

Students perspectives on itself and on the school work

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Overview

Construction of two scales to help the teacher to understand the students.

One scale in Academic Area

One Scale in Pro-Academic Area

Academic Scale (AS)

Linguistic

Logical-Mathematical

Naturalist

Visuo-Spatial

Audio-Musical

Motor Coordination and Corporal Expression

Sources of Help

Pro-Academic Scale (PAS)

Attention

Memory

Interpersonal

Aggression

Victimization

Acceptance

Intrapersonal

Motivation

Self-concept

Self-discipline

Health

Family

Sources of Help

Methodological Procedures

Sample

Table 1 AS - Sample distribution by age, educational levels and sex

Age	1st level (3rd and 4th Grades)		2nd level (5th e 6th Grades)		Total
	Female	Male	Female	Male	
8	16	11	0	0	27 (18%)
9	22	21	0	0	43 (28%)
10	5	10	12	13	40 (26%)
11	1	0	13	8	22 (14%)
12	0	0	5	5	10 (7%)
13	0	0	2	3	5 (3%)
14	0	0	3	3	6 (4%)
Total	44 (51%)	42 (50%)	35 (52%)	32 (48%)	153 (100%)
	86 (56%)		67 (44%)		

Table 2 PAS – Sample distribution by age, educational levels and sex

Age	1st level (3rd and 4th Grades)		2nd level (5th e 6th Grades)		Total
	Female	Male	Female	Male	
8	15	11	0	0	26 (17%)
9	22	22	0	0	44 (30%)
10	5	10	10	12	37 (25%)
11	1	0	20	6	27 (18%)
12	0	0	1	9	10 (7%)
13	0	0	0	4	4 (3%)
Total	43 (50%)	43 (50%)	31(50%)	31(50%)	148 (100%)
	86 (58%)		62 (42%)		

Internal Consistency: Alpha of Cronbach and Nunaly's Table.

Results & Discussion

Table 3 - Study of the internal consistency of the dimensions of the AS

Academic Scale			
Dimension	Initial number of items	Final number of items	Cronbach's Alfa
Linguistic	55	55	0.889
Logical-Mathematical	28	28	0.840
Naturalist	16	16	0.829
Visuo-spatial	23	23	0.817
Audio-musical	19	16	0.774
Motor Coordination and Corporal Expression	15	13	0.637

Results & discussion

Table 4 Study of the internal consistency of the dimensions of the PAS

Pro-Academic Scale			
Dimension	Initial number of items	Final number of items	Cronbach's Alfa
Attention	22	22	0.706
Memory	13	7	0.703
Interpersonal - Aggression	24	24	0.878
Interpersonal - Victimization	10	9	0.715
Interpersonal - Acceptance	14	14	0.754
Intrapersonal - Motivation	18	16	0.719
Intrapersonal - Self-concept	11	11	0.708
Intrapersonal - Self-discipline	31	28	0.774
Health	8	7	0.649
Family	6	6	0.163

Conclusion

After the experimental application of the scales, we observed that three dimensions will be excluded and the remaining items are still in an excessive number.

Thus, it is important to continue with an exploratory analysis from the data.

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Thank you for your attention!