

School Discipline Problems–Principals’ Reports Scale, Fourth Grade

The School Discipline Problems–Principals’ Reports (DAS) scale was created based on principals’ responses concerning the ten potential school problems described below.

Items in the TIMSS 2015 School Discipline Problems–Principals’ Reports Scale, Fourth Grade

T	ACBG16A	Arriving late at school
T	ACBG16B	Absenteeism
T	ACBG16C	Arriving late at school
T	ACBG16D	Absenteeism
T	ACBG16E	Arriving late at school
T	ACBG16F	Absenteeism
T	ACBG16G	Arriving late at school
T	ACBG16H	Absenteeism
T	ACBG16I	Arriving late at school
T	ACBG16J	Absenteeism

T Trend item—item was included in the same scale in TIMSS 2011 and was used for linking the TIMSS 2011 and TIMSS 2015 scales.

Equivalence Table of Raw and Transformed Scale Scores for the TIMSS 2015 School Discipline Problems - Principals Reports Scale, For Each Grade

Raw Score	Transformed Score	Grade
0	3.217	
1	7.773	
2	7.2	
3	7.27	
	7.227	
	.01	
	.27112	
7	.312	
	7.71	
	7.717	
10	.70	
11	.7770	
12	7.10707	
13	7.2377	
1	7.3713	
17	7.712	7.
1	7.737	
17	7.1721	
1	7.23	
1	.172	
20	.321	
21	.10	
22	.32	
23	.1220	
2	.	
27	.77	.7
2	10.132	
27	10.731	
2	11.027	
2	11.707	
30	12.232	

Table 15.1: Equivalence Table of Raw and Transformed Scale Scores for the TIMSS 2015 School Discipline Problems - Principals Reports Scale, For Each Grade

Cronbach's Alpha Reliability Coefficient and Principal Components Analysis of the Items in the TIMSS 2015 School Discipline Problems - Principals Reports Scale, Fourth Grade

