

Exhibit 5.3.3: Disorderly Behavior During Science Lessons

Students' Reports

About the Scale

Students were scored according to their responses to six statements on the *Disorderly Behavior During Science Lessons* scale. Cut scores divide the scale into three categories. Students who reported disorderly behavior in **Few or No Lessons** had a score at or above the cut score corresponding to reporting that three of the six situations “never” happened in their science lessons and the other three happened in “some lessons,” on average. Students who reported disorderly behavior in **Most Lessons** had a score at or below the cut score corresponding to reporting that three of the six situations happened in “every or almost every lesson” and the other three happened in “about half the lessons,” on average. All other students reported disorderly behavior in **Some Lessons**.

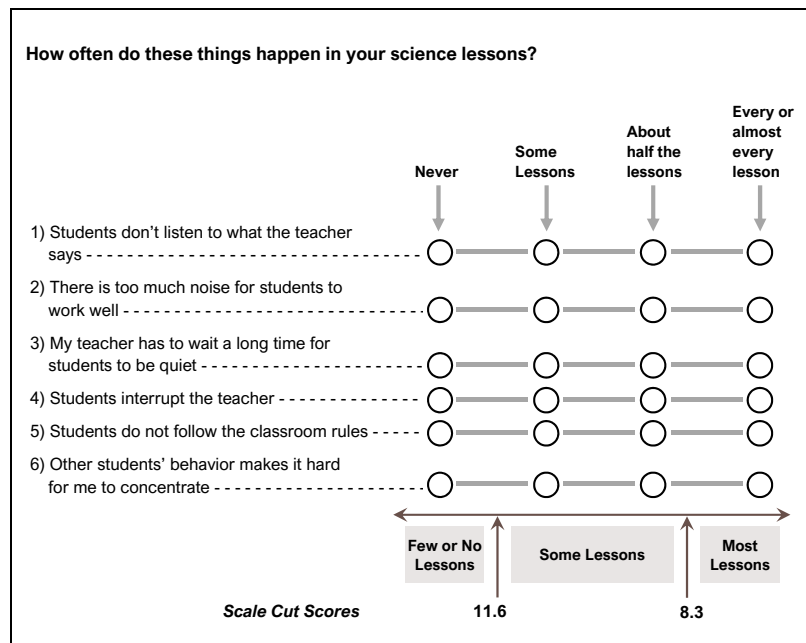


Exhibit 5.3.4: Disorderly Behavior During Science Lessons and Average Achievement
Students' Reports in 2023 and 2024

Country	Few or No Lessons		Some Lessons		Most Lessons		Average Scale Score
	Percent of Students	Average Achievement	Percent of Students	Average Achievement	Percent of Students	Average Achievement	
Georgia							
Grade 4	25 (1.5)	481 (5.0)	57 (1.4)	470 (3.2)	18 (1.0)	448 (4.7)	10.1 (0.07)
Grade 5	24 (1.2)	511 (6.0)	59 (1.3)	488 (3.4)	17 (1.0)	466 (5.1)	10.2 (0.07)
Italy							
Grade 4	15 (1.0)	514 (6.8)	69 (1.1)	514 (2.5)	17 (1.0)	502 (4.1)	9.8 (0.05)
Grade 5	17 (1.4)	545 (6.8)	68 (1.3)	545 (2.6)	15 (0.8)	540 (4.5)	10.0 (0.06)
Jordan							
Grade 4	31 (2.6)	446 (7.9)	45 (1.8)	412 (5.5)	24 (1.5)	407 (5.2)	10.2 (0.13)
Grade 5	27 (1.6)	464 (9.1)	48 (1.4)	432 (5.0)	25 (1.3)	424 (6.2)	10.0 (0.09)
Korea, Rep. of							
Grade 4	29 (1.7)	585 (3.6)	60 (1.4)	584 (2.8)	10 (1.0)	573 (7.2)	10.6 (0.07)
Grade 5	37 (1.4)	615 (3.0)	55 (1.2)	616 (2.6)	8 (0.7)	618 (5.3)	10.9 (0.06)
Kosovo							
Grade 4	32 (1.4)	418 (3.8)	49 (1.3)	409 (3.8)	19 (0.9)	387 (4.4)	10.4 (0.07)
Grade 5	33 (1.2)	444 (3.6)	48 (1.3)	429 (3.9)	19 (0.8)	400 (5.4)	10.4 (0.06)
Montenegro							
Grade 4	21 (0.9)	488 (2.9)	52 (0.9)	467 (2.1)	27 (1.0)	445 (3.4)	9.7 (0.05)
Grade 5	23 (0.8)	502 (3.1)	54 (1.0)	484 (2.3)	23 (0.9)	470 (3.6)	9.9 (0.05)
North Macedonia							
Grade 4	32 (1.4)	464 (4.2)	46 (1.2)	451 (4.1)	22 (1.1)	418 (4.6)	10.3 (0.08)
Grade 5	31 (1.5)	480 (3.7)	49 (1.2)	457 (3.6)	19 (0.9)	428 (5.1)	10.4 (0.07)
Slovenia							
Grade 4	14 (1.0)	545 (4.1)	67 (1.0)	533 (1.9)	19 (0.9)	501 (3.5)	9.7 (0.05)
Grade 5	16 (0.9)	581 (4.0)	69 (0.9)	568 (2.0)	15 (0.9)	543 (3.7)	10.0 (0.05)
Sweden							
Grade 4	17 (1.3)	548 (4.7)	70 (1.2)	535 (2.8)	13 (1.3)	515 (8.3)	10.1 (0.08)
Grade 5	18 (1.3)	574 (6.0)	71 (1.2)	563 (2.9)	12 (1.0)	558 (5.7)	10.2 (0.07)

This TIMSS context questionnaire scale was established in 2023 based on the combined response distribution of countries that participated in TIMSS 2023. To provide a point of reference for country comparisons, the scale centerpoint of 10 was located at the mean of the combined distribution. The units of the scale were chosen so that 2 scale score points corresponded to the standard deviation of the distribution.

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.
 An "r" indicates data are available for at least 70% but less than 85% of the students.