

Exhibit 6.3.1: Students Like Learning Science

Students' Reports

About the Scale

Students were scored according to their responses to six statements on the *Students Like Learning Science* scale. Cut scores divide the scale into three categories. Students who **Very Much Like Learning Science** had a score at or above the cut score corresponding to “agreeing a lot” with three of the six statements and “agreeing a little” with the other three, on average. Students who **Do Not Like Learning Science** had a score at or below the cut score corresponding to “disagreeing a little” with three of the six statements and “agreeing a little” with the other three, on average. All other students **Somewhat Like Learning Science**.

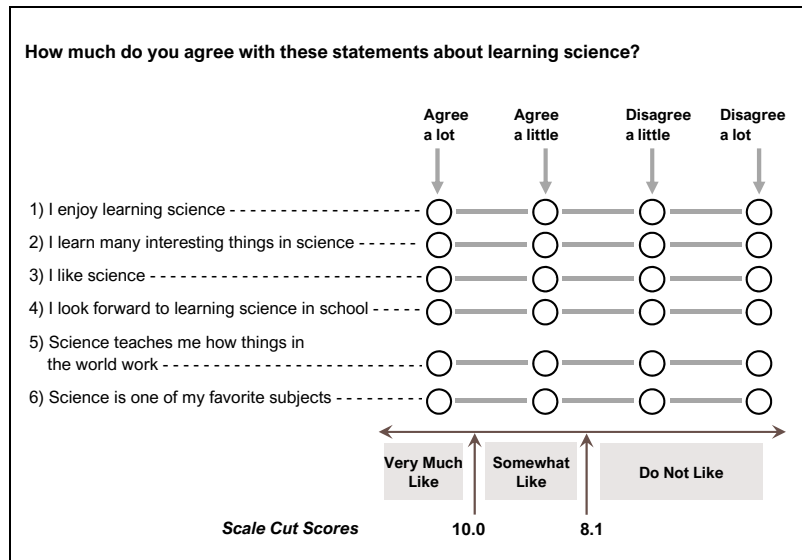


Exhibit 6.3.2a: Students Like Learning Science and Growth in Achievement
Students' Reports in 2024

Country		Very Much Like Learning Science		Somewhat Like Learning Science		Do Not Like Learning Science	
		Percent of Students	Average Growth	Percent of Students	Average Growth	Percent of Students	Average Growth
Georgia	r	59 (1.4)	28 (2.5)	30 (1.1)	21 (3.5)	12 (0.8)	14 (5.4)
Italy		48 (1.0)	34 (2.3)	33 (0.8)	30 (2.1)	19 (0.7)	31 (3.0)
Jordan	r	64 (1.8)	23 (5.2)	22 (1.0)	15 (5.8)	14 (1.3)	14 (6.0)
Korea, Rep. of	r	35 (1.1)	37 (3.0)	31 (0.9)	37 (2.3)	33 (1.0)	29 (2.2)
Kosovo		64 (1.2)	19 (2.2)	26 (0.9)	21 (3.5)	10 (0.6)	21 (4.6)
Montenegro		51 (1.0)	21 (1.7)	31 (0.9)	22 (2.0)	18 (0.8)	18 (2.6)
North Macedonia	r	59 (1.3)	13 (3.0)	25 (0.8)	13 (3.4)	16 (0.9)	6 (3.6)
Slovenia		25 (0.9)	37 (2.2)	37 (0.9)	40 (2.3)	38 (1.0)	37 (1.9)
Sweden		22 (1.0)	34 (2.4)	32 (1.2)	33 (2.2)	47 (1.7)	24 (1.9)

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.

Exhibit 6.3.2b: Students Like Learning Science and Average Achievement
Students' Reports in 2023 and 2024

Country	Very Much Like Learning Science		Somewhat Like Learning Science		Do Not Like Learning Science		Average Scale Score
	Percent of Students	Average Achievement	Percent of Students	Average Achievement	Percent of Students	Average Achievement	
Georgia							
Grade 4	61 (1.3)	475 (3.4)	29 (0.9)	463 (4.1)	10 (0.7)	457 (5.3)	10.4 (0.05)
Grade 5	59 (1.4)	497 (3.9)	30 (1.1)	483 (4.3)	12 (0.8)	474 (5.8)	10.3 (0.05)
Italy							
Grade 4	52 (1.2)	515 (2.9)	30 (0.9)	511 (3.4)	18 (0.8)	500 (3.9)	10.0 (0.05)
Grade 5	48 (1.0)	553 (2.7)	33 (0.8)	537 (4.1)	19 (0.7)	533 (3.9)	9.9 (0.04)
Jordan							
Grade 4	69 (1.6)	434 (5.5)	19 (1.1)	399 (5.9)	12 (0.8)	383 (7.9)	10.8 (0.07)
Grade 5	64 (1.8)	453 (5.9)	22 (1.0)	419 (5.8)	14 (1.3)	402 (8.1)	10.5 (0.08)
Korea, Rep. of							
Grade 4	38 (1.0)	597 (3.4)	34 (0.8)	579 (3.4)	28 (1.0)	569 (3.0)	9.5 (0.05)
Grade 5	35 (1.1)	630 (3.3)	31 (0.9)	614 (3.2)	33 (1.0)	602 (2.8)	9.2 (0.05)
Kosovo							
Grade 4	70 (1.2)	412 (3.1)	22 (1.0)	403 (4.4)	8 (0.6)	393 (8.4)	10.7 (0.04)
Grade 5	64 (1.2)	432 (3.6)	26 (0.9)	423 (4.1)	10 (0.6)	421 (6.0)	10.6 (0.05)
Montenegro							
Grade 4	59 (1.1)	469 (2.1)	27 (0.8)	460 (2.9)	15 (0.8)	462 (4.5)	10.3 (0.04)
Grade 5	51 (1.0)	489 (2.0)	31 (0.9)	477 (3.4)	18 (0.8)	486 (4.3)	10.0 (0.04)
North Macedonia							
Grade 4	68 (0.9)	453 (3.6)	22 (0.7)	443 (5.0)	10 (0.6)	436 (6.2)	10.7 (0.04)
Grade 5	59 (1.3)	462 (3.6)	25 (0.8)	453 (4.2)	16 (0.9)	451 (5.7)	10.3 (0.06)
Slovenia							
Grade 4	36 (1.0)	532 (2.4)	37 (0.9)	529 (2.4)	27 (0.9)	523 (3.3)	9.4 (0.04)
Grade 5	25 (0.9)	575 (2.6)	37 (0.9)	566 (2.6)	38 (1.0)	560 (2.4)	8.9 (0.04)
Sweden							
Grade 4	29 (1.2)	528 (5.4)	36 (0.9)	545 (3.8)	34 (1.3)	529 (3.8)	9.0 (0.06)
Grade 5	22 (1.0)	560 (4.9)	32 (1.2)	572 (3.9)	47 (1.7)	560 (3.4)	8.6 (0.05)

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