted and non-gifted)

	Girls		Boys	
	Gifted	Non-Gifted	Gifted	Non-Gifted
N	88	95	68	89
M	122.42	129.40	119.58	122.46
Med.	122.00	128.00	119.00	122.00
SD	19.23	22.06	21.32	22.03
P ₂₅	108.25	113.00	106.25	107.00
P ₅₀	122.00	128.00	119.00	122.00
P ₇₅	136.00	143.00	130.00	136.00