Item	Item Mean	Item SD	1	2	3	4	5	6	7	8	9	10	11	12
1. I have a policy for dealing with students who do not follow the school rules	0.2	2	0.71	0.7	0.7	0.7	0.	0.2	0.7	0.77	0.7	0.77		
2. I have a policy for dealing with students who do not follow the school rules	0.7	7	0.0	0.	0.2	0.2	0.0	0.3	0.1	0.2	0.7	0.3		
3. I have a policy for dealing with students who do not follow the school rules	0.7		0.7	0.2	0.7	0.7	0.	0.72	0.71	0.7	0.77	0.73		
4. I have a policy for dealing with students who do not follow the school rules	0.3	1	0.7	0.71	0.2	0.7	0.	0.3	0.	0.7	0.3	0.77		
5. I have a policy for dealing with students who do not follow the school rules	0.		0.3	0.77	0.	0.	0.7	0.0	0.7	0.	0.7	0.7		
6. I have a policy for dealing with students who do not follow the school rules	0.		0.72	0.7	0.72	0.7	0.2	0.	0.72	0.	0.77	0.72		
7. I have a policy for dealing with students who do not follow the school rules	0.1	7	0.73	0.	0.7	0.70	0.3	0.3	0.7	0.7	0.2	0.77		
8. I have a policy for dealing with students who do not follow the school rules	0.1	3	0.	0.3	0.2	0.7	0.70	0.71	0.1	0.7	0.72	0.7		
9. I have a policy for dealing with students who do not follow the school rules	0.3	2	0.71	0.7	0.	0.77	0.7	0.0	0.1	0.0	0.7	0.7		
10. I have a policy for dealing with students who do not follow the school rules	0.		0.7	0.1	0.7	0.73	0.73	0.7	0.77	0.7	0.7	0.7		
11. I have a policy for dealing with students who do not follow the school rules	0.3	0	0.3	0.	0.3	0.3	0.	0.70	0.1	0.	0.3	0.3		
12. I have a policy for dealing with students who do not follow the school rules	0.2	1	0.7	0.7	0.	0.2	0.71	0.70	0.72	0.	0.77	0.72		
13. I have a policy for dealing with students who do not follow the school rules	0.3	3	0.2	0.2	0.1	0.	0.7	0.7	0.7	0.1	0.7	0.7		
14. I have a policy for dealing with students who do not follow the school rules	0.0	73	0.1	0.7	0.71	0.7	0.0	0.7	0.7	0.77	0.7	0.77		
15. I have a policy for dealing with students who do not follow the school rules	0.7	71	0.	0.7	0.	0.	0.1	0.7	0.	0.7	0.7	0.7		
16. I have a policy for dealing with students who do not follow the school rules	0.0	7	0.71	0.71	0.77	0.	0.73	0.7	0.73	0.77	0.77	0.		
17. I have a policy for dealing with students who do not follow the school rules	0.3	3	0.7	0.7	0.72	0.77	0.77	0.70	0.7	0.7	0.71	0.27		
18. I have a policy for dealing with students who do not follow the school rules	0.2	0	0.71	0.0	0.7	0.77	0.	0.0	0.7	0.	0.0	0.73		
19. I have a policy for dealing with students who do not follow the school rules	0.7	0	0.7	0.	0.3	0.	0.	0.	0.3	0.3	0.2	0.2		
20. I have a policy for dealing with students who do not follow the school rules	0.2	7	0.77	0.7	0.7	0.77	0.7	0.2	0.7	0.2	0.7	0.77		
21. I have a policy for dealing with students who do not follow the school rules	0.7	71	0.73	0.77	0.	0.7	0.1	0.0	0.7	0.72	0.3	0.77		
22. I have a policy for dealing with students who do not follow the school rules	0.7		0.7	0.	0.70	0.7	0.	0.2	0.3	0.0	0.2	0.3		
23. I have a policy for dealing with students who do not follow the school rules	0.2	1	0.7	0.3	0.7	0.7	0.7	0.	0.0	0.	0.7	0.7		
24. I have a policy for dealing with students who do not follow the school rules	0.	7	0.2	0.71	0.	0.	0.7	0.	0.0	0.7	0.0	0.		
25. I have a policy for dealing with students who do not follow the school rules	0.	1	0.7	0.	0.	0.7	0.7	0.7	0.	0.	0.2	0.		
26. I have a policy for dealing with students who do not follow the school rules	0.	7	0.77	0.	0.7	0.2	0.	0.3	0.3	0.	0.2	0.1		
27. I have a policy for dealing with students who do not follow the school rules	0.	7	0.	0.7	0.7	0.0	0.	0.	0.2	0.3	0.7	0.7		
28. I have a policy for dealing with students who do not follow the school rules	0.2	3	0.7	0.72	0.7	0.72	0.73	0.7	0.73	0.7	0.7	0.3		
29. I have a policy for dealing with students who do not follow the school rules	0.7		0.7	0.	0.	0.7	0.	0.	0.	0.	0.2	0.		
30. I have a policy for dealing with students who do not follow the school rules	0.7		0.3	0.0	0.3	0.7	0.7	0.7	0.72	0.	0.7	0.7		
31. I have a policy for dealing with students who do not follow the school rules	0.3		0.0	0.3	0.7	0.7	0.1	0.73	0.0	0.7	0.77	0.		
32. I have a policy for dealing with students who do not follow the school rules	0.	3	0.73	0.	0.0	0.0	0.77	0.77	0.7	0.	0.77	0.72		
33. I have a policy for dealing with students who do not follow the school rules	0.7		0.77	0.0	0.7	0.7	0.	0.0	0.0	0.7	0.77	0.7		
34. I have a policy for dealing with students who do not follow the school rules	0.	1	0.1	0.0	0.	0.	0.70	0.72	0.71	0.	0.7	0.7		
35. I have a policy for dealing with students who do not follow the school rules	0.3	3	0.3	0.2	0.	0.77	0.	0.0	0.0	0.3	0.1	0.		
36. I have a policy for dealing with students who do not follow the school rules	0.	77	0.7	0.7	0.7	0.2	0.0	0.0	0.	0.3	0.3	0.1		
37. I have a policy for dealing with students who do not follow the school rules	0.7	33	0.3	0.3	0.3	0.0	0.7	0.7	0.	0.71	0.	0.33		
38. I have a policy for dealing with students who do not follow the school rules	0.	73	0.7	0.3	0.2	0.1	0.0	0.3	0.3	0.2	0.2	0.2		
39. I have a policy for dealing with students who do not follow the school rules	0.3	3	0.	0.72	0.7	0.2	0.77	0.	0.	0.7	0.3	0.7		
40. I have a policy for dealing with students who do not follow the school rules	0.		0.	0.7	0.71	0.7	0.72	0.72	0.73	0.0	0.70	0.72		
41. I have a policy for dealing with students who do not follow the school rules	0.		0.77	0.	0.7	0.77	0.77	0.7	0.7	0.71	0.72	0.		
42. I have a policy for dealing with students who do not follow the school rules	0.		0.71	0.72	0.	0.	0.	0.77	0.3	0.70	0.70	0.71		
43. I have a policy for dealing with students who do not follow the school rules	0.7	7	0.7	0.0	0.	0.71	0.	0.7	0.7	0.72	0.7	0.7		
44. I have a policy for dealing with students who do not follow the school rules	0.		0.	0.0	0.77	0.7	0.7	0.0	0.	0.	0.	0.2		
45. I have a policy for dealing with students who do not follow the school rules	0.0	72	0.3	0.	0.77	0.77	0.77	0.7	0.70	0.0	0.7	0.7		
46. I have a policy for dealing with students who do not follow the school rules	0.	73	0.71	0.2	0.	0.3	0.	0.2	0.1	0.7	0.7	0.7		
47. I have a policy for dealing with students who do not follow the school rules	0.3	2	0.	0.7	0.77	0.1	0.1	0.7	0.7	0.7	0.7	0.2		
48. I have a policy for dealing with students who do not follow the school rules	0.		0.2	0.	0.72	0.7	0.7	0.7	0.7	0.71	0.73	0.7		
B. I have a policy for dealing with students who do not follow the school rules														
49. I have a policy for dealing with students who do not follow the school rules	0.0	7	0.3	0.0	0.7	0.71	0.1	0.1	0.7	0.1	0.7	0.1		
50. I have a policy for dealing with students who do not follow the school rules	0.	72	0.77	0.	0.73	0.7	0.	0.	0.7	0.7	0.0	0.2		
51. I have a policy for dealing with students who do not follow the school rules	0.0	3	0.2	0.3	0.7	0.7	0.72	0.7	0.3	0.7	0.1	0.7		
52. I have a policy for dealing with students who do not follow the school rules	0.	7	0.77	0.2	0.73	0.	0.1	0.	0.2	0.7	0.73	0.		
53. I have a policy for dealing with students who do not follow the school rules	0.		0.0	0.	0.7	0.0	0.72	0.7	0.70	0.	0.7	0.73		
54. I have a policy for dealing with students who do not follow the school rules	0.	7	0.	0.77	0.3	0.7	0.	0.3	0.	0.3	0.77	0.7		
55. I have a policy for dealing with students who do not follow the school rules	0.7	7	0.2	0.33	0.7	0.	0.3	0.7	0.0	0.2	0.7	0.0		

Table 15.10: Cronbach's Alpha Reliability Coefficient and Principal Components Analysis of the Items in the TIMSS 2015 School Discipline Problems - Principals Reports Scale, Fourth Grade

